

## [MS-OODF2]:

# Office Implementation Information for ODF 1.1 Version 2 Standards Support

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## Revision Summary

Date	Revision History	Revision Class	Comments
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3/31/2010	1.02	Major	Revised for template compliance
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<b>Date</b>	<b>Revision History</b>	<b>Revision Class</b>	<b>Comments</b>
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# 1 Introduction

In creating an interoperable implementation, it may be helpful to understand specific implementation choices made by other products implementing the same standard. For example, portions of the standard may provide only general guidance, leaving specific implementation choices up to the application implementer; in some circumstances, it may be helpful for other implementers to understand those choices. In addition, products often vary from or extend standards either because of application deviations or to allow for use scenarios not originally envisioned by the specifications. Documentation of those variations and/or extensions may also be helpful to other implementers.

The implementer notes contained in this document provide information about how Office implements Open Document Format for Office Applications (OpenDocument) v1.1 [ODF], including areas where additional detail may be of benefit to other implementers and areas where the product is known to vary from or extend the specification.

## 1.1 Glossary

**MAY, SHOULD, MUST, SHOULD NOT, MUST NOT:** These terms (in all caps) are used as defined in [\[RFC2119\]](#). All statements of optional behavior use either MAY, SHOULD, or SHOULD NOT.

## 1.2 References

Links to a document in the Microsoft Open Specifications library point to the correct section in the most recently published version of the referenced document. However, because individual documents in the library are not updated at the same time, the section numbers in the documents may not match. You can confirm the correct section numbering by checking the [Errata](#).

### 1.2.1 Normative References

We conduct frequent surveys of the normative references to assure their continued availability. If you have any issue with finding a normative reference, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com). We will assist you in finding the relevant information.

[ISO/IEC-29500-1] International Organization for Standardization, "Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference", ISO/IEC 29500-1:2008, [http://www.iso.org/iso/iso\\_catalogue/catalogue\\_tc/catalogue\\_detail.htm?csnumber=51463](http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=51463)

[ISO/IEC-29500:2008] International Organization for Standardization, "Information technology -- Document description and processing languages -- Office Open XML File Formats -- Parts 1-4", ISO/IEC 29500-1:2008, [http://www.iso.org/iso/iso\\_catalogue/catalogue\\_tc/catalogue\\_detail.htm?csnumber=51463](http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=51463)

[MathML2.0] Ausbrooks, R., et al., "Mathematical Markup Language (MathML) Version 2.0 (Second Edition)", W3C Recommendation, October 2003, <http://www.w3.org/TR/2003/REC-MathML2-20031021/>

[ODF] OASIS, "Open Document Format for Office Applications (OpenDocument) v1.1", 1 February 2007, <http://docs.oasis-open.org/office/v1.1/OS/OpenDocument-v1.1-html/OpenDocument-v1.1.html>

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, <http://www.rfc-editor.org/rfc/rfc2119.txt>

[RFC3986] Berners-Lee, T., Fielding, R., and Masinter, L., "Uniform Resource Identifier (URI): Generic Syntax", STD 66, RFC 3986, January 2005, <http://www.rfc-editor.org/rfc/rfc3986.txt>

## **1.2.2 Informative References**

None.

## **1.3 Microsoft Implementations**

Microsoft Excel 2010

Microsoft Excel 2013

Microsoft Excel 2016

Microsoft Excel 2019

Microsoft PowerPoint 2010

Microsoft PowerPoint 2013

Microsoft PowerPoint 2016

Microsoft PowerPoint 2019

Microsoft Word 2010

Microsoft Word 2013

Microsoft Word 2016

Microsoft Word 2019

## 2 Conformance Statements

This section contains implementation information about how Microsoft Excel 2010, Microsoft PowerPoint 2010, Microsoft Word 2010, Microsoft Excel 2013, Microsoft PowerPoint 2013, Microsoft Word 2013, Microsoft Excel 2016, Microsoft PowerPoint 2016, Microsoft Word 2016, Microsoft Excel 2019 Preview, Microsoft PowerPoint 2019 Preview, and Microsoft Word 2019 Preview implement Open Document Format for Office Applications (OpenDocument) v1.1. Unless otherwise specified, implementation information in this document pertains to client implementations of Microsoft Office 2010, Microsoft Office 2013, Microsoft Office 2016, and Microsoft Office 2019.

### 2.1 Normative Variations

#### 2.1.1 Section 2, Document Structure

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### 2.1.2 Section 2.1.1, Document Root Element Content Models

- a. *The standard defines the element <office:document>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <office:document-content>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the element <office:document-meta>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the element <office:document-settings>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the element <office:document-styles>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the element <office:document>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the element <office:document-content>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the element <office:document-meta>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the element <office:document-settings>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the element <office:document-styles>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the element <office:document>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the element <office:document-content>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- m. *The standard defines the element <office:document-meta>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- n. *The standard defines the element <office:document-settings>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- o. *The standard defines the element <office:document-styles>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.3 Section 2.1.2, Document Root Attributes**

- a. *The standard defines the attribute office:mimetype, contained within the element <office:document-content>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute office:version, contained within the element <office:document-content>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute office:mimetype, contained within the element <office:document-meta>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute office:version, contained within the element <office:document-meta>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word ignores this attribute.

On save, Word always writes a value of "1.1" for this attribute.

- e. *The standard defines the attribute office:mimetype, contained within the element <office:document-settings>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute office:version, contained within the element <office:document-settings>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word ignores this attribute.

On save, Word always writes a value of "1.1" for this attribute.

- g. *The standard defines the attribute `office:mimetype`, contained within the element `<office:document-styles>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute `office:version`, contained within the element `<office:document-styles>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute `office:mimetype`, contained within the element `<office:document-content>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `office:version`, contained within the element `<office:document-content>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `office:mimetype`, contained within the element `<office:document-meta>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute `office:version`, contained within the element `<office:document-meta>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel ignores this attribute.

On save, Excel always writes a value of "1.1" for this attribute.

- m. *The standard defines the attribute `office:mimetype`, contained within the element `<office:document-styles>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute `office:version`, contained within the element `<office:document-styles>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute `office:mimetype`, contained within the element `<office:document-content>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- p. *The standard defines the attribute `office:version`, contained within the element `<office:document-content>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- q. *The standard defines the attribute `office:mimetype`, contained within the element `<office:document-meta>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the attribute `office:version`, contained within the element `<office:document-meta>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint ignores this attribute.

On save, PowerPoint always writes a value of "1.1" for this attribute.

- s. *The standard defines the attribute `office:mimetype`, contained within the element `<office:document-settings>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- t. *The standard defines the attribute `office:version`, contained within the element `<office:document-settings>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *The standard defines the attribute `office:mimetype`, contained within the element `<office:document-styles>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- v. *The standard defines the attribute `office:version`, contained within the element `<office:document-styles>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.4 Section 2.2, Document Metadata**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.5 Section 2.2.1, Pre-Defined vs. Custom Metadata**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.  
On load Word ignores custom metadata, therefore the metadata is lost on save.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.  
On load, Excel ignores custom metadata, therefore the metadata is lost on save.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.  
On load, PowerPoint ignores custom metadata, therefore the metadata is lost on save.

### **2.1.6 Section 2.3, Body Element and Document Types**

- a. *The standard defines the element <office:body>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <office:body>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.7 Section 2.3.1, Text Documents**

- a. *The standard defines the element <office:text>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute text:global, contained within the element <office:text>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute text:use-soft-page-breaks, contained within the element <office:text>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

### **2.1.8 Section 2.3.2, Drawing Documents**

- a. *The standard defines the element <office:drawing>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <office:drawing>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <office:drawing>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.9 Section 2.3.3, Presentation Documents**

- a. *The standard defines the element <office:presentation>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.10 Section 2.3.4, Spreadsheet Documents**

- a. *The standard defines the element <office:spreadsheet>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <office:spreadsheet>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.



### **2.1.11 Section 2.3.5, Chart Documents**

- a. *The standard defines the element <office:chart>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <office:chart>, contained within the parent element <office:body>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.12 Section 2.3.6, Image Documents**

- a. *The standard defines the element <office:image>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <office:image>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <office:image>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.13 Section 2.4, Application Settings**

- a. *The standard defines the element <office:settings>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <<office:settings>>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.14 Section 2.4.1, Sequence of Settings**

- a. *The standard defines the element <config:config-item-set>, contained within the parent element <office:settings>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.15 Section 2.4.2, Base Settings**

- a. *The standard defines the element <config:config-item>, contained within the parent element <office:settings>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.16 Section 2.4.3, Index Access of Sequences**

- a. *The standard defines the element <config:config-item-map-indexed>, contained within the parent element <office:settings>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.17 Section 2.4.4, Map Entry**

- a. *The standard defines the element <config:config-item-map-entry>, contained within the parent element <office:settings>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.18 Section 2.4.5, Name Access of Sequences**

- a. *The standard defines the element <config:config-item-map-named>, contained within the parent element <office:settings>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.19 Section 2.4.6, Cursor Position Setting**

- a. *The standard defines the attribute view-id, contained within the element <opendocument cursor-position>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.20 Section 2.5, Scripts**

- a. *The standard defines the element <office:scripts>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <office:scripts>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <office:scripts>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.21 Section 2.5.1, Script**

- a. *The standard defines the element <office:script>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

b. *The standard defines the element <office:script>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the element <office:script>*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.22 Section 2.6, Font Face Declarations**

a. *The standard defines the element <office:font-face-decls>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels. On save, font face declarations are not written out. Instead, the fo:font-family property is used to specify font face.

b. *The standard defines the element <office:font-face-decls>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, chart titles and labels. It is supported on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Font face declarations are only supported on read and are not written out. Instead, the fo:font-family property is used to specify font face on write.

c. *The standard defines the element <<style:font-face>>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

d. *The standard defines the element <office:font-face-decls>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

Font face declarations are supported only on read, and are not written out. Instead, the "fo:font-family" property is used to specify font face on write.

### 2.1.23 Section 2.7, Styles

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.

- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### 2.1.24 Section 2.7.1, Location of Styles

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <office:automatic-styles>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word 2013 supports this element for <style:style> and <style:default-style> elements when the <style:family> attribute has a value of "graphic".

c. *The standard defines the element <office:master-styles>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

d. *The standard defines the element <office:styles>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word 2013 supports this element for <style:style> and <style:default-style> elements when the <style:family> attribute has a value of "graphic".

e. OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

f. *The standard defines the element <office:automatic-styles>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel 2013 supports this element for <style:style> and <style:default-style> elements when the <style:family> attribute has a value of "graphic".

g. *The standard defines the element <office:master-styles>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

h. *The standard defines the element <office:styles>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel 2013 supports this element for <style:style> and <style:default-style> elements when the <style:family> attribute has a value of "graphic".

i. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

j. *The standard defines the element <<office:automatic-styles>>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is used for all of the formatting styles in both the content and in the masters/layouts.

k. *The standard defines the element <<office:master-styles>>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This location is used to store all of the master pages and layouts.

l. *The standard defines the element <<office:styles>>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Only the default style and the presentation page layouts are stored here. All others are stored in automatic or master styles.

m. *The standard defines the element <office:automatic-styles>*

PowerPoint 2013 supports this element for <style:style> and <style:default-style> elements when the <style:family> attribute has a value of "graphic".

n. *The standard defines the element <office:styles>*

PowerPoint 2013 supports this element for <style:style> and <style:default-style> elements when the <style:family> attribute has a value of "graphic".

### **2.1.25 Section 2.8, Page Styles and Layout**

a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

b. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Master pages are assigned to drawing pages using the style:master-page-name attribute rather than the style:parent-style-name attribute.

### **2.1.26 Section 3, Metadata Elements**

a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.27 Section 3.1, Pre-Defined Metadata Elements**

a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.28 Section 3.1.1, Generator**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
Word does not support MathML entities. Only unicode characters are used.
- b. *The standard defines the element <meta:generator>, contained within the parent element <office:meta-data>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.29 Section 3.1.2, Title**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <dc:title>, contained within the parent element <office:meta-data>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.30 Section 3.1.3, Description**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <dc:description>, contained within the parent element <office:meta-data>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.31 Section 3.1.4, Subject**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <dc:subject>, contained within the parent element <office:meta-data>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.32 Section 3.1.5, Keywords**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <meta:keyword>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.33 Section 3.1.6, Initial Creator**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <meta:initial-creator>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.34 Section 3.1.7, Creator**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <dc:creator>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.35 Section 3.1.8, Printed By**

- a. *The standard defines the element <meta:printed-by>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word does not save this property.

- b. *The standard defines the element <meta:printed-by>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

Excel does not save this property.

- c. *The standard defines the element <meta:printed-by>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not save this property.



### **2.1.36 Section 3.1.9, Creation Date and Time**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <meta:creation-date>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.37 Section 3.1.10, Modification Date and Time**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <dc:date>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.38 Section 3.1.11, Print Date and Time**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <meta:print-date>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. *The standard defines the element <meta:print-date>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.39 Section 3.1.12, Document Template**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <meta:template>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. *The standard defines the element <meta:template>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.40 Section 3.1.13, Automatic Reload**

- a. *The standard defines the element <meta:auto-reload>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word does not save this property.

- b. *The standard defines the element <meta:auto-reload>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

Excel does not save this property.

- c. *The standard defines the element <meta:auto-reload>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not save this property.

#### **2.1.41 Section 3.1.14, Hyperlink Behavior**

- a. *The standard defines the element <meta:hyperlink-behaviour>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word does not save this property.

- b. *The standard defines the element <meta:hyperlink-behaviour>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

Excel does not save this property.

- c. *The standard defines the element <meta:hyperlink-behaviour>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not save this property.

#### **2.1.42 Section 3.1.15, Language**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <dc:language>, contained within the parent element <office:meta-data>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the element <dc:language>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.43 Section 3.1.16, Editing Cycles**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <meta:editing-cycles>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- e. *The standard defines the element <meta:editing-cycles>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.44 Section 3.1.17, Editing Duration**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <meta:editing-duration>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- e. *The standard defines the element <meta:editing-duration>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.45 Section 3.1.18, Document Statistics**

- a. *The standard defines the element <meta:document-statistic>*

Word loads/saves the following statistics for Text documents:

meta:page-count

meta:paragraph-count

meta:word-count

meta:character-count

meta:row-count

meta:non-whitespace-character-count

- b. *The standard defines the element <meta:document-statistic>, contained within the parent element <office:meta-data>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute meta:image-count, contained within the element <meta:document-statistic>, contained within the parent element <office:meta-data>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute meta:object-count, contained within the element <meta:document-statistic>, contained within the parent element <office:meta-data>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute meta:page-count, contained within the element <meta:document-statistic>, contained within the parent element <office:meta-data>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute meta:paragraph-count, contained within the element <meta:document-statistic>, contained within the parent element <office:meta-data>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute meta:word-count, contained within the element <meta:document-statistic>, contained within the parent element <office:meta-data>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the element <meta:document-statistic>*

Excel loads and saves the following statistic for Spreadsheet documents: "meta:page-count"

- i. *The standard defines the element <meta:document-statistic>*

PowerPoint loads/saves the following statistics for Graphic documents: the "meta:page-count" attribute.

- j. *The standard defines the attribute meta:page-count, contained within the element <meta:document-statistic>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.46 Section 3.2, User-defined Metadata**

- a. *The standard defines the element <meta:user-defined>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word supports the creation of user defined metadata in the following variant types: string, float, date, and boolean.

- b. *The standard defines the element <meta:user-defined>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports the creation of user defined metadata in the following variant types: string, float, date, and boolean.

- c. *The standard defines the element <meta:user-defined>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports the creation of user defined metadata in the following variant types: string, float, date, and boolean.

### **2.1.47 Section 3.3, Custom Metadata**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.  
This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.48 Section 4, Text Content**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- c. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:
    - <draw:rect>
    - <draw:polyline>
    - <draw:polygon>
    - <draw:regular-polygon>
    - <draw:path>
    - <draw:circle>
    - <draw:ellipse>
    - <draw:caption>
    - <draw:measure>
    - <draw:text-box>
    - <draw:frame>
    - <draw:custom-shape>

### **2.1.49 Section 4.1, Headings, Paragraphs and Basic Text Structure**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- c. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:
- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>

### 2.1.50 Section 4.1.1, Headings

- a. *The standard defines the element <text:h>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

1. Word allows multiple styles to map to the same outline level. According to the ODF 1.1 spec, each outline level may only have one style associated with it.

On save, Word takes the following steps to determine which style should be included for each level under the outline style element:

First, Word looks for styles named "Heading 1" to "Heading 9" to see if any of them have numbering as a part of the style. If one of these styles has numbering, then that style is associated with the corresponding level in the outline style.

Next, Word looks for other styles to see if any of them have an outline level and numbering. If so, the first style that encountered with both a unique outline level and numbering is put into the outline-style.

2. On save, Word writes out text content within a <text:h> element under the following conditions:
  - the paragraph has an outline level
  - the paragraph's style is referenced by the outline style
3. On save, paragraphs with numbering, whose style is not in the outline-style but have a style:default-outline-level attribute in their paragraph style, are written out with <text:p> within a list.

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute text:is-list-header, contained within the element <text:h>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `text:number`, contained within the element `<text:h>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `text:outline-level`, contained within the element `<text:h>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On save, if the numbering applied to a set of headings (via outline level) is not continuous, Word outputs the missing numbers as numbered blank paragraphs--- for example:

4. first item
5. second item
6. third item

is output as follows:

7. first item
8. second item
- 3.
9. third item

- e. *The standard defines the attribute `text:restart-numbering`, contained within the element `<text:h>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `text:start-value`, contained within the element `<text:h>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the element `<text:h>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- h. *The standard defines the element `<text:h>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- `<draw:rect>`

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.51 Section 4.1.2, Paragraphs**

- a. *The standard defines the element <text:p>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <text:p>, contained within the parent element <draw:custom-shape>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the element <text:p>, contained within the parent element <text:list-item>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt.

- d. *The standard defines the element <text:p>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the element <text:p>, contained within the parent element <chart:chart \..\table:table \..\text-p>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the element <text:p>, contained within the parent element <draw:caption>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the element <text:p>, contained within the parent element <draw:circle>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the element <text:p>, contained within the parent element <draw:connector>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the element <text:p>, contained within the parent element <draw:custom-shape>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the element <text:p>, contained within the parent element <draw:ellipse>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the element <text:p>, contained within the parent element <draw:image>*



This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the element <text:p>, contained within the parent element <draw:line>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the element <text:p>, contained within the parent element <draw:measure>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the element <text:p>, contained within the parent element <draw:path>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the element <text:p>, contained within the parent element <draw:polygon>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the element <text:p>, contained within the parent element <draw:polyline>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the element <text:p>, contained within the parent element <draw:rect>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- r. *The standard defines the element <text:p>, contained within the parent element <draw:regular-polygon>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the element <text:p>, contained within the parent element <draw:text-box>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- t. *The standard defines the element <text:p>, contained within the parent element <text:list-header>*

OfficeArt Math in Excel 2013 supports this element on save, for text in text boxes and shapes. It is supported on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

The text:list-header property is only supported on load and is not saved.

- u. *The standard defines the element <text:p>, contained within the parent element <text:list-item>*

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes, shapes, and SmartArt. On load, it is supported for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- v. *The standard defines the element <text:p>, contained within the parent element <draw:caption>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- w. *The standard defines the element <text:p>, contained within the parent element <draw:circle>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- x. *The standard defines the element <text:p>, contained within the parent element <draw:connector>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the element <text:p>, contained within the parent element <draw:custom-shape>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- z. *The standard defines the element <text:p>, contained within the parent element <draw:ellipse>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- aa. *The standard defines the element <text:p>, contained within the parent element <draw:image>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the element <text:p>, contained within the parent element <draw:line>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the element <text:p>, contained within the parent element <draw:measure>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- dd. *The standard defines the element <text:p>, contained within the parent element <draw:path>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ee. *The standard defines the element <text:p>, contained within the parent element <draw:polygon>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ff. *The standard defines the element <text:p>, contained within the parent element <draw:polyline>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

gg. *The standard defines the element <text:p>, contained within the parent element <draw:rect>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

hh. *The standard defines the element <text:p>, contained within the parent element <draw:regular-polygon>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ii. *The standard defines the element <text:p>, contained within the parent element <draw:text-box>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

jj. *The standard defines the element <text:p>, contained within the parent element <text:list-header>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

The "text:list-header" property is supported only on read and is not written out.

kk. *The standard defines the element <text:p>, contained within the parent element <text:list-item>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### 2.1.52 Section 4.1.3, Common Paragraph Elements Attributes

- a. *The standard defines the attribute text:class-names, contained within the element <text:p>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. The text:class-names attribute is always written as empty.

- b. *The standard defines the attribute text:cond-style-name, contained within the element <text:p>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. The text:cond-style-name attribute is always written as empty.

- c. *The standard defines the attribute text:style-name, contained within the element <text:p>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute text:class-names, contained within the element <text:p>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save, for text in text boxes, shapes, SmartArt, chart titles and labels. On load, it is supported for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

The text:class-names attribute is always written as empty and is not supported on read.

- e. *The standard defines the attribute text:cond-style-name, contained within the element <text:p>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save, for text in text boxes, shapes, SmartArt, and chart titles and labels. On load, it is supported for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

The text:cond-style-name attribute is always written as empty and is not supported on read.

- f. *The standard defines the attribute text:style-name, contained within the element <text:p>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- g. *The standard defines the attribute text-id, contained within the element <text:p>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute text:class-names, contained within the element <text:p>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

The "text:class-names" attribute is always written and empty, and is not supported on read.

- i. *The standard defines the attribute text:cond-style-name, contained within the element <text:p>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

The "text:cond-style-name" attribute is always written as empty and is not supported on read.

- j. *The standard defines the attribute text:style-name, contained within the element <text:p>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.53 Section 4.2, Page Sequences**

- a. *The standard defines the element <text:page-sequence>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:page-sequence>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.54 Section 4.2.1, Page**

- a. *The standard defines the element <text:page>, contained within the parent element <text:page-sequence>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:page>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### 2.1.55 Section 4.3, Lists

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.  
This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### 2.1.56 Section 4.3.1, List Block

- a. *The standard defines the element <text:list>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <text:list>, contained within the parent element <text:list>*  
OfficeArt Math in Word 2013 supports this element on save for text in SmartArt.
- c. *The standard defines the attribute text:continue-numbering, contained within the element <text:list>*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- d. *The standard defines the attribute text:style-name, contained within the element <text:list>*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.
- e. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- f. *The standard defines the element <text:list>, contained within the parent element <draw:caption>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- g. *The standard defines the element <text:list>, contained within the parent element <draw:circle>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- h. *The standard defines the element <text:list>, contained within the parent element <draw:connector>*  
This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- i. *The standard defines the element <text:list>, contained within the parent element <draw:custom-shape>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- j. *The standard defines the element <text:list>, contained within the parent element <draw:ellipse>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- k. *The standard defines the element <text:list>, contained within the parent element <draw:image>*  
This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- l. *The standard defines the element <text:list>, contained within the parent element <draw:line>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the element <text:list>, contained within the parent element <draw:measure>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the element <text:list>, contained within the parent element <draw:path>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the element <text:list>, contained within the parent element <draw:polygon>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the element <text:list>, contained within the parent element <draw:polyline>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the element <text:list>, contained within the parent element <draw:rect>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- r. *The standard defines the element <text:list>, contained within the parent element <draw:regular-polygon>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the element <text:list>, contained within the parent element <draw:text-box>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- t. *The standard defines the element <text:list>, contained within the parent element <text:list>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- u. *The standard defines the attribute text:continue-numbering, contained within the element <text:list>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes.

- v. *The standard defines the attribute text:style-name, contained within the element <text:list>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:



- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes.

- w. *The standard defines the element <text:list>, contained within the parent element <draw:caption>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- x. *The standard defines the element <text:list>, contained within the parent element <draw:circle>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- y. *The standard defines the element <text:list>, contained within the parent element <draw:connector>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the element <text:list>, contained within the parent element <draw:custom-shape>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- aa. *The standard defines the element <text:list>, contained within the parent element <draw:ellipse>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- bb. *The standard defines the element <text:list>, contained within the parent element <draw:image>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the element <text:list>, contained within the parent element <draw:line>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *The standard defines the element <text:list>, contained within the parent element <draw:measure>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ee. *The standard defines the element <text:list>, contained within the parent element <draw:path>*
- This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- ff. *The standard defines the element <text:list>, contained within the parent element <draw:polygon>*
- This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- gg. *The standard defines the element <text:list>, contained within the parent element <draw:polyline>*
- This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- hh. *The standard defines the element <text:list>, contained within the parent element <draw:rect>*
- This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- ii. *The standard defines the element <text:list>, contained within the parent element <draw:regular-polygon>*
- This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- jj. *The standard defines the element <text:list>, contained within the parent element <draw:text-box>*
- This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- kk. *The standard defines the element <text:list>, contained within the parent element <text:list>*
- This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- ll. *The standard defines the attribute text:continue-numbering, contained within the element <text:list>*
- OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:
- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>
- mm. *The standard defines the attribute text:style-name, contained within the element <text:list>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.57 Section 4.3.2, List Item**

- a. *The standard defines the element <text:list-item>, contained within the parent element <text:list>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute text:start-value, contained within the element <text:list-item>, contained within the parent element <text:list>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the element <text:number>, contained within the parent element <text:list-item>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute text:start-value, contained within the element <text:list-item>, contained within the parent element <text:list>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes.

- f. *The standard defines the element <text:number>, contained within the parent element <text:list-item>*

OfficeArt Math in Excel 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes.

- g. *The standard defines the attribute `text:start-value`, contained within the element `<text:list-item>`, contained within the parent element `<text:list>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- h. *The standard defines the element `<text:number>`, contained within the parent element `<text:list-item>`*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.58 Section 4.3.3, List Header**

- a. *The standard defines the element `<text:list-header>`, contained within the parent element `<text:list>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word drops the `<text:list-header>` element but retains the content of the tags as a paragraph.

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. *The standard defines the element `<text:list-header>`, contained within the parent element `<text:list>`*

OfficeArt Math in Excel 2013 supports this element on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes.

- d. *The standard defines the element `<text:list-header>`, contained within the parent element `<text:list>`*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

The "text:list-header" attribute is supported on load, but is not saved. To achieve the same effect on save, level 0 list items are saved as a regular paragraphs, that is `<text:p>` elements, and text greater than level 0 is assigned a list style with an empty "style:num-format" attribute (`style:num-format=""`).

## **2.1.59 Section 4.3.4, Numbered Paragraphs**

- a. *The standard defines the element `<text:numbered-paragraph>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `text:level`, contained within the element `<text:numbered-paragraph>`*

- c. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- d. *The standard defines the attribute text:level, contained within the element <text:numbered-paragraph>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute text:level, contained within the element <text:numbered-paragraph>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.60 Section 4.4, Text Sections**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <text:section>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On save, a continuous section in Word is mapped to the <text:section> element. The following properties are preserved: left and right margins, columns, and text direction.

- c. *The standard defines the element <text:section>, contained within the parent element <draw:text-box>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <text:section>, contained within the parent element <style:drop-cap>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- f. *The standard defines the element <text:section>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.61 Section 4.4.1, Section Attributes**

- a. *The standard defines the element <text:section>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `text:condition`, contained within the element `<text:section>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `text:display`, contained within the element `<text:section>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `text:name`, contained within the element `<text:section>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `text:protected`, contained within the element `<text:section>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `text:protection-key`, contained within the element `<text:section>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute `text:style-name`, contained within the element `<text:section>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the element `<text:section>`*

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- j. *The standard defines the element `<text:section>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.62 Section 4.4.2, Section Source**

- a. *The standard defines the element `<text:section-source>`*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <text:section-source>, contained within the parent element <text:section>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute text:filter-name, contained within the element <text:section-source>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <text:section-source>*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <text:section-source>*

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- f. *The standard defines the element <text:section-source>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.63 Section 4.4.3, DDE Source**

- a. *The standard defines the element <office:dde-source>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <text:section-source-dde>, contained within the parent element <text:section>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the element <office:dde-source>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>



- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

e. *The standard defines the element <office:dde-source>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.64 Section 4.5, Page-bound graphical content**

a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.65 Section 4.6, Change Tracking**

a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

b. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.66 Section 4.6.1, Tracked Changes**

a. *The standard defines the element <text:track-changes>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load and save, Word automatically accepts any tracked changes and applies the changes to the document.

b. *The standard defines the element <text:tracked-changes>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

c. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

d. *The standard defines the element <text:tracked-changes>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.67 Section 4.6.2, Changed Regions**

a. *The standard defines the element <text:changed-region>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.68 Section 4.6.3, Insertion**

a. *The standard defines the element <text:insertion>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.69 Section 4.6.4, Deletion**

- a. *The standard defines the element <text:deletion>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.70 Section 4.6.5, Format Change**

- a. *The standard defines the element <text:format-change>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.71 Section 4.6.6, Change Info**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.72 Section 4.6.7, Change Marks**

- a. *The standard defines the element <text:change>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:change-end>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <text:change-start>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.73 Section 4.7, Soft Page Break**

- a. *The standard defines the element <text:soft-page-break>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On save, Word puts a <text:soft-page-break> element everywhere it would normally mark a soft page break location for all of its other document formats. For ODF, this is only done if <text:soft-page-break> is allowed in that location by the ODF specification.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:soft-page-break>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- d. *The standard defines the element <text:soft-page-break>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.74 Section 4.8, Text Declarations**

- a. *The standard defines the element <text:dde-connection-decls>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:decls>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the element <text:sequence-decls>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <text:user-field-decls>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <text:variable-decls>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the element <text:decls>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

h. *The standard defines the element <text:decls>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.75 Section 5, Paragraph Elements Content**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

c. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.76 Section 5.1, Basic Text Content**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.
- b. OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.77 Section 5.1.1, White-space Characters**

- a. *The standard defines the element <text:line-break>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <text:line-break>, contained within the parent element <text:p>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the element <text:s>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the element <text:s>, contained within the parent element <text:p>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute text:c, contained within the element <text:s>*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the element <text:soft-page-break>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- g. *The standard defines the element <text:soft-page-break>, contained within the parent element <text:p>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On save, Word puts a <text:soft-page-break> element everywhere it would normally mark a soft page break location for all of its other document formats. For ODF, this is only done if <text:soft-page-break> is allowed in that location by the ODF specification.

- h. *The standard defines the element <text:tab>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- i. *The standard defines the element <text:tab>, contained within the parent element <text:p>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- j. *The standard defines the attribute text:tab-ref, contained within the element <text:tab>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- k. *The standard defines the attribute text:tab-ref, contained within the element <text:tab>, contained within the parent element <text:p>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- l. *The standard defines the element <text:line-break>*

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>

- <draw:custom-shape>
- m. *The standard defines the element <text:line-break>, contained within the parent element <chart:chart \..\ table:table \..\ paragraph-content>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

- n. *The standard defines the element <text:line-break>, contained within the parent element <text:p>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel converts the <text:line-break> element to a line feed character in the text. On save, if the parent element is <ruby-base> or <span>, Excel converts the combination of line feed and return characters to a <text:line-break> element. If the parent element is <text:p> Excel closes the current <text:p> element, and begins a new <text:p> element.

- o. *The standard defines the element <text:s>*

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- p. *The standard defines the element <text:s>, contained within the parent element <chart:chart \..\ table:table \..\ paragraph-content>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

- q. *The standard defines the element <text:s>, contained within the parent element <text:p>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- r. *The standard defines the attribute text:c, contained within the element <text:s>*

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- s. *The standard defines the attribute `text:c`, contained within the element <code>text:s</code>, contained within the parent element <code>chart:chart \..\ table:table \..\ paragraph-content</code>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

- t. *The standard defines the attribute `text:c`, contained within the element <code>text:s</code>, contained within the parent element <code>text:p</code>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- u. *The standard defines the element <code>text:soft-page-break</code>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- v. *The standard defines the element <code>text:soft-page-break</code>, contained within the parent element <code>text:p</code>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- w. *The standard defines the element <code>text:tab</code>*

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- x. *The standard defines the element <code>text:tab</code>, contained within the parent element <code>chart:chart \..\ table:table \..\ paragraph-content</code>*



This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the element <text:tab>, contained within the parent element <text:p>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel converts <tab> elements to spaces.

- z. *The standard defines the attribute text:tab-ref, contained within the element <text:tab>*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- aa. *The standard defines the attribute text:tab-ref, contained within the element <text:tab>, contained within the parent element <text:p>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- bb. *The standard defines the attribute text-tab-attr, contained within the element <text:tab>, contained within the parent element <chart:chart \..\ table:table \..\ paragraph-content>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- cc. *The standard defines the element <text:line-break>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- dd. *The standard defines the element <text:s>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

ee. *The standard defines the attribute text:c, contained within the element <text:s>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

ff. *The standard defines the element <text:soft-page-break>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

gg. *The standard defines the element <text:tab>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

hh. *The standard defines the attribute text:tab-ref, contained within the element <text:tab>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.78 Section 5.1.2, Soft Hyphens, Hyphens, and Non-breaking Blanks**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.
- b. *The standard defines the element <NO-BREAK SPACE (0x00A0)>, contained within the parent element <text:p>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the element <NON-BREAKING HYPHEN (0x2011)>, contained within the parent element <text:p>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the element <SOFT HYPHEN (0x00AD)>, contained within the parent element <text:p>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>

- <draw:custom-shape>
- f. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:
- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>

### 2.1.79 Section 5.1.3, Attributed Text

- a. *The standard defines the element <text:span>*
- This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the attribute text:class-name, contained within the element <text:span>*
- OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels. The text:class-name attribute is always written as empty.
- c. *The standard defines the attribute text:class-names, contained within the element <text:span>*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- d. *The standard defines the attribute text:style-name, contained within the element <text:span>*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.
- e. *The standard defines the element <text:span>, contained within the parent element <chart:chart \.\ table:table \.\ paragraph-content>*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- On load, Excel reads the element <text:span> but does not write it on save.
- f. *The standard defines the element <text:span>, contained within the parent element <text:p>*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- g. *The standard defines the attribute text:class-name, contained within the element <text:span>*
- OfficeArt Math in Excel 2013 does not support this attribute on save, for text in text boxes, shapes, SmartArt, and chart titles and labels. On load it is supported for text in the following elements:
- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

The text: class-name attribute is always written as empty and is not supported on read.

- h. *The standard defines the attribute text: class-names, contained within the element <text:span>, contained within the parent element <chart:chart \..\ table:table \..\ paragraph-content>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute text: class-names, contained within the element <text:span>, contained within the parent element <text:p>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute text: style-name, contained within the element <text:span>*

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- k. *The standard defines the attribute text: style-name, contained within the element <text:span>, contained within the parent element <chart:chart \..\ table:table \..\ paragraph-content>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute text: style-name, contained within the element <text:span>, contained within the parent element <text:p>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the attribute text: class-name, contained within the element <text:span>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

The "text:class-name" attribute is always written and empty, and is not supported on read.

- n. *The standard defines the attribute text:style-name, contained within the element <text:span>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.80 Section 5.1.4, Hyperlinks**

- a. *The standard defines the element <text:a>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute office:name, contained within the element <text:a>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute office:target-frame-name, contained within the element <text:a>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute office:title, contained within the element <text:a>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute text:style-name, contained within the element <text:a>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word applies text properties to hyperlinks via properties defined by the <text:span> element containing the displayed hyperlink text.

- f. *The standard defines the attribute text:visited-style-name, contained within the element <text:a>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute xlink:actuate, contained within the element <text:a>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute xlink:href, contained within the element <text:a>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the attribute `xlink:type`, contained within the element `<text:a>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the element `<text:a>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the element `<text:a>`, contained within the parent element `<chart:chart \..\table:table \..\paragraph-content>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the element `<text:a>` but does not write it on save.

- l. *The standard defines the attribute `office:event-listeners`, contained within the element `<text:a>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute `office:name`, contained within the element `<text:a>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

Hyperlinks are not supported at the text level.

- n. *The standard defines the attribute `office:target-frame-name`, contained within the element `<text:a>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, the `office:target-frame-name` attribute is not supported for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`

- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Hyperlinks are not supported at the text level.

- o. *The standard defines the attribute office:title, contained within the element <text:a>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute, on load, for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Hyperlinks are not supported at the text level.

- p. *The standard defines the attribute text:style-name, contained within the element <text:a>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Hyperlinks are not supported at the text level.

- q. *The standard defines the attribute text:visited-style-name, contained within the element <text:a>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>



- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Hyperlinks are not supported at the text level.

- r. *The standard defines the attribute `xlink:href`, contained within the element `<text:a>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, `xlink:href` attribute is not supported for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Hyperlinks are not supported at the text level.

- s. *The standard defines the attribute `xlink:show`, contained within the element `<text:a>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the property "new", contained within the attribute `xlink:show`, contained within the element `<text:a>`*

OfficeArt Math in Excel 2013 does not support this enum, on load, for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Hyperlinks are not supported at the text level.

- u. *The standard defines the property "replace", contained within the attribute xlink:show, contained within the element <text:a>*

OfficeArt Math in Excel 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Hyperlinks are not supported at the text level.

- v. *The standard defines the attribute office:name, contained within the element <text:a>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- w. *The standard defines the attribute office:target-frame-name, contained within the element <text:a>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

10. PowerPoint uses a string value for this property. On write, if the PowerPoint string value matches one of the enumerations ("\_self", "\_blank", "\_parent", or "\_top"), then that enumeration is used. Otherwise, the string value is written to the ODF property.
11. On read, all values for this property are written as string values to PowerPoint.

x. *The standard defines the attribute office:title, contained within the element <text:a>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

y. *The standard defines the attribute text:style-name, contained within the element <text:a>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

z. *The standard defines the attribute text:visited-style-name, contained within the element <text:a>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

aa. *The standard defines the attribute xlink:href, contained within the element <text:a>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

bb. *The standard defines the property "new", contained within the attribute xlink:show, contained within the element <text:a>*

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

cc. *The standard defines the property "replace", contained within the attribute xlink:show, contained within the element <text:a>*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

Written as "replace" if the target frame is not empty.

## **2.1.81 Section 5.2, Bookmarks and References**

a. OfficeArt Math in Word 2013 does not support this on save for text in SmartArt and chart titles and labels.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.82 Section 5.2.1, Bookmarks**

- a. *The standard defines the element <text:bookmark>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <text:bookmark-end>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the element <text:bookmark-start>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

e. *The standard defines the element <text:bookmark>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

f. *The standard defines the element <text:bookmark-end>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

g. *The standard defines the element <text:bookmark-start>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

h. *The standard defines the element <text:bookmark>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

i. *The standard defines the element <text:bookmark-end>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

j. *The standard defines the element <text:bookmark-start>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

## 2.1.83 Section 5.2.2, References

- a. *The standard defines the element <text:reference-mark>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word converts reference marks to bookmarks.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <text:reference-mark-end>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word converts reference marks to bookmarks.

- c. *The standard defines the element <text:reference-mark-start>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word converts reference marks to bookmarks.

- d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <text:reference-mark>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes, shapes, SmartArt, chart titles and labels, On load, it is supported for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- f. *The standard defines the element <text:reference-mark>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>



- <draw:frame>
- <draw:custom-shape>

g. *The standard defines the element <text:reference-mark-end>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

h. *The standard defines the element <text:reference-mark-start>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.84 Section 5.3, Notes**

a. *The standard defines the element <text:note>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the element <text:note>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

d. *The standard defines the element <text:note>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

## 2.1.85 Section 5.3.1, Note Element

- a. *The standard defines the element <text:note>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, footnotes and endnotes are dropped when the reference to the footnote or endnote is in a comment, textbox, or header/footer and that is the only reference to the footnote or endnote.

On save, footnotes and endnotes are dropped when the reference to the footnote or endnote is in a Word Equation and that is the only reference to the footnote or endnote.

- b. *The standard defines the element <text:note>, contained within the parent element <draw:frame>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute text:id, contained within the element <text:note>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute text:note-class, contained within the element <text:note>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the element <text:note-body>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the element <text:note-body>, contained within the parent element <text:note>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the element <text:note-citation>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- h. *The standard defines the element <text:note-citation>, contained within the parent element <text:note>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word always reads the contents of the element instead of the text:label attribute.

- i. *The standard defines the element <text:notes-configuration>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- j. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the element <text:note-body>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

l. *The standard defines the element <text:note-citation>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

m. *The standard defines the element <text:notes-configuration>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

n. *The standard defines the element <text:note-body>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>
- o. *The standard defines the element <text:note-citation>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- p. *The standard defines the element <text:notes-configuration>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.86 Section 5.4, Ruby**

- a. OfficeArt Math in Word 2013 does not support this on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <text:ruby>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:style-name, contained within the element <text:ruby>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the element <text:ruby-base>, contained within the parent element <text:ruby>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute `text:style-name`, contained within the element `<text:ruby-base>`, contained within the parent element `<text:ruby>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `text:style-name`, contained within the element `<text:ruby-text>`, contained within the parent element `<text:ruby>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On save, text formatting properties on ruby text are retained if all characters in the ruby text share the same text properties.

- g. OfficeArt Math in Excel 2013 does not support this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- h. *The standard defines the element `<text:ruby>`, contained within the parent element `<chart:chart \..\ table:table \..\ paragraph-content>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the element `<text:ruby>` but does not write it on save.

- i. *The standard defines the element `<text:ruby>`, contained within the parent element `<text:p>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute `text:style-name`, contained within the element `<text:ruby>`, contained within the parent element `<chart:chart \..\ table:table \..\ paragraph-content>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `text:style-name`, contained within the element `<text:ruby>`, contained within the parent element `<text:p>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the element `<text:ruby-base>`, contained within the parent element `<chart:chart \..\ table:table \..\ text:ruby>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the element `<text:ruby-base>`, contained within the parent element `<text:ruby>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the element <text:ruby-text>, contained within the parent element <chart:chart \..\ table:table \..\ text:ruby>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the element <text:ruby-text>, contained within the parent element <text:ruby>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the attribute <text/>, contained within the element <text:ruby-text>, contained within the parent element <chart:chart \..\ table:table \..\ text:ruby>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the attribute text:style-name, contained within the element <text:ruby-text>, contained within the parent element <chart:chart \..\ table:table \..\ text:ruby>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the attribute text:style-name, contained within the element <text:ruby-text>, contained within the parent element <text:ruby>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. OfficeArt Math in PowerPoint 2013 does not support this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- t. *The standard defines the element <text:ruby>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.87 Section 5.5, Text Annotation**

- a. OfficeArt Math in Word 2013 does not support this on save for text in SmartArt and chart titles and labels.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- c. OfficeArt Math in PowerPoint 2013 does not support this on load for text in the following elements:
- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>
- d. *The standard defines the element <office:annotation>*
- This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.88 Section 5.6, Index Marks**

- a. OfficeArt Math in Word 2013 does not support this on save for text in SmartArt and chart titles and labels.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- OfficeArt Math in Excel 2013 does not support this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:
- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- OfficeArt Math in PowerPoint 2013 does not support this on load for text in the following elements:
- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.89 Section 5.7, Change Tracking and Change Marks**

- a. OfficeArt Math in Word 2013 does not support this on save for text in SmartArt and chart titles and labels.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 does not support this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.90 Section 5.8, Inline graphics and text-boxes**

- a. OfficeArt Math in Word 2013 does not support this on save for text in SmartArt and chart titles and labels.
- b. *The standard defines the element <draw:a>, contained within the parent element <text:p>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- c. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.



OfficeArt Math in Excel 2013 does not support this on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- d. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 does not support this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.91 Section 6, Text Fields**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
1. On save, Word will not preserve the text formatting on fields whose text have multiple text styles applied.
  2. On save, Word retains the resulting output text of unsupported fields as plain text.
  3. On save, nested fields (excluding those in fields which can contain <text:p> elements) are replaced by their resulting output text. This applies to the interior fields only. The containing field remains a field.
  4. On save, fields in equations are replaced by their resulting output text.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.92 Section 6.1, Common Characteristics of Field Elements**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- b. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.93 Section 6.2, Document Fields**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.94 Section 6.2.1, Date Fields**

- a. *The standard defines the element <text:date>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:data-style-name, contained within the element <text:date>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:date-adjust, contained within the element <text:date>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute text:date-value, contained within the element <text:date>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

According to section 6.2.1 of the ODF specification, the current date is assumed if no value is specified, even if the date field is marked as fixed.

- 12. On load, if the date field is fixed, Word ignores the value in the text:date-value attribute and displays the text enclosed by the <text:date> element tags. On save, Word replaces the field with the text between the <text:date> element tags.
- 13. On load, if the text between the <text:date> element tags is missing and the date field is not fixed, then Word displays nothing in the field. On save, the date field element and its contents are removed.
- 14. On load, if the date field is not fixed, Word displays the current date. On save, Word writes out the current date as the text between the <text:date> element tags. The field is retained within the document.

- e. *The standard defines the attribute text:fixed, contained within the element <text:date>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute text:date-adjust*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute text:date-value*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the element <text:date>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the element <text:date>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- j. *The standard defines the attribute style:data-style-name, contained within the element <text:date>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- k. *The standard defines the attribute `text:date-adjust`, contained within the element `<text:date>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the attribute `text:date-value`, contained within the element `<text:date>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

Date values are specified as text content between the start and end `<text:date>` element tags.

- m. *The standard defines the attribute `text:fixed`, contained within the element `<text:date>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

For fixed dates, this attribute is not used. For non-fixed dates this attribute is written out with the value "false".

## **2.1.95 Section 6.2.2, Time Fields**

- a. *The standard defines the element `<text:time>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:data-style-name`, contained within the element `<text:time>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `text:fixed`, contained within the element `<text:time>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `text:time-adjust`, contained within the element `<text:time>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `text:time-value`, contained within the element `<text:time>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

According to section 6.2.2 of the ODF spec, the current time is assumed if no value is specified, even if the time field is marked as fixed.

15. On load, if the time field is fixed, Word ignores the value in the `text:time-value` attribute and displays the text enclosed by the `<text:time>` element tags. On save, Word replaces the field with the text between the `<text:time>` element tags.

16. On load, if the text between the `<text:time>` element tags is missing and the time field is not fixed, then Word displays nothing in the field. On save, the time field element and its contents are removed.

17. On load, if the time field is not fixed, Word displays the current time. On save, Word converts the time field to a date field and writes the current time as the text between the `<text:date>` element tags.

- f. *The standard defines the attribute `text:fixed`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `text:time`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute `text:time-adjust`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `text:time-value`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the element `<text:time>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- k. *The standard defines the attribute `style:data-style-name`, contained within the element `<text:time>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- l. *The standard defines the attribute `text:fixed`, contained within the element `<text:time>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

For fixed time values, this attribute is not used. For non-fixed time values, this attribute is written out with the value "false".

- m. *The standard defines the attribute `text:time-adjust`, contained within the element `<text:time>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute `text:time-value`, contained within the element `<text:time>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.96 Section 6.2.3, Page Number Fields**

- a. *The standard defines the element `<text:page-number>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:num-format`, contained within the element `<text:page-number>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

18. On load, numbering formats that are not familiar to Word will be displayed using the Arabic numeral format (1, 2, 3...).

19. On save and load, the following strings are also supported by Word as numbering formats:

آ , ا , و , ...

آ , ا , و , ...

أ , ب , ج , ...

أ , ب , ت , ...

One, Two, Three, ...

\*, †, ‡, ...

一, 十, 一〇〇(简), ...

一, 十, 一百 (简), ...

壹, 貳, 叁, ...

ㄱ, ㄴ, ㄷ, ...

①, ②, ③, ...

①, ②, ③, ...

1., 2., 3., ...

(1), (2), (3), ...

1, 2, 3, ...

01, 02, 03, ...

가, 나, 다, ...

κ, λ, μ, ...

κ, ρ, σ, ...

1, A, B, ...

अ, आ, इ, ...

□□, □□, □□□, ...

१, २, ३, ...

क, ख, ग, ...

一, 一〇, 一〇〇, ...

(一), (二), (三), ...

壹, 貳, 參, ...

甲, 乙, 丙, ...

子, 丑, 寅, ...

甲子, 乙丑, 丙寅, ...

イ, 口, 八, ...

イ, 口, 八, ...

一, 二, 三 ...

一, 二, 三, 万, ...

壹, 貳, 參, ...

일, 이, 삼, ...

일, 일영, 일영영, ...

一, 一零, 一零零, ...

하나, 둘, 셋, ...

- 1 -, - 2 -, - 3 -, ...

1st, 2nd, 3rd, ...

First, Second, Third, ...

a, б, B, ...

A, Б, B, ...

一, 十, 一〇〇(繁), ...

一, 十, 一百 (繁), ...

一, 一〇, 一〇〇(繁), ...

□□□□, ௪ ௦ ௩ , ௪ 1 ௩ , ...

π , 卅 , 卍 , ...

๑ , ๒ , ๓ , ...

- c. *The standard defines the attribute `style:num-letter-sync`, contained within the element `<text:page-number>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `text:fixed`, contained within the element `<text:page-number>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute `text:page-adjust`, contained within the element `<text:page-number>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `text:select-page`, contained within the element `<text:page-number>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute `text:page-adjust`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `text:select-page`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the element `<text:page-number>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the element `<<text:page-number>>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- k. *The standard defines the attribute `style:num-format`, contained within the element `<<text:page-number>>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- l. *The standard defines the attribute `text:fixed`, contained within the element `<<text:page-number>>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- m. *The standard defines the attribute `text:page-adjust`, contained within the element `<<text:page-number>>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute `text:select-page`, contained within the element `<<text:page-number>>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.97 Section 6.2.4, Page Continuation Text**

- a. *The standard defines the element `<text:page-continuation>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<text:page-continuation>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element `<text:page-continuation>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.98 Section 6.2.5, Sender Fields**

- a. *The standard defines the element `<text:sender-city>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<text:sender-company>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element `<text:sender-country>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element `<text:sender-email>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element `<text:sender-fax>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <text:sender-firstname>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- g. *The standard defines the element <text:sender-initials>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- h. *The standard defines the element <text:sender-lastname>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- i. *The standard defines the element <text:sender-phone-private>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- j. *The standard defines the element <text:sender-phone-work>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- k. *The standard defines the element <text:sender-position>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- l. *The standard defines the element <text:sender-postal-code>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- m. *The standard defines the element <text:sender-state-or-province>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- n. *The standard defines the element <text:sender-street>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- o. *The standard defines the element <text:sender-title>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- p. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- q. *The standard defines the element <text:sender-city>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- r. *The standard defines the element <text:sender-company>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- s. *The standard defines the element <text:sender-country>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- t. *The standard defines the element <text:sender-email>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- u. *The standard defines the element <text:sender-fax>*



This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- v. *The standard defines the element <text:sender-firstname>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the element <text:sender-initials>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the element <text:sender-lastname>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the element <text:sender-phone-private>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the element <text:sender-phone-work>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- aa. *The standard defines the element <text:sender-position>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the element <text:sender-postal-code>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the element <text:sender-state-or-province>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *The standard defines the element <text:sender-street>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ee. *The standard defines the element <text:sender-title>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.99 Section 6.2.6, Author Fields**

- a. *The standard defines the element <text:author-initials>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <text:author-name>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- d. *The standard defines the element <text:author-initials>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the element <text:author-name>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.100 Section 6.2.7, Chapter Fields**

- a. *The standard defines the element <text:chapter>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. *The standard defines the element <text:chapter>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.101 Section 6.2.8, File Name Fields**

- a. *The standard defines the element <text:file-name>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "full", contained within the attribute text:display, contained within the element <text:file-name>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "name", contained within the attribute text:display, contained within the element <text:file-name>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word converts this value for the text:display attribute to "name-and-extension".

- d. *The standard defines the property "name-and-extension", contained within the attribute text:display, contained within the element <text:file-name>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the property "path", contained within the attribute text:display, contained within the element <text:file-name>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word converts this value for the text:display attribute to "full".

- f. *The standard defines the attribute text:fixed, contained within the element <text:file-name>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute text:display*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads in the "name" value and maps it to "name-and-extension". On save, Excel ignores "name" and writes out "name-and-extension".

- h. *The standard defines the element <text:file-name>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the element <text:file-name>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.102 Section 6.2.9, Document Template Name Fields**

- a. *The standard defines the element <text:template-name>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "area", contained within the attribute text:display, contained within the element <text:template-name>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "full", contained within the attribute text:display, contained within the element <text:template-name>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "name", contained within the attribute text:display, contained within the element <text:template-name>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word converts this value for the text:display attribute to "name-and-extension".

- e. *The standard defines the property "name-and-extension", contained within the attribute text:display, contained within the element <text:template-name>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the property "path", contained within the attribute text:display, contained within the element <text:template-name>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the property "title", contained within the attribute text:display, contained within the element <text:template-name>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the element <text:template-name>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.103 Section 6.2.10, Sheet Name Fields**

- a. *The standard defines the element <text:sheet-name>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:sheet-name>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the element <text:sheet-name>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.104 Section 6.3, Variable Fields**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.105 Section 6.3.1, Declaring Simple Variables**

- a. *The standard defines the element <text:variable-decl>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:variable-decl>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.106 Section 6.3.2, Setting Simple Variables**

- a. *The standard defines the element <text:variable-set>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:variable-set>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.107 Section 6.3.3, Displaying Simple Variables**

- a. *The standard defines the element <text:variable-get>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:variable-get>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.108 Section 6.3.4, Simple Variable Input Fields**

- a. *The standard defines the element <text:variable-input>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:variable-input>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.109 Section 6.3.5, Declaring User Variables**

- a. *The standard defines the element <text:user-field-decl>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:user-field-del>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.110 Section 6.3.6, Displaying User Variables**

- a. *The standard defines the element <text:user-field-get>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:user-field-get>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.111 Section 6.3.7, User Variable Input Fields**

- a. *The standard defines the element <text:user-field-input>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:user-field-input>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.112 Section 6.3.8, Declaring Sequence Variables**

- a. *The standard defines the element <text:sequence-decl>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:sequence-del>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.113 Section 6.3.9, Using Sequence Fields**

- a. *The standard defines the element <text:sequence>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:sequence>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.114 Section 6.3.10, Expression Fields**

- a. *The standard defines the element <text:expression>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:expression>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.115 Section 6.3.11, Text Input Fields**

- a. *The standard defines the element <text:text-input>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:text-input>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.116 Section 6.4, Metadata Fields**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.117 Section 6.4.1, Initial Creator**

- a. *The standard defines the element <text:initial-creator>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:initial-creator>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.118 Section 6.4.2, Document Creation Date**

- a. *The standard defines the element <text:creation-date>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word always assumes that the <text:creation-date> element in the meta.xml is written in UTC (Coordinated Universal Time). On save, Word always saves the <text:creation-date> in the meta.xml as UTC by using the "Z" suffix in the time stamp.

- b. *The standard defines the attribute style:data-style-name, contained within the element <text:creation-date>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:fixed, contained within the element <text:creation-date>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On save, if the field is fixed, Word replaces the <text:creation-date> field with its resulting output text.

- d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <text:creation-date>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.119 Section 6.4.3, Document Creation Time**

- a. *The standard defines the element <text:creation-time>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

20. On load, Word always assumes that the <text:creation-date> element in the meta.xml is written in UTC (Coordinated Universal Time). On save, Word always saves the <text:creation-date> in the meta.xml as UTC by using the "Z" suffix in the time stamp.

21. On load, Word converts <text:creation-time> elements to <text:creation-date> elements.

- b. *The standard defines the attribute style:data-style-name, contained within the element <text:creation-time>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:fixed, contained within the element <text:creation-time>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On save, if the field is fixed, Word replaces the <text:creation-time> field with its resulting output text.

- d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <text:creation-time>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.120 Section 6.4.4, Document Description**

- a. *The standard defines the element <text:description>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:description>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.121 Section 6.4.5, User-Defined Document Information**

- a. *The standard defines the element <text:user-defined>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:user-defined>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.122 Section 6.4.6, Print Time**

- a. *The standard defines the element <text:print-time>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word converts <text:print-time> elements to <text:print-date> elements.

- b. *The standard defines the attribute style:data-style-name, contained within the element <text:print-time>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:fixed, contained within the element <text:print-time>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On save, if the field is fixed, Word replaces the <text:print-time> field with its resulting output text.

- d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <text:print-time>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.123 Section 6.4.7, Print Date**

- a. *The standard defines the element <text:print-date>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.



- b. *The standard defines the attribute style:data-style-name, contained within the element <text:print-date>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:fixed, contained within the element <text:print-date>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On save, if the field is fixed, Word replaces the <text:print-date> field with its resulting output text.

- d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <text:print-date>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.124 Section 6.4.8, Printed By**

- a. *The standard defines the element <text:printed-by>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:printed-by>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.125 Section 6.4.9, Document Title**

- a. *The standard defines the element <text:title>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:title>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.126 Section 6.4.10, Document Subject**

- a. *The standard defines the element <text:subject>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:subject>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.127 Section 6.4.11, Document Keywords**

- a. *The standard defines the element <text:keywords>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:keywords>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.128 Section 6.4.12, Document Revision Number**

- a. *The standard defines the element <text:editing-cycles>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:editing-cycles>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.129 Section 6.4.13, Document Edit Duration**

- a. *The standard defines the element <text:editing-duration>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:editing-duration>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.130 Section 6.4.14, Document Modification Time**

- a. *The standard defines the element <text:modification-time>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word converts <text:modification-time> elements to <text:modification-date> elements.

- b. *The standard defines the attribute style:data-style-name, contained within the element <text:modification-time>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:fixed, contained within the element <text:modification-time>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On save, if the field is fixed, Word replaces the <text:modification-time> field with its resulting output text.

d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

e. *The standard defines the element <text:modification-time>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.131 Section 6.4.15, Document Modification Date**

a. *The standard defines the element <text:modification-date>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word always assumes that the <text:modification-date> element in the meta.xml is written in UTC (Coordinated Universal Time). On save, Word always saves the <dc:date> in the meta.xml as UTC by using the "Z" suffix in the time stamp.

b. *The standard defines the attribute style:data-style-name, contained within the element <text:modification-date>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

c. *The standard defines the attribute text:fixed, contained within the element <text:modification-date>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On save, if the field is fixed, Word replaces the <text:modification-date> field with its resulting output text.

d. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

e. *The standard defines the element <text:modification-date>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.132 Section 6.4.16, Document Modified By**

a. *The standard defines the element <text:creator>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the element <text:creator>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.133 Section 6.4.17, Document Statistics Fields**

a. *The standard defines the element <text:character-count>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. *The standard defines the element <text:image-count>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <text:object-count>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- d. *The standard defines the element <text:page-count>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- e. *The standard defines the element <text:paragraph-count>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- f. *The standard defines the element <text:table-count>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- g. *The standard defines the element <text:word-count>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- h. *The standard defines the attribute text:character-count*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- i. *The standard defines the attribute text:image-count*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- j. *The standard defines the attribute text:object-count*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- k. *The standard defines the attribute text:page-count*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- l. *The standard defines the attribute text:paragraph-count*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- m. *The standard defines the attribute text:table-count*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- n. *The standard defines the attribute text:word-count*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- o. *The standard defines the element <text:character-count>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- p. *The standard defines the element <text:image-count>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- q. *The standard defines the element <text:object-count>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the element <text:page-count>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the element <text:paragraph-count>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- t. *The standard defines the element <text:table-count>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *The standard defines the element <text:word-count>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.134 Section 6.5, Database Fields**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.  
b. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.135 Section 6.5.1, Database Field Data Source**

- a. *The standard defines the element <form:connection-resource>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This implementer note references the following standards:

22. [\[ISO/IEC-29500:2008\]](http://standards.iso.org/ittf/PubliclyAvailableStandards/index.html) International Organization for Standardization, "Information technology -- Document description and processing languages -- Office Open XML File Formats -- Parts 1-4", <http://standards.iso.org/ittf/PubliclyAvailableStandards/index.html>.  
23. [\[RFC3986\]](http://www.ietf.org/rfc/rfc3986.txt) Berners-Lee, T., Fielding, R., and Masinter, L., "Uniform Resource Identifier (URI): Generic Syntax", January 2005, <http://www.ietf.org/rfc/rfc3986.txt>.

Word can support only one database connection per document. On load Word uses the first <form:connection-resource> element in the document as the database connection for the entire document.

On save Word constructs a string that is the value for the xlink:href attribute for the form:connection-resource element from elements as specified in [ISO/IEC-29500:2008] part 1, section 17.14. The string is comprised of four different parts.

The last three parts of the string contain the properties required by Word to complete a mail merge connection. Each property is represented by a key/value pair that is linked by an equals sign ("="). Multiple properties are separated by an ampersand (denoted as "&").

#### Part 1

The first part contains the complete path of the data source, as specified in [RFC3986]. This portion of the string is terminated by a number sign ("#"). The path comes directly from the dataType key as described in part 2 in this section. If the dataType key is empty, then the path will be empty also, and the xlink:href attribute's value starts from "#".

#### Part 2

The second part of the string contains keys as specified in mainDocumentType Key. The description for each of these keys matches that of an element in [ISO/IEC-29500:2008]. The relevant section of the specification is identified with the name of the key.

#### mainDocumentType Key

The definition of the mainDocumentType key is specified in [ISO/IEC-29500:2008] section 17.14.22. The enumerations specified in [ISO/IEC-29500:2008] are represented by the following values in this key:

- "0" represents formLetters
- "1" represents mailingLabels
- "2" represents envelopes
- "3" represents catalog
- "4" represents email
- "5" represents fax

#### linktoQuery Key

The definition of the linktoQuery key is described in [ISO/IEC-29500:2008] section 17.14.18. The enumerations described in the specification are represented by the following values in this key:

- "0" represents false
- "1" represents true

#### dataType Key

The definition of the dataType key is described in [ISO/IEC-29500:2008] section 17.14.22. The enumerations described in the specification are represented by the following values in this key:

- "0" represents textFile
- "1" represents database
- "2" represents spreadsheet
- "3" represents query
- "4" represents odbc
- "5" represents native

#### connectString Key

The definition and possible values for the connectString key are described in [ISO/IEC-29500:2008] section 17.14.8.

#### query Key

The definition and possible values for the query key are described in [ISO/IEC-29500:2008] section 17.14.26.

#### dataSource Key

The definition and possible values for the dataSource key are described in [ISO/IEC-29500:2008] section 17.14.9.

#### headerSource Key

The definition and possible values for the headerSource key are described in [ISO/IEC-29500:2008] section 17.14.16.

#### doNotSuppressBlankLines Key

The definition of the doNotSuppressBlankLines key is described in [ISO/IEC-29500:2008] section 17.14.12. The enumerations described in the specification are represented by the following values in this key:

- "0" represents false
- "1" represents true

destination Key

The definition of the destination key is described in [ISO/IEC-29500:2008] section 17.14.19. The enumerations described in the specification are represented by the following values in this key:

- "0" represents newDocument
- "1" represents printer
- "2" represents email
- "3" represents fax

addressFieldName Key

The definition and possible values for the addressFieldName key are described in [ISO/IEC-29500:2008] section 17.14.3.

mailSubject Key

The definition and possible values for the mailSubject key are described in [ISO/IEC-29500:2008] section 17.14.21.

mailAsAttachment Key

The definition of the mailAsAttachment key is described in [ISO/IEC-29500:2008] section 17.14.19. The enumerations described in the specification are represented by the following values in this key:

- "0" represents false
- "1" represents true

viewMergedData Key

The definition of the viewMergedData key is described in [ISO/IEC-29500:2008] section 17.14.36. The enumerations described in the specification are represented by the following values in this key:

- "0" represents false
- "1" represents true

activeRecord Key

The definition and possible values for the activeRecord key are described in [ISO/IEC-29500:2008] section 17.14.2.

checkErrors Key

The definition and possible values for the checkErrors key are described in [ISO/IEC-29500:2008] section 17.14.4.

odsoUd Key

The definition and possible values for the odsoUd key are described in [ISO/IEC-29500:2008] section 17.14.34. Word only writes this key if the dataType key is the "native" value.

odsoTable Key

The definition and possible values for the `odsoTable` key are described in [ISO/IEC-29500:2008] section 17.14.31. Word only writes this key if the `dataType` key is the "native" value.

#### `odsoSrc` Key

The definition and possible values for the `odsoSrc` key are described in [ISO/IEC-29500:2008] section 17.14.30. Word only writes this key if the `dataType` key is the "native" value.

#### `odsoColDelim` Key

The definition and possible values for the `odsoColDelim` key are described in [ISO/IEC-29500:2008] section 17.14.5. Word only writes this key if the `dataType` key is the "native" value.

#### `odsoType` Key

The definition and possible values for the `odsoType` key are described in [ISO/IEC-29500:2008] section 17.14.32. Word only writes this key if the `dataType` key is the "native" value.

#### `odsoFHdr` Key

The definition and possible values for the `odsoFHdr` key are described in [ISO/IEC-29500:2008] section 17.14.14. Word only writes this key if the `dataType` key is the "native" value.

### Part 3

The third part of the string is used to describe the properties of each column in the data source. The properties for a given column follow the same key/value syntax as described previously in part 2.

#### `fieldMapType` Key

The definition of the `fieldMapType` key is described in [ISO/IEC-29500:2008] section 17.14.33. The enumerations described in the specification are represented by the following values in this key:

- "0" represents null
- "1" represents `dbColumn`
- "2" represents `addressBlock`
- "3" represents `salutation`
- "4" represents `mapped`
- "5" represents `barcode`

#### `fieldMapName` Key

The definition and possible values for the `fieldMapName` key are described in [ISO/IEC-29500:2008] section 17.14.24.

#### `fieldMapMappedName` Key

The definition and possible values for the `fieldMapMappedName` key are described in [ISO/IEC-29500:2008] section 17.14.23.

#### `fieldMapColumn` Key

The definition and possible values for the `fieldMapColumn` key are described in [ISO/IEC-29500:2008] section 17.14.6.

#### `fieldMapDynamicAddress` Key

The definition and possible values for the `fieldMapDynamicAddress` key are described in [ISO/IEC-29500:2008] section 17.14.13.



#### fieldMapLid Key

The definition and possible values for the fieldMapLid key are described in [ISO/IEC-29500:2008] section 17.14.17.

#### fieldMapDataEnd Key

The fieldMapDataEnd key specifies that there is no more information for a single column. The value of the key is a one-based index of the column within a given external data source.

#### Part 4

The last part of the string is used to describe the properties of each recipient in the mail merge. The properties for a given recipient follow the same key/value syntax as described previously in part 2.

#### recipientActive Key

The definition and possible values for the recipientActive key are described in [ISO/IEC-29500:2008] section 17.14.28.

#### recipientHash Key

The definition and possible values for the recipientHash key are described in [ISO/IEC-29500:2008] section 17.14.27.

#### recipientColumn Key

The definition and possible values for the recipientColumn key are described in [ISO/IEC-29500:2008] section 17.14.6.

#### recipientUniqueTag Key

The definition and possible values for the recipientUniqueTag key are described in [ISO/IEC-29500:2008] section 17.14.7.

#### recipientDataEnd Key

The recipientDataEnd key specifies that there is no more information for a single recipient. The value of the key is a one-based index value, which is used to look up the appropriate recipient in the data source.

The following example shows a connection string saved by Word to connect to the data source that is being used by the mail merge:

```
<text:database-display text:table-name="Sheet1$" text:table-type="table" text:column-
name="Title"><form:connection-resource
xlink:href="file:///\\word\public\user\sample%20mail%20merge%20data%20sources\Word%20C
reate%20Date.xls#mainDocumentType=0&linkToQuery=1&dataType=5&connectS
tring=Provider%3DMicrosoft.ACE.OLEDB.12.0;User%20ID%3DAdmin;Data%20Source%3D\\word
\public\user\sample%20mail%20merge%20data%20sources\Word%20Create%20Date.xls;Mode
%3DRead;Extended%20Properties%3D%22HDR%3DYES;IMEX%3D1;%22;Jet%20OLEDB:System
%20database%3D%22%22;Jet%20OLEDB:Registry%20Path%3D%22%22;Jet%20OLEDB:Engine
%20Type%3D35;Jet%20OLEDB:Database%20Locking%20Mode%3D0;Jet%20OLEDB:Global%20P
artial%20Bulk%20Ops%3D2;Jet%20OLEDB:Global%20Bulk%20Transactions%3D1;Jet%20OLEDB
:New%20Database%20Password%3D%22%22;Jet%20OLEDB:Create%20System%20Database%
3DFalse;Jet%20OLEDB:Encrypt%20Database%3DFalse;Jet%20OLEDB:Don't%20Copy%20Locale
%20on%20Compact%3DFalse;Jet%20OLEDB:Compact%20Without%20Replica%20Repair%3DFal
se;Jet%20OLEDB:SFP%3DFalse;Jet%20OLEDB:Support%20Complex%20Data%3DFalse&que
ry=SELECT%20*%20FROM%20%60Sheet1$%60%20&dataSource=\\word\public\user\samp
le%20mail%20merge%20data%20sources\Word%20Create%20Date.xls&activeRecord=4&
```

mp;odsoUdl=Provider%3DMicrosoft.ACE.OLEDB.12.0;User%20ID%3DAdmin;Data%20Source%3D\\word\public\user\sample%20mail%20merge%20data%20sources\Word%20Create%20Date.xls;Mode%3DRead;Extended%20Properties%3D%22HDR%3DYES;IMEX%3D1;%22;Jet%20OLEDB:System%20database%3D%22%22;Jet%20OLEDB:Registry%20Path%3D%22%22;Jet%20OLEDB:Engine%20Type%3D35;Jet%20OLEDB:Database%20Locking%20Mode%3D0;Jet%20OLEDB:Global%20Partial%20Bulk%20Ops%3D2;Jet%20OLEDB:Global%20Bulk%20Transactions%3D1;Jet%20OLEDB:New%20Database%20Password%3D%22%22;Jet%20OLEDB:Create%20System%20Database%3DFalse;Jet%20OLEDB:Encrypt%20Database%3DFalse;Jet%20OLEDB:Don't%20Copy%20Locale%20on%20Compact%3DFalse;Jet%20OLEDB:Compact%20Without%20Replica%20Repair%3DFalse;Jet%20OLEDB:SFP%3DFalse;Jet%20OLEDB:Support%20Complex%20Data%3DFalse&mp;odsoTable=Sheet1\$&odsoSrc=\\word\public\user\sample%20mail%20merge%20data%20sources\Word%20Create%20Date.xls&odsoColDelim=9&odsoType=1&odsoFHDR=1&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=1&fieldMapType=1&fieldMapName=Title&fieldMapMappedName=Courtesy%20Title&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=2&fieldMapType=1&fieldMapName=First%20Name&fieldMapMappedName=First%20Name&fieldMapColumn=1&fieldMapLid=1033&fieldMapDataEnd=3&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=4&fieldMapType=1&fieldMapName=Last%20Name&fieldMapMappedName=Last%20Name&fieldMapColumn=2&fieldMapLid=1033&fieldMapDataEnd=5&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=6&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=7&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=8&fieldMapType=1&fieldMapName=Company%20Name&fieldMapMappedName=Company&fieldMapColumn=3&fieldMapLid=1033&fieldMapDataEnd=9&fieldMapType=1&fieldMapName=Address%20Line%201&fieldMapMappedName=Address%201&fieldMapColumn=4&fieldMapLid=1033&fieldMapDataEnd=10&fieldMapType=1&fieldMapName=Address%20Line%202&fieldMapMappedName=Address%202&fieldMapColumn=5&fieldMapLid=1033&fieldMapDataEnd=11&fieldMapType=1&fieldMapName=City&fieldMapMappedName=City&fieldMapColumn=6&fieldMapLid=1033&fieldMapDataEnd=12&fieldMapType=1&fieldMapName=State&fieldMapMappedName=State&fieldMapColumn=7&fieldMapLid=1033&fieldMapDataEnd=13&fieldMapType=1&fieldMapName=ZIP%20Code&fieldMapMappedName=Postal%20Code&fieldMapColumn=8&fieldMapLid=1033&fieldMapDataEnd=14&fieldMapType=1&fieldMapName=Country&fieldMapMappedName=Country%20or%20Region&fieldMapColumn=9&fieldMapLid=1033&fieldMapDataEnd=15&fieldMapType=1&fieldMapName=Work%20Phone&fieldMapMappedName=Business%20Phone&fieldMapColumn=11&fieldMapLid=1033&fieldMapDataEnd=16&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=17&fieldMapType=1&fieldMapName=Home%20Phone&fieldMapMappedName=Home%20Phone&fieldMapColumn=10&fieldMapLid=1033&fieldMapDataEnd=18&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=19&fieldMapType=1&fieldMapName=E-mail%20Address&fieldMapMappedName=E-mail%20Address&fieldMapColumn=12&fieldMapLid=1033&fieldMapDataEnd=20&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=21&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=22&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=23&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=24&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=25&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=26&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=27&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=28&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=29&fieldMapColumn=0&fieldMapLid=1033&fieldMapDataEnd=30&recipientActive=1&recipientHash=-1949734214&recipientDataEnd=1&recipientActive=1&recipientHash=870254691&recipientDataEnd=2&recipientActive=0&recipientHash=-1107777181&recipientDataEnd=3&recipientActive=1&recipientHash=-1973497891&recipientDataEnd=4&recipientActive=0&recipientHash=2014681738&recipientDataEnd=5&recipientActive=1&recipientHash=571221072&recipientDataEnd=6&recipientActive=1&recipientHash=0&recipientDataEnd=7"/>«Title»</text:database-display>

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.136 Section 6.5.2, Displaying Database Content**

- a. *The standard defines the element <text:database-display>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. *The standard defines the element <text:database-display>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.137 Section 6.5.3, Selecting the Next Database Row**

- a. *The standard defines the element <text:database-next>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.138 Section 6.5.4, Selecting a Row Number**

- a. *The standard defines the element <text:database-row-select>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.139 Section 6.5.5, Displaying the Row Number**

- a. *The standard defines the element <text:database-row-number>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.140 Section 6.5.6, Display Current Database and Table**

- a. *The standard defines the element <text:database-name>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.141 Section 6.6, More Fields**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- b. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.142 Section 6.6.1, Page Variable Fields**

- a. *The standard defines the element <text:variable-page-set>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:variable-page-get>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the element <text:variable-page-set>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.143 Section 6.6.2, Placeholders**

- a. *The standard defines the element <text:placeholder>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:placeholder>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.144 Section 6.6.3, Conditional Text Fields**

- a. *The standard defines the element <text:conditional-text>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:conditional-text>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.145 Section 6.6.4, Hidden Text Field**

- a. *The standard defines the element <text:hidden-text>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:hidden-text>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.146 Section 6.6.5, Reference Fields**

- a. *The standard defines the element <text:bookmark-ref>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "chapter", contained within the attribute text:reference-format, contained within the element <text:bookmark-ref>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "direction", contained within the attribute text:reference-format, contained within the element <text:bookmark-ref>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "page", contained within the attribute text:reference-format, contained within the element <text:bookmark-ref>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the property "text", contained within the attribute text:reference-format, contained within the element <text:bookmark-ref>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute text:ref-name, contained within the element <text:bookmark-ref>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the element <text:note-ref>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- h. *The standard defines the attribute text:note-class, contained within the element <text:note-ref>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- i. *The standard defines the property "chapter", contained within the attribute text:reference-format, contained within the element <text:note-ref>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the property "direction", contained within the attribute text:reference-format, contained within the element <text:note-ref>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- k. *The standard defines the property "page", contained within the attribute text:reference-format, contained within the element <text:note-ref>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- l. *The standard defines the property "text", contained within the attribute text:reference-format, contained within the element <text:note-ref>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- m. *The standard defines the attribute text:ref-name, contained within the element <text:note-ref>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- n. *The standard defines the element <text:reference-ref>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- 24. On load, Word converts the element <text:reference-ref> to <text:bookmark-ref>.

- 25. On save, the hyperlink to the object being referenced is lost.

- o. *The standard defines the property "chapter", contained within the attribute text:reference-format, contained within the element <text:reference-ref>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- p. *The standard defines the property "direction", contained within the attribute text:reference-format, contained within the element <text:reference-ref>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- q. *The standard defines the property "page", contained within the attribute text:reference-format, contained within the element <text:reference-ref>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- r. *The standard defines the property "text", contained within the attribute text:reference-format, contained within the element <text:reference-ref>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- s. *The standard defines the attribute text:ref-name, contained within the element <text:reference-ref>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- t. *The standard defines the element <text:sequence-ref>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- u. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the element <text:bookmark-ref>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the element <text:note-ref>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the element <text:reference-ref>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.147 Section 6.6.6, Script Fields**

- a. *The standard defines the element <text:script>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:script>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.148 Section 6.6.7, Macro Fields**

- a. *The standard defines the element <text:execute-macro>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:execute-macro>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.149 Section 6.6.8, Hidden Paragraph Fields**

- a. *The standard defines the element <text:hidden-paragraph>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:hidden-paragraph>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.150 Section 6.6.9, DDE Connection Fields**

- a. *The standard defines the element <text:dde-connection>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:dde-connection>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.151 Section 6.6.10, Measure Fields**

- a. *The standard defines the element <text:measure>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:measure>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.152 Section 6.6.11, Table Formula Field**

- a. *The standard defines the element <text:table-formula>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:table-formula>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.153 Section 6.7, Common Field Attributes**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.154 Section 6.7.1, Variable Value Types and Values**

- a. *The standard defines the attribute office:boolean-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute office:currency, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute office:date-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute office:string-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute office:time-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute office:value, contained within the element <table:covered-table-cell>*



This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the property "boolean", contained within the attribute office:value-type, contained within the element <table:covered-table-cell>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the property "currency", contained within the attribute office:value-type, contained within the element <table:covered-table-cell>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the property "date", contained within the attribute office:value-type, contained within the element <table:covered-table-cell>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the property "float", contained within the attribute office:value-type, contained within the element <table:covered-table-cell>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the property "percentage", contained within the attribute office:value-type, contained within the element <table:covered-table-cell>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the property "string", contained within the attribute office:value-type, contained within the element <table:covered-table-cell>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the property "time", contained within the attribute office:value-type, contained within the element <table:covered-table-cell>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute office:boolean-value, contained within the element <table:table-cell>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the attribute office:currency, contained within the element <table:table-cell>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the attribute office:date-value, contained within the element <table:table-cell>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the attribute office:string-value, contained within the element <table:table-cell>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- r. *The standard defines the attribute office:time-value, contained within the element <table:table-cell>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the attribute office:value, contained within the element <table:table-cell>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- t. *The standard defines the property "boolean", contained within the attribute office:value-type, contained within the element <table:table-cell>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- u. *The standard defines the property "currency", contained within the attribute office:value-type, contained within the element <table:table-cell>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- v. *The standard defines the property "date", contained within the attribute office:value-type, contained within the element <table:table-cell>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- w. *The standard defines the property "float", contained within the attribute office:value-type, contained within the element <table:table-cell>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- x. *The standard defines the property "percentage", contained within the attribute office:value-type, contained within the element <table:table-cell>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- y. *The standard defines the property "string", contained within the attribute office:value-type, contained within the element <table:table-cell>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- z. *The standard defines the property "time", contained within the attribute office:value-type, contained within the element <table:table-cell>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- aa. *The standard defines the attribute office:value-type*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.155 Section 6.7.2, Fixed**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute text:fixed*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.156 Section 6.7.3, Variable Name**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute text:name*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.157 Section 6.7.4, Description**

- a. *The standard defines the attribute text:description*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute text:description*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.158 Section 6.7.5, Display**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute text:Display*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.159 Section 6.7.6, Formula**

- a. *The standard defines the attribute text:formula*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute text:formula*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.160 Section 6.7.7, Formatting Style**

- a. *The standard defines the attribute text:data-style-name*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:data-style-name*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.161 Section 6.7.8, Number Formatting Style**

- a. *The standard defines the attribute style:num-format*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

See Section 12.2.2 for supported formats.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes.

c. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.162 Section 7, Text Indices**

a. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.163 Section 7.1, Index Marks**

a. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.164 Section 7.1.1, Table of Content Index Marks**

a. *The standard defines the element <text:toc-mark>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. *The standard defines the attribute text:outline-level, contained within the element <text:toc-mark>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

c. *The standard defines the attribute text:string-value, contained within the element <text:toc-mark>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

d. *The standard defines the element <text:toc-mark-end>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word collapses the range encapsulated by a <text:toc-mark-start> element and a <text:toc-mark-end> element to a single <text:toc-mark> element.

- e. *The standard defines the element <text:toc-mark-start>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word collapses the range encapsulated by a <text:toc-mark-start> element and a <text:toc-mark-end> element to a single <text:toc-mark> element.

- f. *The standard defines the attribute text:id, contained within the element <text:toc-mark-start>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute text:outline-level, contained within the element <text:toc-mark-start>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the element <text:toc-mark>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- i. *The standard defines the element <text:toc-mark-end>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *The standard defines the element <text:toc-mark-start>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.165 Section 7.1.2, User-Defined Index Marks**

- a. *The standard defines the element <text:user-index-mark>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:user-index-mark-end>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <text:user-index-mark-start>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <text:user-index-mark>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the element <text:user-index-mark-end>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the element <text:user-index-mark-start>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## 2.1.166 Section 7.1.3, Alphabetical Index Mark

- a. *The standard defines the element <text:alphabetical-index-mark>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute text:key1, contained within the element <text:alphabetical-index-mark>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:key1-phonetic, contained within the element <text:alphabetical-index-mark>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute text:key2, contained within the element <text:alphabetical-index-mark>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute text:key2-phonetic, contained within the element <text:alphabetical-index-mark>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute text:main-entry, contained within the element <text:alphabetical-index-mark>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute text:string-value, contained within the element <text:alphabetical-index-mark>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the attribute text:string-value-phonetic, contained within the element <text:alphabetical-index-mark>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the element <text:alphabetical-index-mark-end>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word collapses the range encapsulated by a <text:alphabetical-index-mark-start> element and <text:alphabetical-index-mark-end> element to a single <text:alphabetical-index-mark> element.

- j. *The standard defines the element <text:alphabetical-index-mark-start>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word collapses the range encapsulated by a <text:alphabetical-index-mark-start> element and <text:alphabetical-index-mark-end> element to a single <text:alphabetical-index-mark> element.

- k. *The standard defines the attribute text:id, contained within the element <text:alphabetical-index-mark-start>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- l. *The standard defines the attribute `text:key1`, contained within the element `<text:alphabetical-index-mark-start>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute `text:key1-phonetic`, contained within the element `<text:alphabetical-index-mark-start>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- n. *The standard defines the attribute `text:key2`, contained within the element `<text:alphabetical-index-mark-start>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- o. *The standard defines the attribute `text:key2-phonetic`, contained within the element `<text:alphabetical-index-mark-start>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- p. *The standard defines the attribute `text:main-entry`, contained within the element `<text:alphabetical-index-mark-start>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- q. *The standard defines the attribute `text:string-value-phonetic`, contained within the element `<text:alphabetical-index-mark-start>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- r. *The standard defines the element `<text:alpha-index-mark>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the element `<text:alpha-index-mark-end>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- t. *The standard defines the element `<text:alpha-index-mark-start>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.167 Section 7.1.4, Bibliography Index Mark**

- a. *The standard defines the element `<text:bibliography-mark>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<text:bibliography-mark>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.168 Section 7.2, Index Structure**

- a. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.169 Section 7.2.1, Index Source**

- a. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.170 Section 7.2.2, Index Body Section**

- a. *The standard defines the element <text:index-body>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <text:index-body>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.171 Section 7.2.3, Index Title Section**

- a. *The standard defines the element <text:index-title>, contained within the parent element <text:index-body>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:index-title>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.172 Section 7.3, Table Of Content**

- a. *The standard defines the element <text:table-of-content>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute text:style-name, contained within the element <text:table-of-content>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores the table of contents style and uses a default table of contents style.

On save, Word writes out the style of the table of contents.

- c. *The standard defines the element <text:table-of-content>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.173 Section 7.3.1, Table of Content Source**

- a. *The standard defines the element <text:table-of-content-source>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute text:index-scope, contained within the element <text:table-of-content-source>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word reverts to a default of "document" for all values of the text:index-scope attribute.



- c. *The standard defines the attribute `text:outline-level`, contained within the element `<text:table-of-content-source>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `text:relative-tab-stop-position`, contained within the element `<text:table-of-content-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `text:use-index-marks`, contained within the element `<text:table-of-content-source>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `text:use-index-source-styles`, contained within the element `<text:table-of-content-source>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute `text:user-outline-level`, contained within the element `<text:table-of-content-source>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

#### **2.1.174 Section 7.3.2, Table of Content Entry Template**

- a. *The standard defines the element `<text:table-of-content-entry-template>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores the table of contents style and uses a default table of contents style.

On save, Word writes out the style of the table of contents.

#### **2.1.175 Section 7.4, Index of Illustrations**

- a. *The standard defines the element `<text:illustration-index>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<text:illustration-index>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.176 Section 7.4.1, Index of Illustration Source**

- a. *The standard defines the element `<text:illustration-index-source>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

#### **2.1.177 Section 7.4.2, Illustration Index Entry Template**

- a. *The standard defines the element `<text:illustration-index-entry-template>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.178 Section 7.5, Index of Tables**

- a. *The standard defines the element <text:table-index>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:table-index>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.179 Section 7.5.1, Table Index Source**

- a. *The standard defines the element <text:table-index-source>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.180 Section 7.5.2, Table Index Entry Template**

- a. *The standard defines the element <text:table-index-entry-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.181 Section 7.6, Index of Objects**

- a. *The standard defines the element <text:object-index>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:object-index>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.182 Section 7.6.1, Object Index Source**

- a. *The standard defines the element <text:object-index-source>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.183 Section 7.6.2, Object Index Entry Template**

- a. *The standard defines the element <text:object-index-entry-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.184 Section 7.7, User-Defined Index**

- a. *The standard defines the element <text:user-index>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:user-index>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.185 Section 7.7.1, User-Defined Index Source**

- a. *The standard defines the element <text:user-index-source>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.186 Section 7.7.2, User-Defined Index Entry Template**

- a. *The standard defines the element <text:user-index-entry-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.187 Section 7.8, Alphabetical Index**

- a. *The standard defines the element <text:alphabetical-index>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <text:alphabetical-index>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.188 Section 7.8.1, Alphabetical Index Source**

- a. *The standard defines the element <text:alphabetical-index-source>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute fo:country, contained within the element <text:alphabetical-index-source>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute fo:language, contained within the element <text:alphabetical-index-source>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute text:alphabetical-separators, contained within the element <text:alphabetical-index-source>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute text:capitalize-entries, contained within the element <text:alphabetical-index-source>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute text:combine-entries, contained within the element <text:alphabetical-index-source>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute text:combine-entries-with-dash, contained within the element <text:alphabetical-index-source>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute `text:combine-entries-with-pp`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute `text:comma-separated`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute `text:ignore-case`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- k. *The standard defines the attribute `text:index-scope`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word reverts to a default of "document" for all values of the `text:index-scope` attribute.

- l. *The standard defines the attribute `text:main-entry-style-name`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute `text:relative-tab-stop-position`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- n. *The standard defines the attribute `text:sort-algorithm`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- o. *The standard defines the attribute `text:use-keys-as-entries`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.189 Section 7.8.2, Auto Mark File**

- a. *The standard defines the element `<text:alphabetical-index-auto-mark-file>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.190 Section 7.8.3, Alphabetical Index Entry Template**

- a. *The standard defines the element `<text:alphabetical-index-entry-template>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.191 Section 7.9, Bibliography**

- a. *The standard defines the element `<text:bibliography>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:bibliography-mark>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.192 Section 7.9.1, Bibliography Index Source**

- a. *The standard defines the element <text:bibliography-source>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.193 Section 7.9.2, Bibliography Entry Template**

- a. *The standard defines the element <text:bibliography-entry-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.194 Section 7.10, index source styles**

- a. *The standard defines the element <text:index-source-styles>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute text:outline-level, contained within the element <text:index-source-styles>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the element <text:index-source-styles>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.195 Section 7.10.1, Index source style**

- a. *The standard defines the element <text:index-source-style>, contained within the parent element <text:index-source-styles>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:style-name, contained within the element <text:index-source-style>, contained within the parent element <text:index-source-styles>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

### **2.1.196 Section 7.11, Index title template**

- a. *The standard defines the element <text:index-title-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:index-title-template>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.197 Section 7.12.1, Chapter Information**

- a. *The standard defines the element <text:index-entry-chapter>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute text:display, contained within the element <text:index-entry-chapter>*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- c. *The standard defines the attribute text:style-name, contained within the element <text:index-entry-chapter>*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- d. *The standard defines the element <text:index-entry-chapter>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.198 Section 7.12.2, Entry Text**

- a. *The standard defines the element <text:index-entry-text>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the attribute text:style-name, contained within the element <text:index-entry-text>*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
  
On load, Word ignores this element and reverts to a default index style. On save, Word writes this element within its table of contents and index.
- c. *The standard defines the element <text:index-entry-text>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.199 Section 7.12.3, Page Number**

- a. *The standard defines the element <text:index-entry-page-number>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the attribute text:style-name, contained within the element <text:index-entry-page-number>*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
  
On load, Word ignores this element and reverts to a default index style. On save, Word writes this element within its table of contents and index.
- c. *The standard defines the element <text:index-entry-page-number>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.200 Section 7.12.4, Fixed String**

- a. *The standard defines the element <text:index-entry-span>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:index-entry-span>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.201 Section 7.12.5, Bibliography Information**

- a. *The standard defines the element <text:index-entry-bibliography>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:index-entry-bibliography>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.202 Section 7.12.6, Tab Stop**

- a. *The standard defines the element <text:index-entry-tab-stop>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word ignores this element and uses a default style to format tables of contents and indexes. On save, Word saves this element for tables of contents, but not for indexes.

- b. *The standard defines the attribute style:leader-char, contained within the element <text:index-entry-tab-stop>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word ignores this element and uses a default style to format tables of contents and indexes. On save, Word saves this element for tables of contents, but not for indexes.

- c. *The standard defines the attribute style:position, contained within the element <text:index-entry-tab-stop>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute style:type, contained within the element <text:index-entry-tab-stop>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <text:index-entry-tab-stop>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.203 Section 7.12.7, Hyperlink Start and End**

- a. *The standard defines the element <text:index-entry-link-end>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `text:style-name`, contained within the element `<text:index-entry-link-end>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element `<text:index-entry-link-start>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `text:style-name`, contained within the element `<text:index-entry-link-start>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element `<text:index-entry-link-end>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the element `<text:index-entry-link-start>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.204 Section 7.12.8, Example of an Index Entry Configuration**

- a. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.205 Section 8, Tables**

- a. *The standard defines the parent element `<chart:chart \.. \>`*

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.206 Section 8.1, Basic Table Model**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the parent element `<chart:chart \.. \>`*

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.207 Section 8.1.1, Table Element**

- a. *The standard defines the element `<table:table>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On save, Word converts floating tables to inline tables.

- b. *The standard defines the element `<table:table>`, contained within the parent element `<draw:text-box>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, tables in textboxes are supported.



On save, a Word frame becomes an ODF textbox. If the Word frame contains a table, the frame content is saved but the frame itself is lost. If a Word textbox contains a table, then both the textbox contents and the table are saved.

- c. *The standard defines the element <table:table>, contained within the parent element <office:annotation>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load and save, Word does not support tables inside annotations. Word retains the contents of the table but loses the table structure.

- d. *The standard defines the attribute style:cell-protect, contained within the element <table:table>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute table:name, contained within the element <table:table>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute table:print, contained within the element <table:table>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute table:print-ranges, contained within the element <table:table>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute table:protected, contained within the element <table:table>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute table:protection-key, contained within the element <table:table>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute table:style-name, contained within the element <table:table>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support the use of common styles from the table family, that is using a table style defined under the <office:styles> element.

- k. *The standard defines the element <text:soft-page-break>, contained within the parent element <table:table>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word writes out this element everywhere it would for all its other document formats, as long as it is allowed in that location by the ODF specification.

- l. *The standard defines the element <office:dde-source>, contained within the parent element <office:spreadsheet \ table:table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the element <office:dde-source>, contained within the parent element <table:dde-link>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the element <office:forms>, contained within the parent element <office:spreadsheet \ table:table>*
- This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- o. *The standard defines the element <office:forms>, contained within the parent element <table:dde-link>*
- This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- p. *The standard defines the element <table:scenario>, contained within the parent element <office:spreadsheet \ table:table>*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- q. *The standard defines the element <table:scenario>, contained within the parent element <table:dde-link>*
- This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- r. *The standard defines the element <table:shapes>, contained within the parent element <office:spreadsheet \ table:table>*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- s. *The standard defines the element <table:shapes>, contained within the parent element <table:dde-link>*
- This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- t. *The standard defines the element <table:table>, contained within the parent element <chart:chart \ table-table>*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- u. *The standard defines the element <table:table>, contained within the parent element <header-footer-content>*
- This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- v. *The standard defines the element <table:table>, contained within the parent element <office:spreadsheet>*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- w. *The standard defines the element <table:table>, contained within the parent element <table:dde-link>*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- x. *The standard defines the element <table:table>, contained within the parent element <text-content>*
- This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- y. *The standard defines the attribute table:name, contained within the element <table:table>, contained within the parent element <office:spreadsheet>*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports sheet names that are shorter than 32 characters.

- z. *The standard defines the attribute `table:name`, contained within the element `<table:table>`, contained within the parent element `<table:dde-link>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- aa. *The standard defines the attribute `table:print`, contained within the element `<table:table>`, contained within the parent element `<office:spreadsheet>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- bb. *The standard defines the attribute `table:print`, contained within the element `<table:table>`, contained within the parent element `<table:dde-link>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- cc. *The standard defines the attribute `table:print-ranges`, contained within the element `<table:table>`, contained within the parent element `<office:spreadsheet>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- dd. *The standard defines the attribute `table:print-ranges`, contained within the element `<table:table>`, contained within the parent element `<table:dde-link>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ee. *The standard defines the attribute `table:protected`, contained within the element `<table:table>`, contained within the parent element `<office:spreadsheet>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- ff. *The standard defines the attribute `table:protected`, contained within the element `<table:table>`, contained within the parent element `<table:dde-link>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- gg. *The standard defines the attribute `table:style-name`, contained within the element `<table:table>`, contained within the parent element `<office:spreadsheet>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- hh. *The standard defines the attribute `table:style-name`, contained within the element `<table:table>`, contained within the parent element `<table:dde-link>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ii. *The standard defines the attribute `text:soft-page-break`, contained within the element `<table:table>`, contained within the parent element `<table:dde-link>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- jj. *The standard defines the element `<table:table-source>`, contained within the parent element `<office:spreadsheet \ table:table>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- kk. *The standard defines the element `<text:soft-page-break>`, contained within the parent element `<table-rows>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

II. *The standard defines the element <table:table>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

**2.1.208 Section 8.1.2, Table Row**

a. *The standard defines the element <table:table-row>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. *The standard defines the attribute table:default-cell-style-name, contained within the element <table:table-row>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads and respects this property. However, on save, Word writes out these properties as properties in the styles of individual cells.

c. *The standard defines the attribute table:number-rows-repeated, contained within the element <table:table-row>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

d. *The standard defines the attribute table:style-name, contained within the element <table:table-row>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support the use of common styles from the table-row family, that is using a table style defined under the <office:styles> element.

e. *The standard defines the attribute table:visibility, contained within the element <table:table-row>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

f. *The standard defines the element <table:table-row>, contained within the parent element <chart:chart \..\ table-table-row>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

g. *The standard defines the element <table:table-row>, contained within the parent element <office:spreadsheet \ table:table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

h. *The standard defines the element <table:table-row>, contained within the parent element <table:dde-link \ table:table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

i. *The standard defines the attribute table:default-cell-style-name, contained within the element <table:table-row>, contained within the parent element <office:spreadsheet \ table:table>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

j. *The standard defines the attribute table:default-cell-style-name, contained within the element <table:table-row>, contained within the parent element <table:dde-link \ table:table>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `table:number-rows-repeated`, contained within the element `<table:table-row>`, contained within the parent element `<office:spreadsheet \ table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the attribute `table:number-rows-repeated`, contained within the element `<table:table-row>`, contained within the parent element `<table:dde-link \ table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute `table:style-name`, contained within the element `<table:table-row>`, contained within the parent element `<office:spreadsheet \ table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the attribute `table:style-name`, contained within the element `<table:table-row>`, contained within the parent element `<table:dde-link \ table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-row>`, contained within the parent element `<office:spreadsheet \ table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-row>`, contained within the parent element `<table:dde-link \ table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.209 Section 8.1.3, Table Cell**

- a. *The standard defines the element `<table:covered-table-cell>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `office:boolean-value`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `office:currency`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `office:date-value`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `office:string-value`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `office:time-value`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute `office:value`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- h. *The standard defines the attribute `table:content-validation-name`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- i. *The standard defines the attribute `table:formula`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- j. *The standard defines the attribute `table:number-columns-repeated`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- k. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- l. *The standard defines the attribute `table:number-matrix-rows-spanned`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- m. *The standard defines the attribute `table:protected`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- n. *The standard defines the attribute `table:style-name`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- o. *The standard defines the attribute `table:value-type`, contained within the element `<table:covered-table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- p. *The standard defines the element `<table:table-cell>`*
- This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- q. *The standard defines the attribute `office:boolean-value`, contained within the element `<table:table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- r. *The standard defines the attribute `office:currency`, contained within the element `<table:table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- s. *The standard defines the attribute `office:date-value`, contained within the element `<table:table-cell>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

t. *The standard defines the attribute `office:string-value`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

u. *The standard defines the attribute `office:time-value`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

v. *The standard defines the attribute `office:value`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

w. *The standard defines the attribute `table:content-validation-name`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

x. *The standard defines the attribute `table:formula`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

y. *The standard defines the attribute `table:number-columns-repeated`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

z. *The standard defines the attribute `table:number-columns-spanned`, contained within the element `<table:table-cell>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

aa. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

bb. *The standard defines the attribute `table:number-matrix-rows-spanned`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

cc. *The standard defines the attribute `table:number-rows-spanned`, contained within the element `<table:table-cell>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

dd. *The standard defines the attribute `table:protected`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

ee. *The standard defines the attribute `table:style-name`, contained within the element `<table:table-cell>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support the use of common styles from the table-cell family, that is using a table style defined under the `<office:styles>` element.

ff. *The standard defines the attribute `table:value-type`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

gg. *The standard defines the element `<office:annotation>`, contained within the parent element `<office:spreadsheet \ table:table-cell>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

hh. *The standard defines the element `<office:annotation>`, contained within the parent element `<table:dde-link \ table:table-cell>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ii. *The standard defines the attribute `style:cell-protect`, contained within the element `<style:table-cell-properties>`, contained within the parent element `<table:dde-link \ table:table-cell>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

jj. *The standard defines the attribute `style:cell-protect`, contained within the element `<style:table-cell-properties>`, contained within the parent element `<table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

kk. *The standard defines the element `<table:cell-range-source>`, contained within the parent element `<office:spreadsheet \ table:table-cell>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ll. *The standard defines the element `<table:cell-range-source>`, contained within the parent element `<table:dde-link \ table:table-cell>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

mm. *The standard defines the element `<table:covered-table-cell>`, contained within the parent element `<chart:chart \.. \ table-covered-table-cell>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

nn. *The standard defines the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

oo. *The standard defines the element `<table:covered-table-cell>`, contained within the parent element `<table:dde-link \ table:table-row>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

pp. *The standard defines the attribute `table:content-validation-name`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

qq. *The standard defines the attribute `table:formula`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.



rr. *The standard defines the attribute `table:number-columns-repeated`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ss. *The standard defines the attribute `table:number-columns-spanned`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

tt. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

uu. *The standard defines the attribute `table:number-matrix-rows-spanned`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

vv. *The standard defines the attribute `table:number-rows-spanned`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ww. *The standard defines the attribute `table:style-name`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

xx. *The standard defines the attribute `table:value-type`, contained within the element `<table:covered-table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

yy. *The standard defines the element `<table:detective>`, contained within the parent element `<office:spreadsheet \ table:table-cell>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

zz. *The standard defines the element `<table:detective>`, contained within the parent element `<table:dde-link \ table:table-cell>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

aaa. *The standard defines the element `<table:table-cell>`, contained within the parent element `<chart:chart \..\ table-table-cell>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

bbb. *The standard defines the element `<table:table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ccc. *The standard defines the element <table:table-cell>, contained within the parent element <table:dde-link \ table:table-row>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ddd. *The standard defines the attribute table:content-validation-name, contained within the element <table:table-cell>, contained within the parent element <office:spreadsheet \ table:table-row>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

eee. *The standard defines the attribute table:content-validation-name, contained within the element <table:table-cell>, contained within the parent element <table:dde-link \ table:table-row>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

fff. *The standard defines the attribute table:formula, contained within the element <table:table-cell>, contained within the parent element <office:spreadsheet \ table:table-row>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

26. When saving the table:formula attribute, Excel precedes the formula string with the "of" namespace.
27. When saving the table:formula attribute, Excel saves a formula string that follows [ODF1.2] part 2.
28. When loading the attribute table:formula, Excel first looks at the namespace. If the namespace is 'of' , 'msoxl' or not specified, Excel will attempt to load the value of table:formula as a formula in Excel.
29. Formulas using the 'of' namespace and those without a namespaces are expected to follow [ODF1.2] part 2.
30. Formulas using the 'msoxl' namespace follow [\[ISO/IEC-29500-1\]](#) section 18.17, except workbook-names are written as literal values instead of tokens given the lack of a relationship part.
31. When loading the table:formula attribute, if the namespace is unknown, the table:formula attribute is not loaded, and the value "office:value" is used instead. If the result of the formula is an error, Excel loads the <text:p> element and maps the element to an Error data type. Error data types that Excel does not support are mapped to #VALUE!

ggg. *The standard defines the attribute table:formula, contained within the element <table:table-cell>, contained within the parent element <table:dde-link \ table:table-row>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

hhh. *The standard defines the attribute table:number-columns-repeated, contained within the element <table:table-cell>, contained within the parent element <office:spreadsheet \ table:table-row>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

iii. *The standard defines the attribute table:number-columns-repeated, contained within the element <table:table-cell>, contained within the parent element <table:dde-link \ table:table-row>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

jjj. *The standard defines the attribute table:number-columns-spanned, contained within the element <table:table-cell>, contained within the parent element <office:spreadsheet \ table:table-row>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

kkk. *The standard defines the attribute table:number-columns-spanned, contained within the element <table:table-cell>, contained within the parent element <table:dde-link \ table:table-row>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

lll. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

mmm. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:table-cell>`, contained within the parent element `<table:dde-link \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

nnn. *The standard defines the attribute `table:number-matrix-rows-spanned`, contained within the element `<table:table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ooo. *The standard defines the attribute `table:number-matrix-rows-spanned`, contained within the element `<table:table-cell>`, contained within the parent element `<table:dde-link \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ppp. *The standard defines the attribute `table:number-rows-spanned`, contained within the element `<table:table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

qqq. *The standard defines the attribute `table:number-rows-spanned`, contained within the element `<table:table-cell>`, contained within the parent element `<table:dde-link \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

rrr. *The standard defines the attribute `table:style-name`, contained within the element `<table:table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

sss. *The standard defines the attribute `table:style-name`, contained within the element `<table:table-cell>`, contained within the parent element `<table:dde-link \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ttt. *The standard defines the attribute `table:value`, contained within the element `<table:table-cell>`, contained within the parent element `<table:dde-link \ table:table-row>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

uuu. *The standard defines the attribute `table:value-type`, contained within the element `<table:table-cell>`, contained within the parent element `<office:spreadsheet \ table:table-row>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

vvv. *The standard defines the attribute `table:value-type`, contained within the element `<table:table-cell>`, contained within the parent element `<table:dde-link \ table:table-row>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.210 Section 8.2, Advanced Table Model**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- b. *The standard defines the parent element <chart:chart \.\>*

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.211 Section 8.2.1, Column Description**

- a. *The standard defines the element <table:table-column>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support more than 63 columns. On load, any columns beyond this limit are dropped, along with their content.

- b. *The standard defines the attribute table:default-cell-style-name, contained within the element <table:table-column>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads and respects this property. However, on save, Word writes out these properties as properties in the styles of individual cells.

- c. *The standard defines the attribute table:number-columns-repeated, contained within the element <table:table-column>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute table:style-name, contained within the element <table:table-column>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support the use of common styles from the table-column family, that is using a table style defined under the <office:styles> element.

- e. *The standard defines the attribute table:visibility, contained within the element <table:table-column>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <table:table-column>, contained within the parent element <chart:chart \.\ table-table-column>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the element <table:table-column>, contained within the parent element <office:spreadsheet \ table:table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the element <table:table-column>, contained within the parent element <table:dde-link \ table:table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute table:default-cell-style-name, contained within the element <table:table-column>, contained within the parent element <office:spreadsheet \ table:table>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute `table:default-cell-style-name`, contained within the element `<table:table-column>`, contained within the parent element `<table:dde-link \ table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `table:number-columns-repeated`, contained within the element `<table:table-column>`, contained within the parent element `<office:spreadsheet \ table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the attribute `table:number-columns-repeated`, contained within the element `<table:table-column>`, contained within the parent element `<table:dde-link \ table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute `table:style-name`, contained within the element `<table:table-column>`, contained within the parent element `<office:spreadsheet \ table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the attribute `table:style-name`, contained within the element `<table:table-column>`, contained within the parent element `<table:dde-link \ table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-column>`, contained within the parent element `<office:spreadsheet \ table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-column>`, contained within the parent element `<table:dde-link \ table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.212 Section 8.2.2, Header Columns**

- a. *The standard defines the element `<table:table-columns>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element `<table:table-header-columns>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element `<table:table-columns>`, contained within the parent element `<chart:chart \..\ table-table-columns>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the element `<table:table-header-columns>`, contained within the parent element `<chart:chart \..\ table-table-header-columns>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the element `<table:table-header-columns>`, contained within the parent element `<office:spreadsheet \ table:table>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this element and treats it as a regular column, but never writes it out on save.

- f. *The standard defines the element <table:table-header-columns>, contained within the parent element <table:dde-link \ table:table>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel reads this element and treats it as a regular column, but never writes it out on save.

### **2.1.213 Section 8.2.3, Column Groups**

- a. *The standard defines the element <table:table-column-group>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element <chart:chart \.\>*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute table:display, contained within the element <table:table-column-group>, contained within the parent element <office:spreadsheet \ table:table>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the attribute table:display, contained within the element <table:table-column-group>, contained within the parent element <table:dde-link \ table:table>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.214 Section 8.2.4, Header Rows**

- a. *The standard defines the element <table:table-header-rows>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <table:table-header-rows>, contained within the parent element <chart:chart \.\ table-table-header-rows>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the element <table:table-header-rows>, contained within the parent element <office:spreadsheet \ table:table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this element and treats it as a regular row, but never writes it out on save.

- d. *The standard defines the element <table:table-header-rows>, contained within the parent element <table:dde-link \ table:table>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel reads the element <table:table-header-rows> and treats it as a regular row, but on save, the element <table:table-header-rows> is never written.

- e. *The standard defines the element <table:table-rows>, contained within the parent element <chart:chart \.\ table-table-rows>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this element, but does not write it on save.

### **2.1.215 Section 8.2.5, Row Groups**

- a. *The standard defines the element <table:table-row-group>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element <chart:chart \..>*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute table:display, contained within the element <table:table-row-group>, contained within the parent element <office:spreadsheet \ table:table>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the attribute table:display, contained within the element <table:table-row-group>, contained within the parent element <table:dde-link \ table:table>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.216 Section 8.2.6, Subtables**

- a. *The standard defines the attribute table:is-subtable, contained within the element <table:table>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element <chart:chart \..>*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.217 Section 8.3, Advanced Tables**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.218 Section 8.3.1, Referencing Table Cells**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.219 Section 8.3.2, Linked Tables**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:filter-name, contained within the element <table:table-source>, contained within the parent element <table:table>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute table:filter-options, contained within the element <table:table-source>, contained within the parent element <table:table>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:mode`, contained within the element `<table:table-source>`, contained within the parent element `<table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the property "copy-all", contained within the attribute `table:mode`, contained within the element `<table:table-source>`, contained within the parent element `<table:table>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel reads the value of "copy-all" and maps it to copy-results-only. Excel does not write this property on save.

- f. *The standard defines the property "copy-results-only", contained within the attribute `table:mode`, contained within the element `<table:table-source>`, contained within the parent element `<table:table>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel always reads `table:mode` as "copy-results-only". On save, Excel always writes this attribute as "copy-results-only".

- g. *The standard defines the attribute `table:refresh-delay`, contained within the element `<table:table-source>`, contained within the parent element `<table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `table:table-name`, contained within the element `<table:table-source>`, contained within the parent element `<table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute `xlink:actuate`, contained within the element `<table:table-source>`, contained within the parent element `<table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `xlink:href`, contained within the element `<table:table-source>`, contained within the parent element `<table:table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the attribute `xlink:type`, contained within the element `<table:table-source>`, contained within the parent element `<table:table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.220 Section 8.3.3, Scenario Tables**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<table:scenario>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel stores the scenario name in the `table:name` attribute of the parent table.

- c. *The standard defines the attribute `table:border-color`, contained within the element `<table:scenario>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.



- d. *The standard defines the attribute `table:comment`, contained within the element `<table:scenario>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- e. *The standard defines the attribute `table:copy-back`, contained within the element `<table:scenario>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.  
On load, Excel ignores this attribute. On save, Excel writes it out as false.
- f. *The standard defines the attribute `table:copy-formulas`, contained within the element `<table:scenario>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- g. *The standard defines the attribute `table:copy-style`, contained within the element `<table:scenario>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- h. *The standard defines the attribute `table:display-border`, contained within the element `<table:scenario>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- i. *The standard defines the attribute `table:is-active`, contained within the element `<table:scenario>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- j. *The standard defines the attribute `table:protected`, contained within the element `<table:scenario>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- k. *The standard defines the attribute `table:scenario-ranges`, contained within the element `<table:scenario>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.221 Section 8.3.4, Shapes**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the element `<table:shapes>`, contained within the parent element `<table-shapes>`*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.222 Section 8.4, Advanced Table Cells**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

#### **2.1.223 Section 8.4.1, Linked Table Cells**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute `table:filter-name`, contained within the element `<table:cell-range-source>`, contained within the parent element `<table:table-cell>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:filter-options`, contained within the element `<table:cell-range-source>`, contained within the parent element `<table:table-cell>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:last-column-spanned`, contained within the element `<table:cell-range-source>`, contained within the parent element `<table:table-cell>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute `table:last-row-spanned`, contained within the element `<table:cell-range-source>`, contained within the parent element `<table:table-cell>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the attribute `table:refresh-delay`, contained within the element `<table:cell-range-source>`, contained within the parent element `<table:table-cell>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the attribute `xlink:actuate`, contained within the element `<table:cell-range-source>`, contained within the parent element `<table:table-cell>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `xlink:href`, contained within the element `<table:cell-range-source>`, contained within the parent element `<table:table-cell>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute `xlink:type`, contained within the element `<table:cell-range-source>`, contained within the parent element `<table:table-cell>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.224 Section 8.4.2, Cell Annotation**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.225 Section 8.4.3, Detective**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the element `<table:detective>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.226 Section 8.4.4, Detective Operation**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute `table:operation`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:index`, contained within the element `<table:operation>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:name`, contained within the element `<table:operation>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.227 Section 8.4.5, Highlighted Range**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:cell-range-address`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:contains-error`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:direction`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:highlighted-range`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `table:marked-invalid`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.228 Section 8.5, Spreadsheet Document Content**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.229 Section 8.5.1, Document Protection**

- a. *The standard defines the attribute `table:protection-key`, contained within the element `<office:spreadsheet>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

Excel does not load a workbook if a protection-key is specified.

- b. *The standard defines the attribute `table:structure-protected`, contained within the element `<office:spreadsheet>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.230 Section 8.5.2, Calculation Settings**

- a. *The standard defines the element `<table:calculation-settings>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:automatic-find-labels`, contained within the element `<table:calculation-settings>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:case-sensitive`, contained within the element `<table:calculation-settings>`*

This attribute is supported in Excel 2010.

The `table:case-sensitive` attribute is never loaded. However, Excel always behaves as though this setting were "false". To be consistent, on save, Excel always sets the `table:case-sensitive` attribute to "false".

This attribute is supported in Excel 2013.

- d. *The standard defines the attribute `table:Null-year`, contained within the element `<table:calculation-settings>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:precision-as-shown`, contained within the element `<table:calculation-settings>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the attribute `table:use-regular-expression`, contained within the element `<table:calculation-settings>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `table:maximum-difference`, contained within the element `<table:iteration>`, contained within the parent element `<table:calculation-settings>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute `table:status`, contained within the element `<table:iteration>`, contained within the parent element `<table:calculation-settings>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute `table:steps`, contained within the element `<table:iteration>`, contained within the parent element `<table:calculation-settings>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute `table:date-value`, contained within the element `<table:null-date>`, contained within the parent element `<table:calculation-settings>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports the `table:date-value` attribute for only the values "1899-12-30" and "1904-01-01". Excel does not load the `table:date-value` attribute if it is set to other values.

- k. *The standard defines the attribute `table:value-type`, contained within the element `<table:null-date>`, contained within the parent element `<table:calculation-settings>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

## 2.1.231 Section 8.5.3, Table Cell Content Validations

- a. *The standard defines the element <table:content-validation>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- b. *The standard defines the attribute table:allow-empty-cell, contained within the element <table:content-validation>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. *The standard defines the attribute table:base-cell-address, contained within the element <table:content-validation>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. *The standard defines the attribute table:condition, contained within the element <table:content-validation>*

This attribute is supported in Excel 2010.
32. Excel does not support the "cell-content-is-in-list" validation.
33. Excel does not support the function cell-content-is-text(), and data validation is lost in this case.

This attribute is supported in Excel 2013.
- e. *The standard defines the attribute table:display-list, contained within the element <table:content-validation>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

If table:display-list is set to "sort-ascending", Excel loads and saves data as unsorted.
- f. *The standard defines the attribute table:error-macro, contained within the element <table:content-validation>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- g. *The standard defines the attribute table:error-message, contained within the element <table:content-validation>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- h. *The standard defines the attribute table:help-message, contained within the element <table:content-validation>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- i. *The standard defines the attribute table:name, contained within the element <table:content-validation>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The table:name attribute is required, Excel doesn't load the validation if this attribute is missing.
- j. *The standard defines the element <table:content-validations>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### 2.1.232 Section 8.5.4, Label Ranges

- a. *The standard defines the element <table:label-range>, contained within the parent element <table:label-ranges>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute table:data-cell-range-address, contained within the element <table:label-range>, contained within the parent element <table:label-ranges>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute table:label-cell-range-address, contained within the element <table:label-range>, contained within the parent element <table:label-ranges>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute table:orientation, contained within the element <table:label-range>, contained within the parent element <table:label-ranges>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <table:label-ranges>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### 2.1.233 Section 8.5.5, Named Expressions

- a. *The standard defines the element <table:named-expression>, contained within the parent element <table:named-expressions>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

This element is supported in Excel 2013.

- b. *The standard defines the attribute table:base-cell-address, contained within the element <table:named-expression>, contained within the parent element <table:named-expressions>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

This attribute is supported in Excel 2013.

- c. *The standard defines the attribute table:expression, contained within the element <table:named-expression>, contained within the parent element <table:named-expressions>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

This attribute is supported in Excel 2013.

- d. *The standard defines the attribute table:name, contained within the element <table:named-expression>, contained within the parent element <table:named-expressions>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

This attribute is supported in Excel 2013.

- e. *The standard defines the element <table:named-expressions>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the element <table:named-range>, contained within the parent element <table:named-expressions>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the attribute `table:base-cell-address`, contained within the element `<table:named-range>`, contained within the parent element `<table:named-expressions>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute `table:cell-range-address`, contained within the element `<table:named-range>`, contained within the parent element `<table:named-expressions>`*

This attribute is supported in Excel 2010.

Excel does not save named ranges that refer to non-contiguous (non-rectangular) ranges.

This attribute is supported in Excel 2013.

- i. *The standard defines the attribute `table:name`, contained within the element `<table:named-range>`, contained within the parent element `<table:named-expressions>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the property "filter", contained within the attribute `table:range-usable-as`, contained within the element `<table:named-range>`, contained within the parent element `<table:named-expressions>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the property "none", contained within the attribute `table:range-usable-as`, contained within the element `<table:named-range>`, contained within the parent element `<table:named-expressions>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the property "print-range", contained within the attribute `table:range-usable-as`, contained within the element `<table:named-range>`, contained within the parent element `<table:named-expressions>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the property "repeat-column", contained within the attribute `table:range-usable-as`, contained within the element `<table:named-range>`, contained within the parent element `<table:named-expressions>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the property "repeat-row", contained within the attribute `table:range-usable-as`, contained within the element `<table:named-range>`, contained within the parent element `<table:named-expressions>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.234 Section 8.6, Database Ranges**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<table:database-ranges>`, contained within the parent element `<office:spreadsheet>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

## 2.1.235 Section 8.6.1, Database Range

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the element <table:database-range>, contained within the parent element <table:database-ranges>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute table:contains-header, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the attribute table:display-filter-buttons, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute table:has-persistent-data, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the attribute table:is-selection, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute table:name, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute table:on-update-keep-size, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the property "false", contained within the attribute table:on-update-keep-size, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This value maps to "Insert/Delete" on refresh.

- j. *The standard defines the property "true", contained within the attribute table:on-update-keep-size, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This value maps to "Overwrite/Clear" on refresh.

- k. *The standard defines the attribute table:on-update-keep-styles, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the attribute table:orientation, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*



This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the property "column", contained within the attribute table:orientation, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the property "row", contained within the attribute table:orientation, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The only orientation that Excel supports is row. Therefore, this is an optional attribute, and Excel neither reads nor writes it.

- o. *The standard defines the attribute table:refresh-delay, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The attribute table-refresh-delay is a boolean type, while the corresponding setting in Excel is an interval of time.

- p. *The standard defines the property "false", contained within the attribute table:refresh-delay, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This value maps to the feature being off.

- q. *The standard defines the property "true", contained within the attribute table:refresh-delay, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, this value maps to the default interval. On save, if the interval is nonzero, Excel writes 'true'.

- r. *The standard defines the attribute table:target-range-address, contained within the element <table:database-range>, contained within the parent element <table:database-ranges>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.236 Section 8.6.2, Database Source SQL**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <table:database-source-sql>, contained within the parent element <table:database-range>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute table:database-name, contained within the element <table:database-source-sql>, contained within the parent element <table:database-range>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel stores the connection string in the name attribute because it is the unique identifier.

- d. *The standard defines the attribute `table:parse-sql-statement`, contained within the element `<table:database-source-sql>`, contained within the parent element `<table:database-range>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:sql-statement`, contained within the element `<table:database-source-sql>`, contained within the parent element `<table:database-range>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.237 Section 8.6.3, Database Source Table**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<table:database-source-table>`, contained within the parent element `<table:database-range>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `table:database-name`, contained within the element `<table:database-source-table>`, contained within the parent element `<table:database-range>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel stores the connection string in the name attribute because it is the unique identifier.

- d. *The standard defines the attribute `table:database-table-name`, contained within the element `<table:database-source-table>`, contained within the parent element `<table:database-range>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.238 Section 8.6.4, Database Source Query**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<table:database-source-query>`, contained within the parent element `<table:database-range>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `table:database-name`, contained within the element `<table:database-source-query>`, contained within the parent element `<table:database-range>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel stores the connection string in the name attribute because it is the unique identifier.

- d. *The standard defines the attribute `table:query-name`, contained within the element `<table:database-source-query>`, contained within the parent element `<table:database-range>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.239 Section 8.6.5, Sort**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:algorithm`, contained within the element `<table:sort>`, contained within the parent element `<table:database-range>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `table:bind-styles-to-content`, contained within the element `<table:sort>`, contained within the parent element `<table:database-range>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:case-sensitive`, contained within the element `<table:sort>`, contained within the parent element `<table:database-range>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute `table:country`, contained within the element `<table:sort>`, contained within the parent element `<table:database-range>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `table:language`, contained within the element `<table:sort>`, contained within the parent element `<table:database-range>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `table:target-range-address`, contained within the element `<table:sort>`, contained within the parent element `<table:database-range>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.240 Section 8.6.6, Sort By**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:data-type`, contained within the element `<table:sort-by>`, contained within the parent element `<table:sort>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- 34. For custom list sorts, Excel writes out the entire custom list.
- 35. Excel does not save color and icon sorts.
- 36. Excel does not write out the text or numeric types. It loads both as automatic.

- c. *The standard defines the attribute `table:field-number`, contained within the element `<table:sort-by>`, contained within the parent element `<table:sort>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On save, Excel writes out a zero-based field number.

- d. *The standard defines the attribute `table:order`, contained within the element `<table:sort-by>`, contained within the parent element `<table:sort>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.241 Section 8.6.7, Subtotal Rules**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:bind-styles-to-content`, contained within the element `<table:subtotal-rules>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:case-sensitive`, contained within the element `<table:subtotal-rules>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:page-breaks-on-group-change`, contained within the element `<table:subtotal-rules>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.242 Section 8.6.8, Subtotal Sort Groups**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:data-type`, contained within the element `<table:sort-groups>`, contained within the parent element `<table:subtotal-rules>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:order`, contained within the element `<table:sort-groups>`, contained within the parent element `<table:subtotal-rules>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.243 Section 8.6.9, Subtotal Rule**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:group-by-field-number`, contained within the element `<table:subtotal-rule>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.244 Section 8.6.10, Subtotal Field**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:field-number`, contained within the element `<table:subtotal-field>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:function`, contained within the element `<table:subtotal-field>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.245 Section 8.7, Filters**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

37. If the filter is applied to a query table, Excel will lose the filter if the query table is refreshed.

38. Only top/bottom filters are supported if the filter is on a pivot table with external data.

39. If any of the filters specified on a range or data pilot isn't fully supported, Excel will not load the filter for that range or data pilot.

40. These are some of the cases that cause a filter to be dropped on load, this is not a comprehensive list:

OR statements nested within an AND statement.

The top 10 filters within an OR statement (the top 10 filters are the only things that can be applied to a column).

If the number of filters for a particular column > 2 and all signs are not a series of "OR equals X", that is, not a "list of possible values" scenario.

If one column has more than one filter criteria within a single OR statement.

If a single column has criteria in multiple AND statements and at least one of them is a Top 10 filter.

If a single column has >2 criteria and an AND statement.

If a column has a top 10 filter and the column type is text instead of numerical data.

#### **2.1.246 Section 8.7.1, Table Filter**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute `table:condition-source`, contained within the element `<table:filter>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

Excel assumes the default filter, "condition-source: self".

- c. *The standard defines the attribute `table:condition-source-range-address`, contained within the element `<table:filter>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:display-duplicates`, contained within the element `<table:filter>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:target-range-address`, contained within the element `<table:filter>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.247 Section 8.7.2, Filter And**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the element `<table:filter-and>`, contained within the parent element `<table:filter>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Some combinations of the elements `<filter-and>` and `<filter-or>` are not supported.

#### **2.1.248 Section 8.7.3, Filter Or**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the element `<table:filter-or>`, contained within the parent element `<table:filter>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Some combinations of the elements <filter-and> and <filter-or> are not supported.

#### **2.1.249 Section 8.7.4, Filter Condition**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute table:case-sensitive, contained within the element <table:filter-condition>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute table:data-type, contained within the element <table:filter-condition>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Color, icon, and some dynamic filters are not saved.

- d. *The standard defines the attribute table:field-number, contained within the element <table:filter-condition>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute table:operator, contained within the element <table:filter-condition>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Some operators are not supported for Pivot Table Filters, for example, "bottom values" and "top values".

- f. *The standard defines the attribute table:value, contained within the element <table:filter-condition>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

However, some regular expressions are not supported. Also, some values are not supported for AF, such as filtering with "Date = 36527" instead of "1/2/2000". The attribute table:value is supported in Calc 3. However, only "." and ".\*" are supported for Regular Expressions, all other expressions are dropped. On save, non-wildcard filters, such as "Contains", are transformed into corresponding regular expressions.

#### **2.1.250 Section 8.8, Data Pilot Tables**

- a. *The standard defines the element <table:data-pilot-tables>, contained within the parent element <office:spreadsheet>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.251 Section 8.8.1, Data Pilot Table**

- a. *The standard defines the element <table:database-source-query>, contained within the parent element <table:data-pilot-table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the element <table:database-source-sql>, contained within the parent element <table:data-pilot-table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the element <table:database-source-table>, contained within the parent element <table:data-pilot-table>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute table:application-data, contained within the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute table:buttons, contained within the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The ODF specification does not specify DataPilot layout details.

On load, Excel uses button location information to help determine how to render the DataPilot, including page field locations, row and column headings, and data area.

On save, Excel writes button locations, based on how the DataPilot is positioned in Excel, so that other implementers can provide interactive buttons, if desired.

- g. *The standard defines the attribute table:drill-down-on-double-click, contained within the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute table:grand-total, contained within the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the property "both", contained within the attribute table:grand-total, contained within the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the property "column", contained within the attribute table:grand-total, contained within the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the property "none", contained within the attribute table:grand-total, contained within the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the property "row", contained within the attribute table:grand-total, contained within the element <table:data-pilot-table>, contained within the parent element <table:data-pilot-tables>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the attribute `table:identify-categories`, contained within the element `<table:data-pilot-table>`, contained within the parent element `<table:data-pilot-tables>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute `table:ignore-empty-rows`, contained within the element `<table:data-pilot-table>`, contained within the parent element `<table:data-pilot-tables>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute `table:name`, contained within the element `<table:data-pilot-table>`, contained within the parent element `<table:data-pilot-tables>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the attribute `table:show-filter-button`, contained within the element `<table:data-pilot-table>`, contained within the parent element `<table:data-pilot-tables>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel uses the value of the attribute `table:show-filter-button` to help determine the layout of the DataPilot.

Excel does not support toggling the DataPilot buttons "on" and "off".

On save, Excel always writes the attribute `table:show-filter-button` as "false".

- q. *The standard defines the attribute `table:target-range-address`, contained within the element `<table:data-pilot-table>`, contained within the parent element `<table:data-pilot-tables>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.252 Section 8.8.2, Source Cell Range**

- a. *The standard defines the element `<table:source-cell-range>`, contained within the parent element `<table:data-pilot-table>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:cell-range-address`, contained within the element `<table:source-cell-range>`, contained within the parent element `<table:data-pilot-table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.253 Section 8.8.3, Source Service**

- a. *The standard defines the element `<table:source-service>`, contained within the parent element `<table:data-pilot-table>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute `table:name`, contained within the element `<table:source-service>`, contained within the parent element `<table:data-pilot-table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:object-name`, contained within the element `<table:source-service>`, contained within the parent element `<table:data-pilot-table>`*



This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:password`, contained within the element `<table:source-service>`, contained within the parent element `<table:data-pilot-table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:source-name`, contained within the element `<table:source-service>`, contained within the parent element `<table:data-pilot-table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `table:user-name`, contained within the element `<table:source-service>`, contained within the parent element `<table:data-pilot-table>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

## **2.1.254 Section 8.8.4, Data Pilot Field**

- a. *The standard defines the element `<table:data-pilot-field>`, contained within the parent element `<table:data-pilot-table>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:function`, contained within the element `<table:data-pilot-field>`, contained within the parent element `<table:data-pilot-table>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the property "`<any string>`", contained within the attribute `table:function`, contained within the element `<table:data-pilot-field>`, contained within the parent element `<table:data-pilot-table>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, string values that don't match the explicitly listed enumerated values are converted to "auto".

- d. *The standard defines the property "auto", contained within the attribute `table:function`, contained within the element `<table:data-pilot-field>`, contained within the parent element `<table:data-pilot-table>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the property "average", contained within the attribute `table:function`, contained within the element `<table:data-pilot-field>`, contained within the parent element `<table:data-pilot-table>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "count", contained within the attribute `table:function`, contained within the element `<table:data-pilot-field>`, contained within the parent element `<table:data-pilot-table>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the property "countnums", contained within the attribute `table:function`, contained within the element `<table:data-pilot-field>`, contained within the parent element `<table:data-pilot-table>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the property "max", contained within the attribute table:function, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the property "min", contained within the attribute table:function, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the property "product", contained within the attribute table:function, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the property "stdev", contained within the attribute table:function, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the property "stdevp", contained within the attribute table:function, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the property "sum", contained within the attribute table:function, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the property "var", contained within the attribute table:function, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the property "varp", contained within the attribute table:function, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the attribute table:is-data-layout-field, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the attribute table:orientation, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- r. *The standard defines the property "column", contained within the attribute table:orientation, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the property "data", contained within the attribute table:orientation, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- t. *The standard defines the property "hidden", contained within the attribute table:orientation, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On save, for a range-based data source, Excel does not write fields that are not displayed on the "DataPilot". For external data sources, Excel writes out all fields, and marks those not in the "DataPilot" view as hidden.

- u. *The standard defines the property "page", contained within the attribute table:orientation, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- v. *The standard defines the property "row", contained within the attribute table:orientation, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- w. *The standard defines the attribute table:selected-page, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On save, if Excel writes an empty value for this attribute, it means that 'blank' is chosen for the filter value. This corresponds to an empty string in the data source. If Excel doesn't write this attribute at all, it means the user has not selected a value for the manual filter.

- x. *The standard defines the attribute table:source-field-name, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- y. *The standard defines the attribute table:used-hierarchy, contained within the element <table:data-pilot-field>, contained within the parent element <table:data-pilot-table>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.255 Section 8.8.5, Data Pilot Level**

- a. *The standard defines the element <table:data-pilot-level>, contained within the parent element <table:data-pilot-field>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute table:show-empty, contained within the element <table:data-pilot-level>, contained within the parent element <table:data-pilot-field>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.256 Section 8.8.6, Data Pilot Subtotals**

- a. *The standard defines the element <table:data-pilot-subtotals>, contained within the parent element <table:data-pilot-level>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.257 Section 8.8.7, Data Pilot Subtotal**

- a. *The standard defines the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the property "<any string>", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, string values that don't match the explicitly listed enumerated values are converted to "auto".

- d. *The standard defines the property "auto", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the property "average", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "count", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the property "countnums", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the property "max", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the property "min", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the property "product", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the property "stdev", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the property "stdevp", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the property "sum", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the property "var", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the property "varp", contained within the attribute table:function, contained within the element <table:data-pilot-subtotal>, contained within the parent element <table:data-pilot-subtotals>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.258 Section 8.8.8, Data Pilot Members**

- a. *The standard defines the element <table:data-pilot-members>, contained within the parent element <table:data-pilot-level>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.259 Section 8.8.9, Data Pilot Member**

- a. *The standard defines the element <table:data-pilot-member>, contained within the parent element <table:data-pilot-members>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute table:display, contained within the element <table:data-pilot-member>, contained within the parent element <table:data-pilot-members>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute table:name, contained within the element <table:data-pilot-member>, contained within the parent element <table:data-pilot-members>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the attribute `table:show-details`, contained within the element `<table:data-pilot-member>`, contained within the parent element `<table:data-pilot-members>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.260 Section 8.8.10, Data Pilot Display Info**

- a. *The standard defines the element `<table:data-pilot-display-info>`, contained within the parent element `<table:data-pilot-level>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:data-field`, contained within the element `<table:data-pilot-display-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `table:display-member-mode`, contained within the element `<table:data-pilot-display-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the property "from-bottom", contained within the attribute `table:display-member-mode`, contained within the element `<table:data-pilot-display-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the property "from-top", contained within the attribute `table:display-member-mode`, contained within the element `<table:data-pilot-display-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the attribute `table:enabled`, contained within the element `<table:data-pilot-display-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, if the attribute `table:enabled` is "false", then Excel ignores the TopN filter information. If the attribute `table:enabled` is "true", then Excel loads and applies the TopN filter.

On save, Excel always writes "true", and only writes this when there's a TopN filter or AutoShow filter.

- g. *The standard defines the attribute `table:member-count`, contained within the element `<table:data-pilot-display-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.261 Section 8.8.11, Data Pilot Sort Info**

- a. *The standard defines the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:data-field`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `table:sort-mode`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the property "data", contained within the attribute `table:sort-mode`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the property "manual", contained within the attribute `table:sort-mode`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "name", contained within the attribute `table:sort-mode`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the property "none", contained within the attribute `table:sort-mode`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute `table:sort-order`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the property "ascending", contained within the attribute `table:sort-order`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the property "descending", contained within the attribute `table:sort-order`, contained within the element `<table:data-pilot-sort-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.262 Section 8.8.12, Data Pilot Layout Info**

- a. *The standard defines the element `<table:data-pilot-layout-info>`, contained within the parent element `<table:data-pilot-level>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:add-empty-lines`, contained within the element `<table:data-pilot-layout-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `table:layout-mode`, contained within the element `<table:data-pilot-layout-info>`, contained within the parent element `<table:data-pilot-level>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the property "outline-subtotals-bottom", contained within the attribute `table:layout-mode`, contained within the element `<table:data-pilot-layout-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the property "outline-subtotals-top", contained within the attribute `table:layout-mode`, contained within the element `<table:data-pilot-layout-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "tabular-layout", contained within the attribute `table:layout-mode`, contained within the element `<table:data-pilot-layout-info>`, contained within the parent element `<table:data-pilot-level>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.263 Section 8.8.13, Data Pilot Field Reference**

- a. *The standard defines the element `<table:data-pilot-field-reference>`, contained within the parent element `<table:data-pilot-field>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:field-name`, contained within the element `<table:data-pilot-field-reference>`, contained within the parent element `<table:data-pilot-field>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `table:member-name`, contained within the element `<table:data-pilot-field-reference>`, contained within the parent element `<table:data-pilot-field>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the attribute `table:member-type`, contained within the element `<table:data-pilot-field-reference>`, contained within the parent element `<table:data-pilot-field>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the property "named", contained within the attribute `table:member-type`, contained within the element `<table:data-pilot-field-reference>`, contained within the parent element `<table:data-pilot-field>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "next", contained within the attribute `table:member-type`, contained within the element `<table:data-pilot-field-reference>`, contained within the parent element `<table:data-pilot-field>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.



- g. *The standard defines the property "previous", contained within the attribute table:member-type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the property "column-percentage", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the property "index", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the property "member-difference", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the property "member-percentage", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the property "member-percentage-difference", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the property "none", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the property "row-percentage", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the property "running-total", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the property "total-percentage", contained within the attribute table:type, contained within the element <table:data-pilot-field-reference>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

## **2.1.264 Section 8.8.14, Data Pilot Groups**

- a. *The standard defines the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute table:date-end, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- c. *The standard defines the property "auto", contained within the attribute table:date-end, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- d. *The standard defines the attribute table:date-start, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- e. *The standard defines the property "auto", contained within the attribute table:date-start, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the `table:end`, `table:step`, and `table:grouped-by` attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- f. *The standard defines the attribute `table:end`, contained within the element `<table:data-pilot-groups>`, contained within the parent element `<table:data-pilot-field>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the `table:end`, `table:step`, and `table:grouped-by` attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- g. *The standard defines the property "auto", contained within the attribute `table:end`, contained within the element `<table:data-pilot-groups>`, contained within the parent element `<table:data-pilot-field>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the `table:end`, `table:step`, and `table:grouped-by` attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- h. *The standard defines the attribute `table:grouped-by`, contained within the element `<table:data-pilot-groups>`, contained within the parent element `<table:data-pilot-field>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the `table:end`, `table:step`, and `table:grouped-by` attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- i. *The standard defines the property "days", contained within the attribute `table:grouped-by`, contained within the element `<table:data-pilot-groups>`, contained within the parent element `<table:data-pilot-field>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the attributes `table:end`, `table:step`, and `table:grouped-by` are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the "DataPilot" items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the "DataPilot" items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

Excel supports grouping by days but does not explicitly write grouped-by="days". Instead, Excel only writes the step value and date-start / date-end; therefore "days" is implied.

- j. *The standard defines the property "hours", contained within the attribute table:grouped-by, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- k. *The standard defines the property "minutes", contained within the attribute table:grouped-by, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- l. *The standard defines the property "months", contained within the attribute table:grouped-by, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- m. *The standard defines the property "quarters", contained within the attribute table:grouped-by, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- n. *The standard defines the property "seconds", contained within the attribute table:grouped-by, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- o. *The standard defines the property "years", contained within the attribute table:grouped-by, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if," to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- p. *The standard defines the attribute table:source-field-name, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the attribute table:start, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- r. *The standard defines the property "auto", contained within the attribute table:start, contained within the element <table:data-pilot-groups>, contained within the parent element <table:data-pilot-field>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the table:end, table:step, and table:grouped-by attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

- s. *The standard defines the attribute `table:step`, contained within the element `<table:data-pilot-groups>`, contained within the parent element `<table:data-pilot-field>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The RNG schema language specifies that the `table:end`, `table:step`, and `table:grouped-by` attributes are required. However, the text describing these attributes uses conditional language, such as "if", to specify when these attributes are needed.

Excel does not save these attributes when the DataPilot items are grouped manually, meaning that they are arranged by name. However, Excel saves these attributes when the DataPilot items are grouped automatically based on the "start", "end", "grouped-by", and "step" values.

### **2.1.265 Section 8.8.15, Data Pilot Group**

- a. *The standard defines the element `<table:data-pilot-group>`, contained within the parent element `<table:data-pilot-groups>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:name`, contained within the element `<table:data-pilot-group>`, contained within the parent element `<table:data-pilot-groups>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.266 Section 8.8.16, Data Pilot Group Member**

- a. *The standard defines the element `<table:data-pilot-group-member>`, contained within the parent element `<table:data-pilot-group>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:name`, contained within the element `<table:data-pilot-group-member>`, contained within the parent element `<table:data-pilot-group>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.267 Section 8.9, Consolidation**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:function`, contained within the element `<table:consolidation>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:link-to-source-data`, contained within the element `<table:consolidation>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:source-cell-range-addresses`, contained within the element `<table:consolidation>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:target-cell-address`, contained within the element `<table:consolidation>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `table:use-label`, contained within the element `<table:consolidation>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.268 Section 8.10, DDE Links**

- a. *The standard defines the element `<table:dde-link>`, contained within the parent element `<table:dde-links>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the element `<table:dde-links>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.269 Section 8.11.1, Tracked Changes**

- a. *The standard defines the element `<table:tracked-changes>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.270 Section 9, Graphic Content**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.271 Section 9.1, Enhanced Page Features for Graphical Applications**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.272 Section 9.1.1, Handout Master**

- a. *The standard defines the element `<style:handout-master>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Handouts are saved with 6 slides per page. However, PowerPoint does not read in the handout master style when loading a file as this property is not persisted.

- b. *The standard defines the attribute `draw:style-name`, contained within the element `<style:handout-master>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Gradient backgrounds are not supported for handout masters.

- c. *The standard defines the attribute `presentation:presentation-page-layout-name`, contained within the element `<style:handout-master>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the attribute presentation:use-date-time-name, contained within the element <style:handout-master>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the attribute presentation:use-footer-name, contained within the element <style:handout-master>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the attribute presentation:use-header-name, contained within the element <style:handout-master>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- g. *The standard defines the attribute style:page-layout-name, contained within the element <style:handout-master>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.273 Section 9.1.2, Layer Sets**

- a. *The standard defines the element <draw:layer-set>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.274 Section 9.1.3, Layer**

- a. *The standard defines the element <draw:layer>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is used to identify backgrounds inherited by layouts from masters. If a shape on a master-page is identified as a layout and the shape is on a layer that has a name in the form "<master-page-bg>", then these shapes are inherited from the slide master, and will not appear on the slide. Layers are also used to signify hidden/protected shapes. Beyond these uses, PowerPoint does not support a general concept of layers.

- b. *The standard defines the attribute draw:display, contained within the element <draw:layer>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the attribute draw:name, contained within the element <draw:layer>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the attribute draw:protected, contained within the element <draw:layer>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- e. *The standard defines the attribute svg:desc, contained within the element <draw:layer>*



This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the attribute `svg:title`, contained within the element `<draw:layer>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.275 Section 9.1.4, Drawing Pages**

- a. *The standard defines the element `<draw:page>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute `draw:master-page-name`, contained within the element `<draw:page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the attribute `draw:name`, contained within the element `<draw:page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the attribute `draw:nav-order`, contained within the element `<draw:page>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the attribute `draw:style-name`, contained within the element `<draw:page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- f. *The standard defines the attribute `ID`, contained within the element `<draw:page>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- g. *The standard defines the attribute `presentation:presentation-page-layout-name`, contained within the element `<draw:page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not read this attribute when loading a slide.

- h. *The standard defines the attribute `presentation:use-date-time-name`, contained within the element `<draw:page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint reads dates and times declared using this attribute, but writes them out as textboxes with regular text.

- i. *The standard defines the attribute `presentation:use-footer-name`, contained within the element `<draw:page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint reads footers declared using this attribute, but writes them out as textboxes with regular text.

- j. *The standard defines the attribute `presentation:use-header-name`, contained within the element `<draw:page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint reads headers declared using this attribute, but writes them out as textboxes with regular text.

### **2.1.276 Section 9.1.5, Presentation Notes**

- a. *The standard defines the element `<presentation:notes>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.277 Section 9.2, Drawing Shapes**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.278 Section 9.2.1, Rectangle**

- a. *The standard defines the element `<draw:rect>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a `<draw:custom-shape>` element.

This element is not supported and will be lost when located inside a `<text:p>` element in the following elements:

- `<draw:text-box>`
- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:custom-shape>`
- `<text:note-body>`
- `<office:annotation>`

- b. *The standard defines the element `<draw:rect>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a `<draw:custom-shape>` element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

c. *The standard defines the element <draw:rect>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

### **2.1.279 Section 9.2.2, Line**

a. *The standard defines the element <draw:line>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

b. *The standard defines the element <draw:line>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

c. *The standard defines the element <draw:line>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

## **2.1.280 Section 9.2.3, Polyline**

a. *The standard defines the element <draw:polyline>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

b. *The standard defines the element <draw:polyline>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

c. *The standard defines the element <draw:polyline>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

## 2.1.281 Section 9.2.4, Polygon

### a. *The standard defines the element <draw:polygon>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

### b. *The standard defines the element <draw:polygon>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

### c. *The standard defines the element <draw:polygon>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

### **2.1.282 Section 9.2.5, Regular Polygon**

a. *The standard defines the element <draw:regular-polygon>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

b. *The standard defines the element <draw:regular-polygon>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

c. *The standard defines the element <draw:regular-polygon>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

### **2.1.283 Section 9.2.6, Path**

a. *The standard defines the element <draw:path>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

b. *The standard defines the element <draw:path>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>



- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

c. *The standard defines the element <draw:path>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation element>

### **2.1.284 Section 9.2.7, Circle**

a. *The standard defines the element <draw:circle>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

b. *The standard defines the element <draw:circle>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

c. *The standard defines the element <draw:circle>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

## **2.1.285 Section 9.2.8, Ellipse**

a. *The standard defines the element <draw:ellipse>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

b. *The standard defines the element <draw:ellipse>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

c. *The standard defines the element <draw:ellipse>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

## **2.1.286 Section 9.2.9, Connector**

a. *The standard defines the element <draw:connector>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is not supported, and will be lost, when located inside a <text:p> element in one of the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:custom-shape>
  - <text:note-body>
  - <office:annotation>
- b. *The standard defines the attribute `draw:end-glue-point`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. *The standard defines the attribute `draw:end-shape`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- d. *The standard defines the attribute `draw:line-skew`, contained within the element `<draw:connector>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- Non-default connector elbow positions revert to default positioning after save from Word.
- e. *The standard defines the attribute `draw:start-glue-point`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- f. *The standard defines the attribute `draw:start-shape`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- g. *The standard defines the attribute `draw:type`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- h. *The standard defines the attribute `svg:x1`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- i. *The standard defines the attribute `svg:x2`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- j. *The standard defines the attribute `svg:y1`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- k. *The standard defines the attribute `svg:y2`, contained within the element `<draw:connector>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- l. *The standard defines the element `<draw:connector>`*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- This element is not supported, and will be lost, when located inside a `<text:p>` element in one of the following elements:

- <draw:text-box>
  - <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:custom-shape>
  - <text:note-body>
  - <office:annotation>
- m. *The standard defines the attribute `draw:end-glue-point`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- n. *The standard defines the attribute `draw:end-shape`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- o. *The standard defines the attribute `draw:line-skew`, contained within the element `<draw:connector>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- Non-default connector elbow positions revert to default positioning after save from Excel.
- p. *The standard defines the attribute `draw:start-glue-point`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- q. *The standard defines the attribute `draw:start-shape`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- r. *The standard defines the attribute `draw:type`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- s. *The standard defines the attribute `svg:x1`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- t. *The standard defines the attribute `svg:x2`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- u. *The standard defines the attribute `svg:y1`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- v. *The standard defines the attribute `svg:y2`, contained within the element `<draw:connector>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- w. *The standard defines the element `<draw:connector>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is not supported, and will be lost, when located inside a <text:p> element in one of the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

- x. *The standard defines the attribute draw:end-glue-point, contained within the element <draw:connector>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- y. *The standard defines the attribute draw:end-shape, contained within the element <draw:connector>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- z. *The standard defines the attribute draw:line-skew, contained within the element <draw:connector>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

Non-default connector elbow positions revert to default positioning after save from PowerPoint.

- aa. *The standard defines the attribute draw:start-glue-point, contained within the element <draw:connector>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- bb. *The standard defines the attribute draw:start-shape, contained within the element <draw:connector>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- cc. *The standard defines the attribute draw:type, contained within the element <draw:connector>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- dd. *The standard defines the attribute svg:x1, contained within the element <draw:connector>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ee. *The standard defines the attribute `svg:x2`, contained within the element `<draw:connector>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ff. *The standard defines the attribute `svg:y1`, contained within the element `<draw:connector>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

gg. *The standard defines the attribute `svg:y2`, contained within the element `<draw:connector>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.287 Section 9.2.10, Caption**

a. *The standard defines the element `<draw:caption>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a `<draw:custom-shape>` element.

This element is not supported and will be lost when located inside a `<text:p>` element in the following elements:

- `<draw:text-box>`
- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:custom-shape>`
- `<text:note-body>`
- `<office:annotation>`

b. *The standard defines the element `<draw:caption>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a `<draw:custom-shape>` element.

This element is not supported and will be lost when located inside a `<text:p>` element in one of the following elements:

- `<draw:text-box>`
- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:custom-shape>`
- `<text:note-body>`
- `<office:annotation>`

c. *The standard defines the element <draw:caption>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported, and will be lost, when located inside a <text:p> element in one of the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

### **2.1.288 Section 9.2.11, Measure**

a. *The standard defines the element <draw:measure>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

b. *The standard defines the element <draw:measure>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported and will be lost when located inside a <text:p> element in one of the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>



- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

c. *The standard defines the element <draw:measure>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is converted on save to a <draw:custom-shape> element.

This element is not supported, and will be lost, when located inside a <text:p> element in one of the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

### **2.1.289 Section 9.2.12, Control**

a. *The standard defines the element <draw:control>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

b. *The standard defines the element <draw:control>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the element <draw:control>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.290 Section 9.2.13, Page Thumbnail**

a. *The standard defines the element <draw:page-thumbnail>, contained within the parent element <draw:handout-master>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint writes out handout masters using this element, but does not read it in when loading a presentation.

- b. *The standard defines the element <draw:page-thumbnail>, contained within the parent element <draw:page>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the element <draw:page-thumbnail>, contained within the parent element <presentation:notes>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

## **2.1.291 Section 9.2.14, Grouping**

- a. *The standard defines the element <draw:g>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is not supported and will be lost when contained within a <text:p> element that is contained within one of the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

If a group contains only one object, Word loads only the object, and the grouping is lost.

- b. *The standard defines the attribute `svg:y`, contained within the element <draw:g>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <draw:g>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is not supported and will be lost when contained within a <text:p> element that is contained within one of the following elements:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>
- <office:annotation>

Excel cannot support certain types of objects being grouped together. An OLE object grouped with anything other than another OLE object will cause the group to be split into two groups: one containing the OLE objects and one containing all other objects. If a group contains only one object, Excel loads only the object, and the grouping is lost.

On save, Excel horizontally flips the position of objects in a group located on a right-to-left oriented worksheet.

- d. *The standard defines the attribute `svg:y`, contained within the element `<draw:g>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element `<draw:g>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is not supported and will be lost when contained within a `<text:p>` element that is contained within one of the following elements:

- `<draw:text-box>`
- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:custom-shape>`
- `<text:note-body>`
- `<office:annotation>`

If a group contains only one object, then PowerPoint loads only the object, and loses the grouping.

- f. *The standard defines the attribute `svg:y`, contained within the element `<draw:g>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.292 Section 9.2.15, Common Drawing Shape Attributes**

- a. *The standard defines the attribute `draw:caption-id`*

Word 2013 does not support this attribute for the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`

- <draw:custom-shape>

b. *The standard defines the attribute draw:class-names*

Word 2013 does not support this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

c. *The standard defines the attribute draw:id*

Word 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

d. *The standard defines the attribute draw:layer*

Word 2013 does not support this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

e. *The standard defines the attribute draw:name*

Word 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

f. *The standard defines the attribute draw:style-name*

Word 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

g. *The standard defines the property "matrix(<a> <b> <c> <d> <e> <f>)", contained within the attribute draw:transform*

Word 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

h. *The standard defines the property "rotate(<rotate-angle>)", contained within the attribute draw:transform*

Word 2013 supports this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

Rotation is not supported for a <draw:frame> element that contains a <draw:object-ole> element.

- i. *The standard defines the property "scale(<sx> [<sy>])", contained within the attribute draw:transform*

Word 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- j. *The standard defines the property "skewX(<skew-angle>)", contained within the attribute draw:transform*

Word 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- k. *The standard defines the property "skewY(<skew-angle>)", contained within the attribute draw:transform*

Word 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- l. *The standard defines the property "translate(<tx> [<ty>])", contained within the attribute draw:transform*

Word 2013 supports this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- m. *The standard defines the attribute draw:z-index*

Word 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

n. *The standard defines the attribute `svg:height`*

Word 2013 supports this attribute for the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:custom-shape>`

o. *The standard defines the attribute `svg:view-box`*

Word 2013 supports this attribute for the following elements:

- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:path>`

p. *The standard defines the attribute `svg:width`*

Word 2013 supports this attribute for the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:custom-shape>`

q. *The standard defines the attribute `svg:x`*

Word 2013 supports this attribute for the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`



- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

r. *The standard defines the attribute `svg:y`*

Word 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

s. *The standard defines the attribute `draw:caption-id`*

Excel 2013 does not support this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

t. *The standard defines the attribute `draw:class-names`*

Excel 2013 does not support this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>

- <draw:frame>
- <draw:custom-shape>

u. *The standard defines the attribute draw:id*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

v. *The standard defines the attribute draw:layer*

Excel 2013 does not support this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

w. *The standard defines the attribute draw:name*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

x. *The standard defines the attribute `draw:style-name`*

Excel 2013 supports this attribute for the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:custom-shape>`

y. *The standard defines the property "`matrix(<a> <b> <c> <d> <e> <f>`)", contained within the attribute `draw:transform`*

Excel 2013 does not support this enum for the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:custom-shape>`

z. *The standard defines the property "`rotate(<rotate-angle>`)", contained within the attribute `draw:transform`*

Excel 2013 supports this enum for the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:custom-shape>`

Rotation is not supported for a <draw:frame> element that contains a <draw:object-ole> element.

- aa. *The standard defines the property "scale(<sx> [<sy>])", contained within the attribute draw:transform*

Excel 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- bb. *The standard defines the property "skewX(<skew-angle>)", contained within the attribute draw:transform*

Excel 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- cc. *The standard defines the property "skewY(<skew-angle>)", contained within the attribute draw:transform*

Excel 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>

- <draw:g>
  - <draw:frame>
  - <draw:custom-shape>
- dd. *The standard defines the property "translate(<tx> [<ty>])", contained within the attribute draw:transform*

Excel 2013 supports this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- ee. *The standard defines the attribute draw:z-index*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- ff. *The standard defines the attribute svg:height*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>

- <draw:frame>
- <draw:custom-shape>

gg. *The standard defines the attribute `svg:view-box`*

Excel 2013 supports this attribute for the following elements:

- draw:polyline
- draw:polygon
- draw:path

hh. *The standard defines the attribute `svg:width`*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

ii. *The standard defines the attribute `svg:x`*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

jj. *The standard defines the attribute `svg:y`*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

kk. *The standard defines the attribute draw:caption-id*

PowerPoint 2013 does not support this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

ll. *The standard defines the attribute draw:class-name*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not support or preserve this element.

mm. *The standard defines the attribute draw:class-names*

PowerPoint 2013 does not support this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

nn. *The standard defines the attribute draw:id*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

oo. *The standard defines the attribute draw:layer*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

pp. *The standard defines the attribute draw:name*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

qq. *The standard defines the attribute draw:style-name*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>



- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

rr. *The standard defines the property "matrix(<a> <b> <c> <d> <e> <f>)", contained within the attribute draw:transform*

PowerPoint 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

ss. *The standard defines the property "rotate(<rotate-angle>)", contained within the attribute draw:transform*

PowerPoint 2013 supports this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

Rotation is not supported for a <draw:frame> element that contains a <draw:object-ole> element.

tt. *The standard defines the property "scale(<sx> [<sy>])", contained within the attribute draw:transform*

PowerPoint 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

uu. *The standard defines the property "skewX(<skew-angle>)", contained within the attribute draw:transform*

PowerPoint 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

vv. *The standard defines the property "skewY(<skew-angle>)", contained within the attribute draw:transform*

PowerPoint 2013 does not support this enum for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

ww. *The standard defines the property "translate(<tx> [<ty>])", contained within the attribute draw:transform*

PowerPoint 2013 supports this enum for the following elements:

- <draw:rect>

- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

xx. *The standard defines the attribute draw:z-index*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

yy. *The standard defines the attribute presentation:class-name*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not support or preserve this element.

zz. *The standard defines the attribute presentation:style-name*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint treats draw:style-name and presentation:style-name equivalently. On write, PowerPoint uses presentation style names for placeholder shapes.

aaa. *The standard defines the attribute svg:height*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

bbb. *The standard defines the attribute `svg:view-box`*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:polyline>
- <draw:polygon>
- <draw:path>

ccc. *The standard defines the attribute `svg:width`*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

ddd. *The standard defines the attribute `svg:x`*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

eee. *The standard defines the attribute `svg:y`*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

fff. *The standard defines the attribute `svg:z-index`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ggg. *The standard defines the attribute `draw:name`, contained within the element `<draw:object>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not read in OLE object names; it sets default values for these attributes on load.

hhh. *The standard defines the attribute `draw:name`, contained within the element `<draw:object-ole>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not read in OLE object names; it sets default values for these attributes on load.

### **2.1.293 Section 9.2.16, Common Shape Attributes for Text and Spreadsheet Documents**

a. *The standard defines the attribute `text:anchor-page-number`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, objects that are anchored to a specific page number using the `text:anchor-page-number` attribute will appear on the first page.

b. *The standard defines the property `"as-char"`, contained within the attribute `text:anchor-type`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load and save, Word supports this value for the `text:anchor-type` attribute when a shape is inserted inline with text.

c. *The standard defines the property `"char"`, contained within the attribute `text:anchor-type`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word reverts to a default value of "paragraph" for all unsupported values of the `text:anchor-type` attribute.

d. *The standard defines the property `"frame"`, contained within the attribute `text:anchor-type`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word reverts to a default value of "paragraph" for all unsupported values of the `text:anchor-type` attribute.

- e. *The standard defines the property "page", contained within the attribute text:anchor-type*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.  
On load, Word reverts to a default value of "paragraph" for all unsupported values of the text:anchor-type attribute.
- f. *The standard defines the property "paragraph", contained within the attribute text:anchor-type*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- g. *The standard defines the element <table:end-cell-address>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- h. *The standard defines the element <table:end-x>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- i. *The standard defines the element <table:end-y>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- j. *The standard defines the element <table:table-background>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

#### **2.1.294 Section 9.2.17, Common Drawing Shape Content**

- a. Word supports text on shapes.  
This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <text:list>, contained within the parent element <draw-text>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.295 Section 9.2.18, Common Shape Attribute Groups**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.296 Section 9.2.19, Glue Points**

- a. *The standard defines the element <draw:glue-point>*

Word 2013 does not support this element for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:custom-shape>

b. *The standard defines the element <draw:glue-point>*

Excel 2013 does not support this element for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:custom-shape>

c. *The standard defines the element <draw:glue-point>*

PowerPoint 2013 does not support this element for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:custom-shape>

### **2.1.297 Section 9.2.20, Title and Description**

a. *The standard defines the attribute `svg:desc`*

Word 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

b. *The standard defines the attribute `svg:title`*

Word 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

c. *The standard defines the attribute `svg:desc`*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

d. *The standard defines the attribute `svg:title`*

Excel 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>



- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

e. *The standard defines the attribute `svg:desc`*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

f. *The standard defines the attribute `svg:title`*

PowerPoint 2013 supports this attribute for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

### **2.1.298 Section 9.2.21, Event Listeners**

a. Word 2013 does not support this for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>

- <draw:text-box>
  - <draw:image>
  - <draw:custom-shape>
- b. Excel 2013 does not support this for the following elements:
- <draw:rect>
  - <draw:line>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:connector>
  - <draw:caption>
  - <draw:measure>
  - <draw:g>
  - <draw:text-box>
  - <draw:image>
  - <draw:custom-shape>
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.299 Section 9.3, Frames**

- a. *The standard defines the element <draw:frame>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word frames become textboxes after save.

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This element is not supported and will be lost when located inside a <text:p> element in an <office:annotation> element.

- b. *The standard defines the attribute draw:copy-of, contained within the element <draw:frame>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute style:rel-height, contained within the element <draw:frame>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute style:rel-width, contained within the element <draw:frame>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <draw:frame>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This element is not supported, and will be lost, when contained within a <text:p>, when that <text:p> is within an <office:annotation>.

- f. *The standard defines the element <draw:frame>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

This element is not supported when located inside a <text:p> element in an <office:annotation> element, and will be lost.

### 2.1.300 Section 9.3.1, Text Box

- a. *The standard defines the element <draw:text-box>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

A <draw:text-box> element located inside a <draw:frame> element in a <text:p> element in the following elements is not supported and will be lost:

- <draw:text-box>
- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>
- <text:note-body>

- b. *The standard defines the attribute draw:chain-next-name, contained within the element <draw:text-box>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Text linking between text boxes in headers or footers are lost on load.

- c. *The standard defines the attribute draw:corner-radius, contained within the element <draw:text-box>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute fo:max-height, contained within the element <draw:text-box>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word supports length but not percent for this attribute.

Word supports the fo:max-height attribute when the value is less than the value of the svg:height attribute on the text box's <draw:frame> parent element. For this case, Word uses the value specified in the fo:max-height attribute as the text box's height instead of the svg:height attribute and writes this value to the svg:height attribute on save.

- e. *The standard defines the attribute fo:max-width, contained within the element <draw:text-box>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word supports length but not percent for this attribute.

Word supports the fo:max-width attribute when the value is less than the value of the svg:width attribute on the text box's <draw:frame> parent element. For this case, Word uses the value specified in the fo:max-width attribute as the text box's width instead of the svg:width attribute, and Word writes this value to the svg:width attribute on save.

- f. *The standard defines the attribute fo:min-height, contained within the element <draw:text-box>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word supports length but not percent for this attribute.

This attribute is used when the `svg:height` attribute on the text box's `<draw:frame>` parent element is missing. Otherwise, this attribute is ignored.

- g. *The standard defines the attribute `fo:min-width`, contained within the element `<draw:text-box>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word supports length but not percent for this attribute.

Word uses the `fo:min-width` attribute when the `svg:width` attribute on the text box's `<draw:frame>` parent element is missing. Otherwise, Word ignores this attribute.

- h. *The standard defines the attribute `text:id`, contained within the element `<draw:text-box>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the element `<draw:text-box>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

A `<draw:text-box>` element located inside a `<draw:frame>` element in a `<text:p>` element in the following elements is not supported and will be lost:

- `<draw:text-box>`
- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:custom-shape>`
- `<text:note-body>`

- j. *The standard defines the attribute `draw:chain-next-name`, contained within the element `<draw:text-box>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `draw:corner-radius`, contained within the element `<draw:text-box>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute `fo:max-height`, contained within the element `<draw:text-box>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports length but not percent for this attribute.

Excel supports the `fo:max-height` attribute when the value is less than the value for the `svg:height` attribute on the text box's `<draw:frame>` parent element. For this case, Excel uses the value specified in the `fo:max-height` attribute as the text box's height instead of the `svg:height` attribute and writes this value to the `svg:height` attribute on save.

- m. *The standard defines the attribute `fo:max-width`, contained within the element `<draw:text-box>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports length, but not percent for this attribute.

Excel supports the `fo:max-width` attribute when the value is less than the value for the `svg:width` attribute on the text box's `<draw:frame>` parent element. For this case, Excel uses the value specified in the `fo:max-width` attribute as the text box's width instead of the `svg:width` attribute and writes this value to the `svg:width` attribute on save.

- n. *The standard defines the attribute `fo:min-height`, contained within the element `<draw:text-box>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports length but not percent for this attribute.

Excel uses the `fo:min-height` attribute when the `svg:height` attribute on the text box's `<draw:frame>` parent element is missing. Otherwise, Excel ignores this attribute.

- o. *The standard defines the attribute `fo:min-width`, contained within the element `<draw:text-box>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports length, but not percent for this attribute.

Excel uses the `fo:min-width` attribute when the `svg:width` attribute on the text box's `<draw:frame>` parent element is missing. Otherwise, Excel ignores this attribute.

- p. *The standard defines the element `<draw:text-box>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

A `<draw:text-box>` element located inside a `<draw:frame>` element in a `<text:p>` element in the following elements is not supported and will be lost:

- `<draw:text-box>`
- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:custom-shape>`
- `<text:note-body>`

- q. *The standard defines the attribute `draw:chain-next-name`, contained within the element `<draw:text-box>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the attribute `draw:corner-radius`, contained within the element `<draw:text-box>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the attribute `fo:max-height`, contained within the element `<draw:text-box>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports length but not percent for this attribute.

PowerPoint supports the fo:max-height attribute when the value is less than the value for the svg:height attribute on the text box's <draw:frame> parent element. For this case, PowerPoint uses the value specified in the fo:max-height attribute as the text box's height instead of the svg:height attribute and writes this value to the svg:height attribute on save.

- t. *The standard defines the attribute fo:max-width, contained within the element <draw:text-box>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports length but not percent for this attribute.

PowerPoint supports the fo:max-width attribute when the value is less than the value for the svg:width attribute on the text box's <draw:frame> parent element. For this case, PowerPoint uses the value specified in the fo:max-width attribute as the text box's width instead of the svg:width attribute and writes this value to the svg:width attribute on save.

- u. *The standard defines the attribute fo:min-height, contained within the element <draw:text-box>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports length but not percent for this attribute.

PowerPoint uses the fo:min-height attribute when the svg:height attribute on the text box's <draw:frame> parent element is missing. Otherwise, PowerPoint ignores this attribute.

- v. *The standard defines the attribute fo:min-width, contained within the element <draw:text-box>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports length, but not percent for this attribute.

PowerPoint uses the fo:min-width attribute when the svg:width attribute on the text box's <draw:frame> parent element is missing. Otherwise, PowerPoint ignores this attribute.

### **2.1.301 Section 9.3.2, Image**

- a. *The standard defines the element <draw:image>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Text on an image is not supported and on load, Word drops the text.

- b. *The standard defines the attribute draw:filter-name, contained within the element <draw:image>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute xlink:actuate, contained within the element <draw:image>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute xlink:href, contained within the element <draw:image>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Relative URIs are not supported, only absolute URIs are supported.

- e. *The standard defines the attribute `xlink:show`, contained within the element `<draw:image>`*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- f. *The standard defines the attribute `xlink:type`, contained within the element `<draw:image>`*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- g. *The standard defines the element `<office:binary-data>`*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- h. *The standard defines the element `<draw:image>`*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
Text on an image is not supported and on load, Excel drops the text.
- i. *The standard defines the attribute `draw:filter-name`, contained within the element `<draw:image>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- j. *The standard defines the attribute `xlink:actuate`, contained within the element `<draw:image>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- k. *The standard defines the attribute `xlink:href`, contained within the element `<draw:image>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
Relative URIs are not supported, only absolute URIs are supported.
- l. *The standard defines the attribute `xlink:show`, contained within the element `<draw:image>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- m. *The standard defines the attribute `xlink:type`, contained within the element `<draw:image>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- n. *The standard defines the element `<office:binary-data>`*  
This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- o. *The standard defines the element `<draw:image>`*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.  
Text on an image is not supported and on load, PowerPoint drops the text.
- p. *The standard defines the attribute `draw:filter-name`, contained within the element `<draw:image>`*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- q. *The standard defines the attribute `xlink:actuate`, contained within the element `<draw:image>`*  
This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- r. *The standard defines the attribute `xlink:href`, contained within the element `<draw:image>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Relative URIs are not supported, only absolute URIs are supported.

- s. *The standard defines the attribute `xlink:show`, contained within the element `<draw:image>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- t. *The standard defines the attribute `xlink:type`, contained within the element `<draw:image>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- u. *The standard defines the element `<office:binary-data>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.302 Section 9.3.3, Objects**

- a. *The standard defines the element `<draw:object>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `xlink:actuate`, contained within the element `<draw:object>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `xlink:href`, contained within the element `<draw:object>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `xlink:show`, contained within the element `<draw:object>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `xlink:type`, contained within the element `<draw:object>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element `<draw:object-ole>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the element `<math:math>`, contained within the parent element `<draw:object>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the element `<office:binary-data>`, contained within the parent element `<draw:object-ole>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the element `<draw:object>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute `draw:notify-on-update-of-ranges`, contained within the element `<draw:object>`*



This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `xlink:actuate`, contained within the element `<draw:object>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the attribute `xlink:href`, contained within the element `<draw:object>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the attribute `xlink:show`, contained within the element `<draw:object>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the attribute `xlink:type`, contained within the element `<draw:object>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the element `<draw:object-ole>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

41. Excel does not write a fill on OLE objects, so the background of a OLE object will appear transparent.

42. Excel only supports absolute paths for OLE links.

- p. *The standard defines the attribute `draw:class-id`, contained within the element `<draw:object-ole>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the attribute `office:binary-data`, contained within the element `<draw:object-ole>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the attribute `xlink:actuate`, contained within the element `<draw:object-ole>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the attribute `xlink:href`, contained within the element `<draw:object-ole>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- t. *The standard defines the attribute `xlink:show`, contained within the element `<draw:object-ole>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- u. *The standard defines the attribute `xlink:type`, contained within the element `<draw:object-ole>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- v. *The standard defines the element `<math:math>`, contained within the parent element `<draw:object>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- w. *The standard defines the element `<office:document>`, contained within the parent element `<draw:object>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- x. *The standard defines the element `<draw:object>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- y. *The standard defines the attribute `draw:class-id`, contained within the element `<draw:object>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- z. *The standard defines the attribute `draw:name`, contained within the element `<draw:object>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not read in OLE object names; it sets default values for these attributes on load.

- aa. *The standard defines the attribute `draw:notify-on-change-of-table`, contained within the element `<draw:object>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the attribute `xlink:href`, contained within the element `<draw:object>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- cc. *The standard defines the element `<draw:object-ole>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not read in OLE object names; it sets default values for these attributes on load.

- dd. *The standard defines the attribute `draw:class-id`, contained within the element `<draw:object-ole>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ee. *The standard defines the attribute `draw:notify-on-change-of-table`, contained within the element `<draw:object-ole>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ff. *The standard defines the attribute `xlink:href`, contained within the element `<draw:object-ole>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.303 Section 9.3.4, Applet**

- a. *The standard defines the element `<draw:applet>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<draw:applet>`, contained within the parent element `<draw-applet>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element `<draw:applet>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.304 Section 9.3.5, Plugins**

- a. *The standard defines the element <draw:plugin>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <draw:plugin>, contained within the parent element <draw-plugin>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <draw:plugin>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Plug-ins are used to load and save movies and sounds. PowerPoint accepts links to hrefs in the document package.

PowerPoint saves the mime-type of the media as one of the parameters, but ignores it on load.

PowerPoint will not be able to play any plug-ins that cannot be played back using the media pipeline in PowerPoint.

### **2.1.305 Section 9.3.6, Parameters**

- a. *The standard defines the element <draw:param>, contained within the parent element <draw:applet>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <draw:param>, contained within the parent element <draw:plugin>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <draw:param>, contained within the parent element <draw-param>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the element <draw:param>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.306 Section 9.3.7, Floating Frame**

- a. *The standard defines the element <draw:floating-frame>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word ignores the <draw:floating-frame> element and reads the contents of the floating frame as paragraph contents.

- b. *The standard defines the element <draw:floating-frame>, contained within the parent element <draw-floating-frame>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <draw:floating-frame>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.307 Section 9.3.8, Contour**

- a. *The standard defines the element <draw:contour>, contained within the parent element <draw:applet>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <draw:contour>, contained within the parent element <draw:floating frame>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <draw:contour>, contained within the parent element <draw:image>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <draw:contour>, contained within the parent element <draw:object>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <draw:contour>, contained within the parent element <draw:object-ole>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <draw:contour>, contained within the parent element <draw:plugin>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:applet>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:floating frame>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:image>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:object>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- k. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:object-ole>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- l. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:plugin>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.308 Section 9.3.9, Hyperlinks**

- a. *The standard defines the element <draw:a>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <draw:a>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <draw:a>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the element <draw:frame>, contained within the parent element <draw:a>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint creates hyperlinks on shapes using the event-listener mechanism. PowerPoint does not load frames in hyperlinks.

### **2.1.309 Section 9.3.10, Client Side Image Maps**

- a. *The standard defines the element <draw:image-map>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <draw:image-map>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <draw:image-map>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.310 Section 9.4, 3D Shapes**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.311 Section 9.4.1, Scene**

- a. *The standard defines the element <dr3d:scene>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <dr3d:scene>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <dr3d:scene>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.312 Section 9.4.2, Light**

- a. *The standard defines the element <dr3d:light>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <dr3d:light>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <dr3d:light>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.313 Section 9.4.3, Cube**

- a. *The standard defines the element <dr3d:cube>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <dr3d:cube>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <dr3d:cube>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.314 Section 9.4.4, Sphere**

- a. *The standard defines the element <dr3d:sphere>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <dr3d:sphere>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <dr3d:sphere>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.315 Section 9.4.5, Extrude**

- a. *The standard defines the element <dr3d:extrude>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <dr3d:extrude>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <dr3d:extrude>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.316 Section 9.4.6, Rotate**

- a. *The standard defines the element <dr3d:rotate>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <dr3d:rotate>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <dr3d:rotate>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.317 Section 9.5, Custom Shape**

- a. *The standard defines the element <draw:custom-shape>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute draw:data, contained within the element <draw:custom-shape>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute draw:engine, contained within the element <draw:custom-shape>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <draw:custom-shape>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute draw:data, contained within the element <draw:custom-shape>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute draw:engine, contained within the element <draw:custom-shape>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the element <draw:custom-shape>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- h. *The standard defines the attribute `draw:data`, contained within the element `<draw:custom-shape>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- i. *The standard defines the attribute `draw:engine`, contained within the element `<draw:custom-shape>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.318 Section 9.5.1, Enhanced Geometry**

- a. *The standard defines the element `<draw:enhanced-geometry>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `draw:concentric-gradient-fill-allowed`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `draw:extrusion-allowed`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `draw:mirror-horizontal`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute `draw:mirror-vertical`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `draw:text-path-allowed`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute `draw:text-rotate-angle`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute `draw:type`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The enumeration "non-primitive" is supported. Any other value for the `draw:type` attribute is ignored.

- i. *The standard defines the attribute `svg:view-box`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.



- j. *The standard defines the element <draw:enhanced-geometry>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- k. *The standard defines the attribute draw:concentric-gradient-fill-allowed, contained within the element <draw:enhanced-geometry>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- l. *The standard defines the attribute draw:extrusion-allowed, contained within the element <draw:enhanced-geometry>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- m. *The standard defines the attribute draw:mirror-horizontal, contained within the element <draw:enhanced-geometry>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- n. *The standard defines the attribute draw:mirror-vertical, contained within the element <draw:enhanced-geometry>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- o. *The standard defines the attribute draw:text-path-allowed, contained within the element <draw:enhanced-geometry>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- p. *The standard defines the attribute draw:text-rotate-angle, contained within the element <draw:enhanced-geometry>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- q. *The standard defines the attribute draw:type, contained within the element <draw:enhanced-geometry>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
The enumeration "non-primitive" is supported. Any other value for the draw:type attribute is ignored.
- r. *The standard defines the attribute svg:view-box, contained within the element <draw:enhanced-geometry>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- s. *The standard defines the element <draw:enhanced-geometry>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- t. *The standard defines the attribute draw:concentric-gradient-fill-allowed, contained within the element <draw:enhanced-geometry>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- u. *The standard defines the attribute draw:extrusion-allowed, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- v. *The standard defines the attribute `draw:mirror-horizontal`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- w. *The standard defines the attribute `draw:mirror-vertical`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- x. *The standard defines the attribute `draw:text-path-allowed`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the attribute `draw:text-rotate-angle`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the attribute `draw:type`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

The enumeration "non-primitive" is supported. Any other value for the `draw:type` attribute is ignored.

- aa. *The standard defines the attribute `svg:view-box`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.319 Section 9.5.2, Enhanced Geometry - Extrusion Attributes**

- a. *The standard defines the attribute `dr3d:projection`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 supports this attribute for the `<draw:custom-shape>` element.

- b. *The standard defines the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 supports this attribute for the `<draw:custom-shape>` element.

- c. *The standard defines the property "draft", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 supports this enum for the `<draw:custom-shape>` element.

- d. *The standard defines the property "flat", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this enum for draw:custom-shape. Word changes this to gourard.

- e. *The standard defines the property "gourard", contained within the attribute dr3d:shade-mode, contained within the element <draw:enhanced-geometry>*

Word 2013 supports this enum for the <draw:custom-shape> element.

- f. *The standard defines the property "phong", contained within the attribute dr3d:shade-mode, contained within the element <draw:enhanced-geometry>*

Word 2013 does not support this enum for draw:custom-shape. Word changes this to gourard.

- g. *The standard defines the attribute draw:extrusion, contained within the element <draw:enhanced-geometry>*

Word 2013 supports this attribute for the <draw:custom-shape> element.

- h. *The standard defines the attribute draw:extrusion-brightness, contained within the element <draw:enhanced-geometry>*

Word 2013 supports this attribute for the <draw:custom-shape> element.

- i. *The standard defines the attribute draw:extrusion-color, contained within the element <draw:enhanced-geometry>*

Word 2013 supports this attribute for the <draw:custom-shape> element.

- j. *The standard defines the attribute draw:extrusion-depth, contained within the element <draw:enhanced-geometry>*

Word 2013 supports this attribute for the <draw:custom-shape> element.

- k. *The standard defines the attribute draw:extrusion-diffusion, contained within the element <draw:enhanced-geometry>*

Word 2013 does not support this attribute for draw:custom-shape. Word always writes out the value 65.536% for this attribute.

- l. *The standard defines the attribute draw:extrusion-first-light-direction, contained within the element <draw:enhanced-geometry>*

Word 2013 supports this attribute for draw:custom-shape.

- m. *The standard defines the attribute draw:extrusion-first-light-harsh, contained within the element <draw:enhanced-geometry>*

Word 2013 does not support this attribute for the <draw:custom-shape> element.

- n. *The standard defines the attribute draw:extrusion-first-light-level, contained within the element <draw:enhanced-geometry>*

Word 2013 does not support this attribute for the <draw:custom-shape> element.

- o. *The standard defines the attribute draw:extrusion-light-face, contained within the element <draw:enhanced-geometry>*

Word 2013 does not support this attribute for the <draw:custom-shape> element.

- p. *The standard defines the attribute draw:extrusion-metal, contained within the element <draw:enhanced-geometry>*

Word 2013 supports this attribute for the <draw:custom-shape> element.

- q. *The standard defines the attribute `draw:extrusion-number-of-line-segments`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for the `<draw:custom-shape>` element.

- r. *The standard defines the attribute `draw:extrusion-origin`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for `draw:custom-shape`. Word always writes out (-0.5 0.5).

- s. *The standard defines the attribute `draw:extrusion-rotation-angle`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 supports this attribute for the `<draw:custom-shape>` element.

- t. *The standard defines the attribute `draw:extrusion-rotation-center`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for the `<draw:custom-shape>` element.

- u. *The standard defines the attribute `draw:extrusion-second-light-direction`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for `draw:custom-shape`. Word always writes out (-0.05468 0 0.01094).

- v. *The standard defines the attribute `draw:extrusion-second-light-harsh`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for `draw:custom-shape`. Word always writes out false.

- w. *The standard defines the attribute `draw:extrusion-second-light-level`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for `draw:custom-shape`. Word always writes out 37%.

- x. *The standard defines the attribute `draw:extrusion-shininess`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for the `<draw:custom-shape>` element.

- y. *The standard defines the attribute `draw:extrusion-skew`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for `draw:custom-shape`.

- z. *The standard defines the attribute `draw:extrusion-specularity`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for `draw:custom-shape`. Word always writes out 80%.

- aa. *The standard defines the attribute `draw:extrusion-viewpoint`, contained within the element `<draw:enhanced-geometry>`*

Word 2013 does not support this attribute for the `<draw:custom-shape>` element.

- bb. *The standard defines the attribute `dr3d:projection`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for the `<draw:custom-shape>` element.

cc. *The standard defines the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for the `<draw:custom-shape>` element.

dd. *The standard defines the property "draft", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this enum for the `<draw:custom-shape>` element.

ee. *The standard defines the property "flat", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this enum for `draw:custom-shape`. Excel changes this to `gourard`.

ff. *The standard defines the property "gourard", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this enum for the `<draw:custom-shape>` element.

gg. *The standard defines the property "phong", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this enum for `draw:custom-shape`. Excel changes this to `gourard`.

hh. *The standard defines the attribute `draw:extrusion`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for the `<draw:custom-shape>` element.

ii. *The standard defines the attribute `draw:extrusion-brightness`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for the `<draw:custom-shape>` element.

jj. *The standard defines the attribute `draw:extrusion-color`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for the `<draw:custom-shape>` element.

kk. *The standard defines the attribute `draw:extrusion-depth`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for the `<draw:custom-shape>` element.

ll. *The standard defines the attribute `draw:extrusion-diffusion`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for `draw:custom-shape`. Excel always writes out the value `65.536%` for this attribute.

mm. *The standard defines the attribute `draw:extrusion-first-light-direction`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for `draw:custom-shape`.

nn. *The standard defines the attribute `draw:extrusion-first-light-harsh`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for the `<draw:custom-shape>` element.

oo. *The standard defines the attribute `draw:extrusion-first-light-level`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for the `<draw:custom-shape>` element.

pp. *The standard defines the attribute `draw:extrusion-light-face`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for the `<draw:custom-shape>` element.

qq. *The standard defines the attribute `draw:extrusion-metal`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for the `<draw:custom-shape>` element.

rr. *The standard defines the attribute `draw:extrusion-number-of-line-segments`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for the `<draw:custom-shape>` element.

ss. *The standard defines the attribute `draw:extrusion-origin`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for `draw:custom-shape`. Excel always writes out `(-0.5 0.5)`.

tt. *The standard defines the attribute `draw:extrusion-rotation-angle`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 supports this attribute for the `<draw:custom-shape>` element.

uu. *The standard defines the attribute `draw:extrusion-rotation-center`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for the `<draw:custom-shape>` element.

vv. *The standard defines the attribute `draw:extrusion-second-light-direction`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for `draw:custom-shape`. Excel always writes out `(-0.05468 0 0.01094)`.

ww. *The standard defines the attribute `draw:extrusion-second-light-harsh`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for `draw:custom-shape`. Excel always writes out `false`.

xx. *The standard defines the attribute `draw:extrusion-second-light-level`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for `draw:custom-shape`. Excel always writes out `37%`.

yy. *The standard defines the attribute `draw:extrusion-shininess`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for the `<draw:custom-shape>` element.

zz. *The standard defines the attribute `draw:extrusion-skew`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for the `<draw:custom-shape>` element.

aaa. *The standard defines the attribute `draw:extrusion-specularity`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for `draw:custom-shape`. Excel always writes out 80%.

bbb. *The standard defines the attribute `draw:extrusion-viewpoint`, contained within the element `<draw:enhanced-geometry>`*

Excel 2013 does not support this attribute for the `<draw:custom-shape>` element.

ccc. *The standard defines the attribute `dr3d:projection`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for the `<draw:custom-shape>` element.

ddd. *The standard defines the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for the `<draw:custom-shape>` element.

eee. *The standard defines the property "draft", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this enum for the `<draw:custom-shape>` element.

fff. *The standard defines the property "flat", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this enum for `draw:custom-shape`. PowerPoint changes this to `gourard`.

ggg. *The standard defines the property "gourard", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this enum for the `<draw:custom-shape>` element.

hhh. *The standard defines the property "phong", contained within the attribute `dr3d:shade-mode`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this enum for `draw:custom-shape`. PowerPoint changes this to `gourard`.

iii. *The standard defines the attribute `draw:extrusion`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for the `<draw:custom-shape>` element.

jjj. *The standard defines the attribute `draw:extrusion-brightness`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for the `<draw:custom-shape>` element.

kkk. *The standard defines the attribute `draw:extrusion-color`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for the `<draw:custom-shape>` element.

lll. *The standard defines the attribute `draw:extrusion-depth`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for the `<draw:custom-shape>` element.

mmm. *The standard defines the attribute `draw:extrusion-diffusion`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this attribute for `draw:custom-shape`. PowerPoint always writes out the value 65.536% for this attribute.

nnn. *The standard defines the attribute `draw:extrusion-first-light-direction`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for `draw:custom-shape`.

ooo. *The standard defines the attribute `draw:extrusion-first-light-harsh`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this attribute for the `<draw:custom-shape>` element.

ppp. *The standard defines the attribute `draw:extrusion-first-light-level`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this attribute for the `<draw:custom-shape>` element.

qqq. *The standard defines the attribute `draw:extrusion-light-face`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this attribute for the `<draw:custom-shape>` element.

rrr. *The standard defines the attribute `draw:extrusion-metal`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for the `<draw:custom-shape>` element.

sss. *The standard defines the attribute `draw:extrusion-number-of-line-segments`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this attribute for the `<draw:custom-shape>` element.

ttt. *The standard defines the attribute `draw:extrusion-origin`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this attribute for `draw:custom-shape`. PowerPoint always writes out (-0.5 0.5).

uuu. *The standard defines the attribute `draw:extrusion-rotation-angle`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 supports this attribute for the `<draw:custom-shape>` element.

vvv. *The standard defines the attribute `draw:extrusion-rotation-center`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this attribute for the `<draw:custom-shape>` element.

www. *The standard defines the attribute `draw:extrusion-second-light-direction`, contained within the element `<draw:enhanced-geometry>`*

PowerPoint 2013 does not support this attribute for `draw:custom-shape`. PowerPoint always writes out (-0.05468 0 0.01094).

xxx. *The standard defines the attribute `draw:extrusion-second-light-harsh`, contained within the element `<draw:enhanced-geometry>`*



PowerPoint 2013 does not support this attribute for draw:custom-shape. PowerPoint always writes out false.

yyy. *The standard defines the attribute draw:extrusion-second-light-level, contained within the element <draw:enhanced-geometry>*

PowerPoint 2013 does not support this attribute for draw:custom-shape. PowerPoint always writes out 37%.

zzz. *The standard defines the attribute draw:extrusion-shininess, contained within the element <draw:enhanced-geometry>*

PowerPoint 2013 does not support this attribute for the <draw:custom-shape> element.

aaaa. *The standard defines the attribute draw:extrusion-skew, contained within the element <draw:enhanced-geometry>*

PowerPoint 2013 does not support this attribute for the <draw:custom-shape> element.

bbbb. *The standard defines the attribute draw:extrusion-specularity, contained within the element <draw:enhanced-geometry>*

PowerPoint 2013 does not support this attribute for draw:custom-shape. PowerPoint always writes out 80%.

cccc. *The standard defines the attribute draw:extrusion-viewpoint, contained within the element <draw:enhanced-geometry>*

PowerPoint 2013 does not support this attribute for the <draw:custom-shape> element.

### **2.1.320 Section 9.5.3, Enhanced Geometry - Path Attributes**

a. *The standard defines the attribute draw:enhanced-path, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word rounds floats to integers.

b. *The standard defines the attribute draw:glue-point-leaving-directions, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

c. *The standard defines the attribute draw:glue-points, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word rounds floats to integers.

d. *The standard defines the attribute draw:glue-point-type, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

e. *The standard defines the attribute draw:path-stretchpoint-x, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The presence of this attribute is interpreted to mean that the application should maintain the aspect ratio of the shape's view box. The actual value of this attribute is ignored.

- f. *The standard defines the attribute `draw:path-stretchpoint-y`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The presence of this attribute is interpreted to mean that the application should maintain the aspect ratio of the shape's view box. The actual value of this attribute is ignored.

- g. *The standard defines the attribute `draw:text-areas`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Only one text area per drawing shape is supported.

- h. *The standard defines the attribute `draw:enhanced-path`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel rounds floats to integers.

- i. *The standard defines the attribute `draw:glue-point-leaving-directions`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute `draw:glue-points`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel rounds floats to integers.

- k. *The standard defines the attribute `draw:glue-point-type`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the attribute `draw:path-stretchpoint-x`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The presence of this attribute is interpreted to mean that the application should maintain the aspect ratio of the shape's view box. The actual value of this attribute is ignored.

- m. *The standard defines the attribute `draw:path-stretchpoint-y`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The presence of this attribute is interpreted to mean that the application should maintain the aspect ratio of the shape's view box. The actual value of this attribute is ignored.

- n. *The standard defines the attribute `draw:text-areas`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Only one text area per drawing shape is supported.

- o. *The standard defines the attribute `draw:enhanced-path`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint rounds floats to integers.

- p. *The standard defines the attribute `draw:glue-point-leaving-directions`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- q. *The standard defines the attribute `draw:glue-points`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint rounds floats to integers.

- r. *The standard defines the attribute `draw:glue-point-type`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- s. *The standard defines the attribute `draw:path-stretchpoint-x`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

The presence of this attribute is interpreted to mean that the application should maintain the aspect ratio of the shape's view box. The actual value of this attribute is ignored.

- t. *The standard defines the attribute `draw:path-stretchpoint-y`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

The presence of this attribute is interpreted to mean that the application should maintain the aspect ratio of the shape's view box. The actual value of this attribute is ignored.

- u. *The standard defines the attribute `draw:text-areas`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Only one text area per drawing shape is supported.

### **2.1.321 Section 9.5.4, Enhanced Geometry - Text Path Attributes**

- a. *The standard defines the attribute `draw:modifiers`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:text-path`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `draw:text-path-mode`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word always sets the value of `draw:text-path-mode` to "shape".

- d. *The standard defines the attribute `draw:text-path-same-letter-heights`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `draw:text-path-scale`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word only uses shape text path scaling.

- f. *The standard defines the attribute `draw:modifiers`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `draw:text-path`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `draw:text-path-mode`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `draw:text-path-same-letter-heights`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `draw:text-path-scale`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `draw:modifiers`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the attribute `draw:text-path`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute `draw:text-path-mode`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute `draw:text-path-same-letter-heights`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *The standard defines the attribute `draw:text-path-scale`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.322 Section 9.5.5, Enhanced Geometry – Equation**

- a. *The standard defines the element `<draw:equation>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `draw:formula`, contained within the element `<draw:equation>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support the identifiers 'logwidth' and 'logheight'.

- c. *The standard defines the attribute `draw:name`, contained within the element `<draw:equation>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the element `<draw:equation>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute `draw:formula`, contained within the element `<draw:equation>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel does not support the identifiers 'logwidth' and 'logheight'.

- f. *The standard defines the attribute `draw:name`, contained within the element `<draw:equation>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the element `<draw:equation>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- h. *The standard defines the attribute `draw:formula`, contained within the element `<draw:equation>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not support the identifiers "logwidth" and "logheight".

- i. *The standard defines the attribute `draw:name`, contained within the element `<draw:equation>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.323 Section 9.5.6, Enhanced Geometry - Handle Attributes**

- a. *The standard defines the element <draw:handle>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute draw:handle-mirror-horizontal, contained within the element <draw:handle>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute draw:handle-mirror-vertical, contained within the element <draw:handle>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute draw:handle-polar, contained within the element <draw:handle>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute draw:handle-position, contained within the element <draw:handle>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support the identifiers 'logwidth' and 'logheight'.

- f. *The standard defines the attribute draw:handle-radius-range-maximum, contained within the element <draw:handle>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute draw:handle-radius-range-minimum, contained within the element <draw:handle>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the attribute draw:handle-range-x-maximum, contained within the element <draw:handle>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- i. *The standard defines the attribute draw:handle-range-x-minimum, contained within the element <draw:handle>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- j. *The standard defines the attribute draw:handle-range-y-maximum, contained within the element <draw:handle>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- k. *The standard defines the attribute `draw:handle-range-y-minimum`, contained within the element `<draw:handle>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- l. *The standard defines the attribute `draw:handle-switched`, contained within the element `<draw:handle>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the element `<draw:handle>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the attribute `draw:handle-mirror-horizontal`, contained within the element `<draw:handle>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute `draw:handle-mirror-vertical`, contained within the element `<draw:handle>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the attribute `draw:handle-polar`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the attribute `draw:handle-position`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel does not support the identifiers 'logwidth' and 'logheight'.

- r. *The standard defines the attribute `draw:handle-radius-range-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the attribute `draw:handle-radius-range-minimum`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- t. *The standard defines the attribute `draw:handle-range-x-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- u. *The standard defines the attribute `draw:handle-range-x-minimum`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- v. *The standard defines the attribute `draw:handle-range-y-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- w. *The standard defines the attribute `draw:handle-range-y-minimum`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- x. *The standard defines the attribute `draw:handle-switched`, contained within the element `<draw:handle>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the element `<draw:handle>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- z. *The standard defines the attribute `draw:handle-mirror-horizontal`, contained within the element `<draw:handle>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- aa. *The standard defines the attribute `draw:handle-mirror-vertical`, contained within the element `<draw:handle>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the attribute `draw:handle-polar`, contained within the element `<draw:handle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- cc. *The standard defines the attribute `draw:handle-position`, contained within the element `<draw:handle>`*



This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not support the identifiers "logwidth" and "logheight".

- dd. *The standard defines the attribute `draw:handle-radius-range-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ee. *The standard defines the attribute `draw:handle-radius-range-minimum`, contained within the element `<draw:handle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ff. *The standard defines the attribute `draw:handle-range-x-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- gg. *The standard defines the attribute `draw:handle-range-x-minimum`, contained within the element `<draw:handle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- hh. *The standard defines the attribute `draw:handle-range-y-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- ii. *The standard defines the attribute `draw:handle-range-y-minimum`, contained within the element `<draw:handle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

If the formula that specifies this value contains a reference to the current value of the handle (either directly or by referencing another formula), a circular reference is created, and the range is lost. This may allow the user to move the adjustment handle outside of the specified range.

- jj. *The standard defines the attribute `draw:handle-switched`, contained within the element `<draw:handle>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.324 Section 9.6, Presentation Shapes**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

In PowerPoint, changing layouts will adapt the presentation shapes (also known as placeholders within PowerPoint). However, PowerPoint does not load the presentation-page-layout, as defined in section 14.15, therefore there is no way to change this property for a given slide inside of PowerPoint.

### **2.1.325 Section 9.6.1, Common Presentation Shape Attributes**

- a. *The standard defines the attribute `presentation:class`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

If an object placeholder exists on a slide, but PowerPoint finds no matching placeholder for that type of object in the layout, PowerPoint writes the placeholder out as a general object placeholder.

- b. *The standard defines the attribute `presentation:placeholder`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint uses this attribute to describe placeholders that are empty. It is ignored on load.

- c. *The standard defines the attribute `presentation:style-name`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the attribute `presentation:user-transform`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.326 Section 9.7, Presentation Animations**

- a. *The standard defines the element `<presentation:animations>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.327 Section 9.7.1, Sound**

- a. *The standard defines the element `<presentation:sound>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.328 Section 9.7.2, Show Shape**

- a. *The standard defines the element `<presentation:show-shape>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.329 Section 9.7.3, Show Text**

- a. *The standard defines the element <presentation:show-text>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.330 Section 9.7.4, Hide Shape**

- a. *The standard defines the element <presentation:hide-shape>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.331 Section 9.7.5, Hide Text**

- a. *The standard defines the element <presentation:hide-text>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.332 Section 9.7.6, Dim**

- a. *The standard defines the element <presentation:dim>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.333 Section 9.7.7, Play**

- a. *The standard defines the element <presentation:play>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.334 Section 9.7.8, Effect groups**

- a. *The standard defines the element <presentation:animation-group>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.335 Section 9.8, SMIL Presentation Animations**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.336 Section 9.8.1, Recommended Usage Of SMIL**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- b. *The standard defines the element <anim:par>, contained within the parent element <draw:page>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.337 Section 9.8.2, Document Dependent SMIL Animation Attribute Values**

- a. *The standard defines the property "custom", contained within the attribute anim:command*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *The standard defines the property "play", contained within the attribute anim:command*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the property "stop", contained within the attribute anim:command*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the property "stop-audio", contained within the attribute anim:command*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the property "toggle-pause", contained within the attribute anim:command*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- f. *The standard defines the property "verb", contained within the attribute anim:command*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- g. *The standard defines the attribute anim:formula*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- h. *The standard defines the property "background", contained within the attribute anim:sub-item*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- i. *The standard defines the property "text", contained within the attribute anim:sub-item*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *The standard defines the property "whole", contained within the attribute anim:sub-item*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *The standard defines the property "charColor", contained within the attribute smil:attributeName*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint disregards color animations for animations that use the AnimColor element.

- l. *The standard defines the property "charFontName", contained within the attribute smil:attributeName*
- This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- m. *The standard defines the property "charHeight", contained within the attribute smil:attributeName*
- This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- n. *The standard defines the property "charPosture", contained within the attribute smil:attributeName*
- This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- o. *The standard defines the property "charUnderline", contained within the attribute smil:attributeName*
- This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- p. *The standard defines the property "charWeight", contained within the attribute smil:attributeName*
- This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- q. *The standard defines the property "color", contained within the attribute smil:attributeName*
- This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- r. *The standard defines the property "fillColor", contained within the attribute smil:attributeName*
- This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- PowerPoint disregards color animations for animations that use the AnimColor element.
- s. *The standard defines the property "fillStyle", contained within the attribute smil:attributeName*
- This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- t. *The standard defines the property "height", contained within the attribute smil:attributeName*
- This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- u. *The standard defines the property "lineColor", contained within the attribute smil:attributeName*
- This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- PowerPoint disregards color animations for animations that use the AnimColor element.
- v. *The standard defines the property "lineStyle", contained within the attribute smil:attributeName*
- This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- w. *The standard defines the property "opacity", contained within the attribute smil:attributeName*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- x. *The standard defines the property "rotate", contained within the attribute smil:attributeName*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- y. *The standard defines the property "skewX", contained within the attribute smil:attributeName*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the property "visibility", contained within the attribute smil:attributeName*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- aa. *The standard defines the property "width", contained within the attribute smil:attributeName*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- bb. *The standard defines the property "x", contained within the attribute smil:attributeName*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- cc. *The standard defines the property "y", contained within the attribute smil:attributeName*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- dd. *The standard defines the attribute smil:targetElement*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ee. *The standard defines the attribute anim:iterate-type, contained within the element <anim:iterate>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ff. *The standard defines the attribute smil:targetElement, contained within the element <anim:iterate>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.338 Section 9.8.3, SMIL Presentation Animation Attributes**

- a. *The standard defines the attribute presentation:group-id*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute presentation:master-element*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

c. *The standard defines the attribute presentation:node-type*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

d. *The standard defines the attribute presentation:preset-class*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

e. *The standard defines the attribute presentation:preset-id*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

f. *The standard defines the attribute presentation:preset-sub-type*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.339 Section 9.9, Presentation Events**

a. *The standard defines the element <presentation:event-listener>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Shapes and text that link to actions use the <presentation:event-listener> element. Grouped shapes cannot have links to actions.

Actions that are set to happen when the mouse rests on an item, such as a button or link, use the <presentation:event-listener> element. Grouped shapes cannot have actions associated with the mouse resting on an item.

Text links to URLs use the <text:a> hyperlink tag.

b. *The standard defines the attribute presentation:action, contained within the element <presentation:event-listener>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

c. *The standard defines the property "execute", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

d. *The standard defines the property "fade-out", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

e. *The standard defines the property "first-page", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- f. *The standard defines the property "hide", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- g. *The standard defines the property "last-page", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- h. *The standard defines the property "next-page", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- i. *The standard defines the property "none", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- j. *The standard defines the property "previous-page", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- k. *The standard defines the property "show", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not support links to slides in other presentations.

- l. *The standard defines the property "sound", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the property "stop", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- n. *The standard defines the property "verb", contained within the attribute presentation:action, contained within the element <presentation:event-listener>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

If this property is used but no presentation:verb attribute is present, PowerPoint replaces the slide with a blank slide.



- o. *The standard defines the attribute `presentation:direction`, contained within the element `<presentation:event-listener>`*  
 This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- p. *The standard defines the attribute `presentation:effect`, contained within the element `<presentation:event-listener>`*  
 This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- q. *The standard defines the attribute `presentation:speed`, contained within the element `<presentation:event-listener>`*  
 This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- r. *The standard defines the attribute `presentation:start-scale`, contained within the element `<presentation:event-listener>`*  
 This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- s. *The standard defines the attribute `presentation:verb`, contained within the element `<presentation:event-listener>`*  
 This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- t. *The standard defines the attribute `script:event-name`, contained within the element `<presentation:event-listener>`*  
 This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.  
 PowerPoint only supports the `dom:click` and `dom:mouseover` events.
- u. *The standard defines the property `"dom:click"`, contained within the attribute `script:event-name`, contained within the element `<presentation:event-listener>`*  
 This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- v. *The standard defines the property `"dom:mouseover"`, contained within the attribute `script:event-name`, contained within the element `<presentation:event-listener>`*  
 This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.  
 PowerPoint only supports this property on shapes. It is not supported on text.
- w. *The standard defines the attribute `xlink:href`, contained within the element `<presentation:event-listener>`*  
 This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- x. *The standard defines the element `<presentation:sound>`, contained within the parent element `<presentation:event-listener>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.340 Section 9.10, Presentation Text Fields**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.341 Section 9.10.1, Header Field**

- a. *The standard defines the element <presentation:header>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not save this element, but does read it in on master-pages to determine the location of the header field.

#### **2.1.342 Section 9.10.2, Footer Field**

- a. *The standard defines the element <presentation:footer>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not save this element, but does read it in on master-pages to determine the location of the footer field.

#### **2.1.343 Section 9.10.3, Date and Time Field**

- a. *The standard defines the element <presentation:date-time>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not save this element, but does read it in on master-pages to determine the location of the date-time field.

#### **2.1.344 Section 9.11, Presentation Document Content**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.345 Section 9.11.1, Presentation Declarations**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.346 Section 9.11.2, Header field declaration**

- a. *The standard defines the element <presentation:header-decl>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint loads headers declared using this attribute, but saves them as textboxes with regular text.

- b. *The standard defines the attribute presentation:name, contained within the element <presentation:header-decl>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.347 Section 9.11.3, Footer field declaration**

- a. *The standard defines the element <presentation:footer-decl>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint loads footers declared using this attribute, but saves them as textboxes with regular text.

- b. *The standard defines the attribute presentation:name, contained within the element <presentation:footer-decl>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.348 Section 9.11.4, Date and Time field declaration**

- a. *The standard defines the attribute presentation:source*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute style:date-style-name*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the element <presentation:date-time-decl>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint loads dates/times declared using this attribute, but saves them as textboxes with regular text.

- d. *The standard defines the attribute presentation:name, contained within the element <presentation:date-time-decl>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.349 Section 9.11.5, Presentation Settings**

- a. *The standard defines the element <presentation:settings>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute presentation:animations, contained within the element <presentation:settings>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the attribute `presentation:endless`, contained within the element `<presentation:settings>`*
- This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- d. *The standard defines the attribute `presentation:force-manual`, contained within the element `<presentation:settings>`*
- This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- e. *The standard defines the attribute `presentation:full-screen`, contained within the element `<presentation:settings>`*
- This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- When this attribute value is False and the `transition-on-click` value is True, the presentation displays in a window. When this attribute value is True, the presentation shows in full slideshow or kiosk mode.
- f. *The standard defines the attribute `presentation:mouse-as-pen`, contained within the element `<presentation:settings>`*
- This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- g. *The standard defines the attribute `presentation:mouse-visible`, contained within the element `<presentation:settings>`*
- This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- h. *The standard defines the attribute `presentation:pause`, contained within the element `<presentation:settings>`*
- This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- i. *The standard defines the attribute `presentation:show-end-of-presentation-slide`, contained within the element `<presentation:settings>`*
- This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- j. *The standard defines the attribute `presentation:show-logo`, contained within the element `<presentation:settings>`*
- This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- k. *The standard defines the attribute `presentation:start-page`, contained within the element `<presentation:settings>`*
- This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- l. *The standard defines the attribute `presentation:start-with-navigator`, contained within the element `<presentation:settings>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute `presentation:stay-on-top`, contained within the element `<presentation:settings>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute `presentation:transition-on-click`, contained within the element `<presentation:settings>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

A value of True for this attribute and a value of True for `presentation:full-screen` shows the slideshow in regular full screen mode. A value of True for this attribute and a value of False for `presentation:full-screen` shows the slideshow in browsing (windowed) mode. A value of False for this attribute and a value of True for `presentation:full-screen` shows the slideshow in kiosk mode. A value of False for this attribute and a value of False for `presentation:full-screen` shows the slide show in regular full-screen slideshow mode.

### **2.1.350 Section 9.11.6, Show Definitions**

- a. *The standard defines the attribute `presentation:show`, contained within the element `<presentation:settings>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the element `<presentation:show>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.351 Section 10, Chart Content**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.352 Section 10.1, Introduction to Chart Documents**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.353 Section 10.2, Chart**

- a. *The standard defines the element `<chart:chart>`, contained within the parent element `<chart-chart>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `chart-chart-attlist`, contained within the element `<chart:chart>`, contained within the parent element `<chart-chart>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.354 Section 10.3, Title, Subtitle and Footer**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.355 Section 10.3.1, Title**

- a. *The standard defines the element <chart:title>, contained within the parent element <chart-title>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- b. *The standard defines the attribute chart-title-attlist, contained within the element <chart:title>, contained within the parent element <chart-title>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.356 Section 10.3.2, Subtitle**

- a. *The standard defines the element <chart:subtitle>, contained within the parent element <chart:chart>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.357 Section 10.3.3, Footer**

- a. *The standard defines the element <chart:footer>, contained within the parent element <chart:chart>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.358 Section 10.4, Legend**

- a. *The standard defines the element <chart:legend>, contained within the parent element <chart:chart>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute chart-legend-attlist, contained within the element <chart:legend>, contained within the parent element <chart:chart>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.359 Section 10.5, Plot Area**

- a. *The standard defines the element <chart:plot-area>, contained within the parent element <chart-plot-area>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute chart-plot-area-attlist, contained within the element <chart:plot-area>, contained within the parent element <chart-plot-area>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.360 Section 10.6, Wall**

- a. *The standard defines the element <chart:wall>, contained within the parent element <chart-wall>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute chart-wall-attlist, contained within the element <chart:wall>, contained within the parent element <chart-wall>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.361 Section 10.7, Floor**

- a. *The standard defines the element <chart:floor>, contained within the parent element <chart-floor>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute chart-floor-attlist, contained within the element <chart:floor>, contained within the parent element <chart-floor>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.362 Section 10.8, Axis**

- a. *The standard defines the element <chart:axis>, contained within the parent element <chart-axis>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute chart-axis-attlist, contained within the element <chart:axis>, contained within the parent element <chart-axis>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.363 Section 10.8.1, Grid**

- a. *The standard defines the element <chart:grid>, contained within the parent element <chart-grid>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute chart-grid-attlist, contained within the element <chart:grid>, contained within the parent element <chart-grid>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.364 Section 10.9, Series**

- a. *The standard defines the element <chart:series>, contained within the parent element <chart-series>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute chart-series-attlist, contained within the element <chart:series>, contained within the parent element <chart-series>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.365 Section 10.9.1, Domain**

- a. *The standard defines the element <chart:domain>, contained within the parent element <chart-domain>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute table:cell-range-address, contained within the element <chart:domain>, contained within the parent element <chart-domain>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.366 Section 10.10, Categories**

- a. *The standard defines the element <chart:categories>, contained within the parent element <chart-categories>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute table:cell-range-address, contained within the element <chart:categories>, contained within the parent element <chart-categories>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.367 Section 10.11, Data Point**

- a. *The standard defines the element <chart:data-point>, contained within the parent element <chart-data-point>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute chart-data-point-attlist, contained within the element <chart:data-point>, contained within the parent element <chart-data-point>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.368 Section 10.12, Mean Value**

- a. *The standard defines the element <chart:mean-value>, contained within the parent element <chart-mean-value>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.369 Section 10.13, Error Indicator**

- a. *The standard defines the element <chart:error-indicator>, contained within the parent element <chart-error-indicator>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel only supports this element when the series type is line, area, scatter, bar, stock, or bubble; and the chart is not three dimensional.

- b. *The standard defines the attribute chart-error-indicator-attlist, contained within the element <chart:error-indicator>, contained within the parent element <chart-error-indicator>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.370 Section 10.14, Regression Curves**

- a. *The standard defines the element <chart:regression-curve>, contained within the parent element <chart-regression-curve>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel only supports this element when the series type is line, area, scatter, bar, stock, or bubble; and the chart is not three dimensional.



- b. *The standard defines the attribute `chart-regression-curve-attlist`, contained within the element `<chart:regression-curve>`, contained within the parent element `<chart-regression-curve>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.371 Section 10.14.1, Stock Chart Markers**

- a. *The standard defines the element `<chart:stock-gain-marker>`, contained within the parent element `<chart-stock-gain-marker>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel only supports this element when the series type is line or stock and the chart is not three dimensional.

- b. *The standard defines the attribute `common-stock-marker-attlist`, contained within the element `<chart:stock-gain-marker>`, contained within the parent element `<chart-stock-gain-marker>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the element `<chart:stock-loss-marker>`, contained within the parent element `<chart-stock-loss-marker>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel only supports this element when the series type is line or stock and the chart is not three dimensional.

- d. *The standard defines the attribute `common-stock-marker-attlist`, contained within the element `<chart:stock-loss-marker>`, contained within the parent element `<chart-stock-loss-marker>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the element `<chart:stock-range-line>`, contained within the parent element `<chart-stock-range-line>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel only supports this element when the series type is line or stock and the chart is not three dimensional.

- f. *The standard defines the attribute `common-stock-marker-attlist`, contained within the element `<chart:stock-range-line>`, contained within the parent element `<chart-stock-range-line>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.372 Section 11, Form Content**

- a. *The standard defines the element `<office:forms>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<office:forms>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element `<office:forms>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.373 Section 11.1, Form**

- a. *The standard defines the element <form:form>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:form>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.374 Section 11.1.1, Action**

- a. *The standard defines the attribute xlink:actuate, contained within the element <form:form>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute xlink:href, contained within the element <form:form>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute xlink:type, contained within the element <form:form>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute xlink:href, contained within the element <form:form>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.375 Section 11.1.2, Target Frame**

- a. *The standard defines the attribute office:target-frame, contained within the element <form:form>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute office:target-frame, contained within the element <form:form>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.376 Section 11.1.3, Method**

- a. *The standard defines the attribute form:method, contained within the element <form:form>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:method, contained within the element <form:form>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.377 Section 11.1.4, Encoding Type**

- a. *The standard defines the attribute form:enctype, contained within the element <form:form>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:enctype, contained within the element <form:form>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.378 Section 11.1.5, Allow Deletes**

- a. *The standard defines the attribute `form:allow-deletes`, contained within the element `<form:form>`  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.*
- b. *The standard defines the attribute `form:allow-deletes`, contained within the element `<form:form>`  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.*

### **2.1.379 Section 11.1.6, Allow Inserts**

- a. *The standard defines the attribute `form:allow-inserts`, contained within the element `<form:form>`  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.*
- b. *The standard defines the attribute `form:allow-inserts`, contained within the element `<form:form>`  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.*

### **2.1.380 Section 11.1.7, Allow Updates**

- a. *The standard defines the attribute `form:allow-updates`, contained within the element `<form:form>`  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.*
- b. *The standard defines the attribute `form:allow-updates`, contained within the element `<form:form>`  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.*

### **2.1.381 Section 11.1.8, Apply Filter**

- a. *The standard defines the attribute `form:apply-filter`, contained within the element `<form:form>`  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.*
- b. *The standard defines the attribute `form:apply-filter`, contained within the element `<form:form>`  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.*

### **2.1.382 Section 11.1.9, Command Type**

- a. *The standard defines the attribute `form:command-type`, contained within the element `<form:form>`  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.*
- b. *The standard defines the attribute `form:command-type`, contained within the element `<form:form>`  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.*

### **2.1.383 Section 11.1.10, Command**

- a. *The standard defines the attribute `form:command`, contained within the element `<form:form>`  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.*
- b. *The standard defines the attribute `form:command`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.384 Section 11.1.11, Data Source**

- a. *The standard defines the attribute `form:datasource`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:datasource`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.385 Section 11.1.12, Master Fields**

- a. *The standard defines the attribute `form:master-fields`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:master-fields`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.386 Section 11.1.13, Detail Fields**

- a. *The standard defines the attribute `form:detail-fields`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:detail-fields`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.387 Section 11.1.14, Escape Processing**

- a. *The standard defines the attribute `form:escape-processing`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:command-type`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.388 Section 11.1.15, Filter**

- a. *The standard defines the attribute `form:filter`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:filter`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.389 Section 11.1.16, Ignore Result**

- a. *The standard defines the attribute `form:ignore-result`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:ignore-result`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.390 Section 11.1.17, Navigation Mode**

- a. *The standard defines the attribute `form:navigation-mode`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:navigation-mode`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.391 Section 11.1.18, Order**

- a. *The standard defines the attribute `form:order`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:order`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.392 Section 11.1.19, Tabbing Cycle**

- a. *The standard defines the attribute `form:tab-cycle`, contained within the element `<form:form>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:tab-cycle`, contained within the element `<form:form>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.393 Section 11.1.20, Connection Resource**

- a. *The standard defines the element `<form:connection-resource>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<form:connection-resource>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.394 Section 11.2, XForms Model**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.395 Section 11.2.1, XForms Model**

- a. *The standard defines the element `<xforms:model>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <xforms:model>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.396 Section 11.3, Controls**

- a. *The standard defines the element <form:properties>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.*

### **2.1.397 Section 11.3.1, Text**

- a. *The standard defines the element <form:text>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:text>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.398 Section 11.3.2, Text Area**

- a. *The standard defines the element <form:textarea>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:textarea>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.399 Section 11.3.3, Password**

- a. *The standard defines the element <form:password>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:password>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.400 Section 11.3.4, File**

- a. *The standard defines the element <form:file>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:file>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.401 Section 11.3.5, Formatted Text**

- a. *The standard defines the element <form:formatted-text>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:formatted-text>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.402 Section 11.3.6, Number**

- a. *The standard defines the element <form:number>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:number>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.403 Section 11.3.7, Date And Time**

- a. *The standard defines the element <form:date>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:date>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <form:time>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.404 Section 11.3.8, Fixed Text**

- a. *The standard defines the element <form:fixed-text>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:fixed-text>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.405 Section 11.3.9, Combo Box**

- a. *The standard defines the element <form:combobox>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:item>, contained within the parent element <form:combobox>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <form:combobox>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.406 Section 11.3.10, List Box**

- a. *The standard defines the element <form:listbox>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:option>, contained within the parent element <form:listbox>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <form:listbox>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.407 Section 11.3.11, Button**

- a. *The standard defines the element <form:button>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:button>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.408 Section 11.3.12, Image**

- a. *The standard defines the element <form:image>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:image>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.409 Section 11.3.13, Check Box**

- a. *The standard defines the element <form:checkbox>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:checkbox>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.410 Section 11.3.14, Radio Button**

- a. *The standard defines the element <form:radio>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:radio>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.411 Section 11.3.15, Frame**

- a. *The standard defines the element <form:frame>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:frame>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.



#### **2.1.412 Section 11.3.16, Image Frame**

- a. *The standard defines the element <form:image-frame>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:image-frame>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.413 Section 11.3.17, Hidden**

- a. *The standard defines the element <form:hidden>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:hidden>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.414 Section 11.3.18, Grid**

- a. *The standard defines the element <form:column>, contained within the parent element <form:grid>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:grid>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <form:grid>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.415 Section 11.3.19, Value Range**

- a. *The standard defines the element <form:value-range>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:value-range>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.416 Section 11.3.20, Generic Control**

- a. *The standard defines the element <form:generic-control>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:generic-control>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.417 Section 11.4, Common Form and Control Attributes**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.418 Section 11.4.1, Name**

- a. *The standard defines the attribute form:name*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:name*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.419 Section 11.4.2, Control Implementation**

- a. *The standard defines the attribute form:control-implementation*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:control-implementation*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.420 Section 11.4.3, Bind to XForms**

- a. *The standard defines the attribute xforms:bind*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute xforms:bind*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.421 Section 11.5, Common Control Attributes**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.422 Section 11.5.1, Button Type**

- a. *The standard defines the attribute form:button-type*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:button-type*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.423 Section 11.5.2, Control ID**

- a. *The standard defines the attribute form:id*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:id*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.424 Section 11.5.3, Current Selected**

- a. *The standard defines the attribute form:current-selected*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:current-selected*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.425 Section 11.5.4, Value and Current Value**

- a. *The standard defines the attribute form:current-value*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:value*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute form:current-value*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute form:value*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.426 Section 11.5.5, Disabled**

- a. *The standard defines the attribute form:disabled*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:disabled*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.427 Section 11.5.6, Dropdown**

- a. *The standard defines the attribute form:dropdown*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:dropdown*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.428 Section 11.5.7, For**

- a. *The standard defines the attribute form:for*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:for*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.429 Section 11.5.8, Image Data**

- a. *The standard defines the attribute form:image-data*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:image-data*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.430 Section 11.5.9, Label**

- a. *The standard defines the attribute form:label*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:label*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.431 Section 11.5.10, Maximum Length**

- a. *The standard defines the attribute form:max-length*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:max-length*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.432 Section 11.5.11, Printable**

- a. *The standard defines the attribute form:printable*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:printable*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.433 Section 11.5.12, Read only**

- a. *The standard defines the attribute form:read-only*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:readonly*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.434 Section 11.5.13, Selected**

- a. *The standard defines the attribute form:selected*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:selected*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.435 Section 11.5.14, Size**

- a. *The standard defines the attribute form:size*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:size*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.436 Section 11.5.15, Tab Index**

- a. *The standard defines the attribute form:tab-index*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:tab-index*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.437 Section 11.5.16, Tab Stop**

- a. *The standard defines the attribute form:tab-stop*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:tab-stop*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.438 Section 11.5.17, Target Frame**

- a. *The standard defines the attribute office:target-frame*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:target-frame*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.439 Section 11.5.18, Target Location**

- a. *The standard defines the attribute xlink:href*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute xlink:href*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.440 Section 11.5.19, Title**

- a. *The standard defines the attribute form:title*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:title*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.441 Section 11.5.20, Visual Effect**

- a. *The standard defines the attribute form:visual-effect*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:visual-effect*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.442 Section 11.5.21, Relative Image Position**

- a. *The standard defines the attribute form:image-align*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:image-position*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute form:image-align*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute form:image-position*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.443 Section 11.5.22, Database Binding Attributes**

- a. *The standard defines the attribute form:bound-column*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:convert-empty-to-null*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute form:data-field*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute form:list-source*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute form:list-source-type*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute form:bound-column*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute form:convert-empty-to-null*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute form:data-field*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute form:list-source*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute form:list-source-type*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.444 Section 11.6, Event Listeners**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.445 Section 11.7, Properties**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.446 Section 11.7.1, Property Set**

- a. *The standard defines the element <form:properties>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:properties>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.447 Section 11.7.2, Property**

- a. *The standard defines the element <form:property>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:property-name, contained within the element <form:property>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute office:value-type, contained within the element <form:property>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <form:property>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.448 Section 11.7.3, List Property**

- a. *The standard defines the attribute form:list-value*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <form:list-property>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <form:list-property>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.449 Section 12, Common Content**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.  
b. OfficeArt Math in Excel 2013 supports this on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

#### **2.1.450 Section 12.1, Annotation**

- a. *The standard defines the element <office:annotation>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute draw:caption-point-x, contained within the element <office:annotation>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute draw:caption-point-y, contained within the element <office:annotation>*



This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `draw:corner-radius`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `draw:id`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `draw:layer`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute `draw:name`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute `draw:style-name`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute `draw:transform`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute `draw:z-index`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- k. *The standard defines the attribute `office:display`, contained within the element `<office:annotation>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- l. *The standard defines the attribute `svg:height`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute `svg:width`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- n. *The standard defines the attribute `svg:x`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- o. *The standard defines the attribute `svg:y`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- p. *The standard defines the attribute `table:end-cell-address`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- q. *The standard defines the attribute `table:end-x`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- r. *The standard defines the attribute `table:end-y`, contained within the element `<office:annotation>`*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- s. *The standard defines the attribute `text:anchor-page-number`, contained within the element `<office:annotation>`*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- t. *The standard defines the attribute `text:anchor-type`, contained within the element `<office:annotation>`*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- u. *The standard defines the attribute `draw:caption-point-x`, contained within the element `<office:annotation>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- v. *The standard defines the attribute `draw:caption-point-y`, contained within the element `<office:annotation>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- w. *The standard defines the attribute `draw:corner-radius`, contained within the element `<office:annotation>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- x. *The standard defines the attribute `draw:id`, contained within the element `<office:annotation>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- y. *The standard defines the attribute `draw:layer`, contained within the element `<office:annotation>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- z. *The standard defines the attribute `draw:name`, contained within the element `<office:annotation>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- aa. *The standard defines the attribute `draw:style-name`, contained within the element `<office:annotation>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel does not read in this attribute. On save, different BG colors and BG images on comments are not written to ODF.
- bb. *The standard defines the attribute `draw:text-style-name`, contained within the element `<office:annotation>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.  
On load, Excel does not read this attribute. On save, Excel does not write different text alignment to ODF.
- cc. *The standard defines the attribute `draw:transform`, contained within the element `<office:annotation>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- dd. *The standard defines the attribute `draw:z-index`, contained within the element `<office:annotation>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- ee. *The standard defines the attribute `office:display`, contained within the element `<office:annotation>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- ff. *The standard defines the attribute `svg:height`, contained within the element `<office:annotation>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- gg. *The standard defines the attribute `svg:width`, contained within the element `<office:annotation>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- hh. *The standard defines the attribute `svg:x`, contained within the element `<office:annotation>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- ii. *The standard defines the attribute `svg:y`, contained within the element `<office:annotation>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- jj. *The standard defines the attribute `table:end-cell-address`, contained within the element `<office:annotation>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- kk. *The standard defines the attribute `table:end-x`, contained within the element `<office:annotation>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- ll. *The standard defines the attribute `table:end-y`, contained within the element `<office:annotation>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- mm. *The standard defines the attribute `text:anchor-page-number`, contained within the element `<office:annotation>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- nn. *The standard defines the attribute `text:anchor-type`, contained within the element `<office:annotation>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- oo. *The standard defines the attribute `text:p`, contained within the element `<office:annotation>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- pp. *The standard defines the element `<<office:annotation>>`*
- This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.451 Section 12.1.1, Creator**

- a. *The standard defines the element `<dc:creator>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.452 Section 12.1.2, Creation Date and Time**

- a. *The standard defines the element <dc:date>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.453 Section 12.1.3, Creation Date and Time String**

- a. *The standard defines the element <meta:date-string>, contained within the parent element <office:annotation>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <meta:date-string>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.454 Section 12.2, Number Format**

- a. *The standard defines the element <text:list-level-style-number>, contained within the parent element <text:list-style>*
- b. *The standard defines the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in Excel 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes. (1) On save, Excel uses the following mappings between the "buAutoNum" string values and the style:num-prefix, style:num-suffix, style:num-format, and style:num-letter-sync attributes in ODF:

(1.1) The string value "buAutoNum" equals the value "arabicPlain" is written as style:num-format equals the value "1".

(1.2) The string value "buAutoNum" values "circleNumWdBlackPlain" and "circleNumWdWhitePlain" are written as style:num-format equals the value "1" and style:num-letter-sync equals the value "true".

(1.3) The string value "buAutoNum" equals the value "arabicParenR" is written as style:num-format equals the value "1" and style:num-suffix equals the value ")".

(1.4) The string value "buAutoNum" equals the value "arabicPeriod" is written as style:num-format equals the value "1" and style:num-suffix equals the value ".".

- (1.5) The string value "buAutoNum" equals the value "arabicParenBoth" is written as style:num-format equals the value "1", style:num-prefix equals the value "(", and style:num-suffix equals the value ")".
- (1.6) The string value "buAutoNum" equals the value "hindiNumParenR" is written as style:num-format equals the value "१ , २ , ३ , ...", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- (1.7) The string value "buAutoNum" equals the value "hindiNumPeriod" is written as style:num-format equals the value "१ , २ , ३ , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- (1.8) The string value "buAutoNum" equals the value "arabicDbPlain" is written as style:num-format equals the value " 1 , 2 , 3 , ..." and style:num-letter-sync equals the value "true".
- (1.9) The string value "buAutoNum" equals the value "circleNumDbPlain" is written as style:num-format equals the value "① , ② , ③ , ..." and style:num-letter-sync equals the value "true".
- (1.10) The string value "buAutoNum" equals the value "arabicDbPeriod" is written as style:num-format equals the value " 1. , 2. , 3. , ..." and style:num-letter-sync equals the value "true".
- (1.11) The string value "buAutoNum" equals the value "thaiNumParenR" is written as style:num-format equals the value "๑ , ๒ , ๓ , ...", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- (1.12) The string value "buAutoNum" equals the value "thaiNumPeriod" is written as style:num-format equals the value "๑ , ๒ , ๓ , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- (1.13) The string value "buAutoNum" equals the value "thaiNumParenBoth" is written as style:num-format equals the value "๑ , ๒ , ๓ , ...", style:num-prefix equals the value "(", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- (1.14) The string value "buAutoNum" equals the value "alphaLcParenR" is written as style:num-format equals the value "a", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- (1.15) The string value "buAutoNum" equals the value "alphaUcParenR" is written as style:num-format equals the value "A", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- (1.16) The string value "buAutoNum" equals the value "alphaLcPeriod" is written as style:num-format equals the value "a", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- (1.17) The string value "buAutoNum" equals the value "alphaUcPeriod" is written as style:num-format equals the value "A", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- (1.18) The string value "buAutoNum" equals the value "alphaLcParenBoth" is written as style:num-format equals the value "a", style:num-prefix equals the value "(", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- (1.19) The string value "buAutoNum" equals the value "alphaUcParenBoth" is written as style:num-format equals the value "A", style:num-prefix equals the value "(", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- (1.20) The string value "buAutoNum" equals the value "romanLcParenR" is written as style:num-format equals the value "i" and style:num-suffix equals the value ")".

(1.21) The string value "buAutoNum" equals the value "romanUcParenR" is written as style:num-format equals the value "I" and style:num-suffix equals the value ")".

(1.22) The string value "buAutoNum" equals the value "romanLcPeriod" is written as style:num-format equals the value "i" and style:num-suffix equals the value ".".

(1.23) The string value "buAutoNum" equals the value "romanUcPeriod" is written as style:num-format equals the value "I" and style:num-suffix equals the value ".".

(1.24) The string value "buAutoNum" equals the value "romanLcParenBoth" is written as style:num-format equals the value "i", style:num-prefix equals the value "(", and style:num-suffix equals the value ")".

(1.25) The string value "buAutoNum" equals the value "romanUcParenBoth" is written as style:num-format equals the value "I", style:num-prefix equals the value "(", and style:num-suffix equals the value ")".

(1.26) The string value "buAutoNum" equals the value "hebrew2Minus" is written as style:num-format equals the value "א , ב , ג , ...", style:num-suffix equals the value "-", and style:num-letter-sync equals the value "true".

(1.27) The string value "buAutoNum" equals the value "arabic1Minus" is written as style:num-format equals the value "أ , ب , ت , ...", style:num-suffix equals the value "-", and style:num-letter-sync equals the value "true".

(1.28) The string value "buAutoNum" equals the value "arabic2Minus" is written as style:num-format equals the value "أ , ب , ج , ...", style:num-suffix equals the value "-", and style:num-letter-sync equals the value "true".

(1.29) The string value "buAutoNum" equals the value "hindiAlphaPeriod" is written as style:num-format equals the value "अ , आ , इ , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".

(1.30) The string value "buAutoNum" equals the value "hindiAlpha1Period" is written as style:num-format equals the value "क , ख , ग , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".

(1.31) The string value "buAutoNum" equals the value "thaiAlphaParenR" is written as style:num-format equals the value "ก , ข , ค , ...", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".

(1.32) The string value "buAutoNum" equals the value "thaiAlphaPeriod" is written as style:num-format equals the value "ก , ข , ค , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".

(1.33) The string value "buAutoNum" equals the value "thaiAlphaParenBoth" is written as style:num-format equals the value "ก , ข , ค , ...", style:num-prefix equals the value "(", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".

(1.34) The string value "buAutoNum" equals the value "ea1ChsPlain", "ea1ChtPlain", and "ea1JpnKorPlain" are written as style:num-format equals the value "一 , 二 , 三 , 四..." and style:num-letter-sync equals the value "true".

(1.35) The string value "buAutoNum" equals the value "ea1ChsPeriod", "ea1ChtPeriod", and "ea1JpnKorPeriod" are written as style:num-format equals the value "一 , 二 , 三 , 四...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".

(1.36) The string value "buAutoNum" equals the value "ea1JpnChsDbPeriod" is written as style:num-format equals the value "一 , 二 , 三 , 四 , ...", style:num-suffix equals the value ". " (double-byte period UNICODE FF0E), and style:num-letter-sync equals the value "true".

1. On read, the style:num-format, style:num-prefix, and style:num-suffix attributes are considered together to determine the "buAutoNum" value to use in OOXML. The style:num-format attribute is the key attribute and determines the default mapping if the prefix and suffix characters are not supported. The mapping is as follows:

(2.1) For style:num-format equals the value "1":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "arabicParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "arabicParenR".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ".", then "buAutoNum" equals the value "arabicPeriod".

In all other cases where style:num-format equals the value "1", then "buAutoNum" equals the value "arabicPlain".

(2.2) For style:num-format equals the value "a":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "alphaLcParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "alphaLcParenR".

In all other cases where style:num-format equals the value "a", then "buAutoNum" equals the value "alphaLcPeriod".

(2.3) For style:num-format equals the value "A":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "alphaUcParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "alphaUcParenR".

In all other cases where style:num-format equals the value "A", then "buAutoNum" equals the value "alphaUcPeriod".

(2.4) For style:num-format equals the value "i":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "romanLcParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "romanLcParenR".

In all other cases where style:num-format equals the value "i", then "buAutoNum" equals the value "romanLcPeriod".

(2.5) For style:num-format equals the value "I":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "romanUcParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "romanUcParenR".

In all other cases where style:num-format equals the value "I", then "buAutoNum" equals the value "romanUcPeriod".

(2.6) In all cases where style:num-format equals the value "أ , ب , ت , ..." or style:num-format equals the value "ا ", then "buAutoNum" equals the value "arabic1Minus".

(2.7) In all cases where style:num-format equals the value "أ , ب , ج , ..." or style:num-format equals the value "ا ", then "buAutoNum" equals the value "arabic2Minus".

(2.8) In all cases where style:num-format equals the value "1.,2.,3,..." or style:num-format equals the value "1.", then "buAutoNum" equals the value "arabicDbPeriod".

(2.9) In all cases where style:num-format equals the value " 1 , 2 , 3 , ..." or style:num-format equals the value " 1 ", then "buAutoNum" equals the value "arabicDbPlain".

(2.10) In all cases where style:num-format equals the value "①,②,③,..." or style:num-format equals the value "①", then "buAutoNum" equals the value "circleNumDbPlain".

(2.11) For style:num-format equals the value "—, 二, 三, 四, ..." or "style:num-format equals the value "—":

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ".", then "buAutoNum" equals the value "ea1JpnKorPeriod".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ". ." (double-byte period UNICODE FF0E), then "buAutoNum" equals the value "ea1JpnChsDbPeriod".

In all other cases where style:num-format equals the value "—, 二, 三, 四, ..." or "style:num-format equals the value "—", then "buAutoNum" equals the value "ea1JpnKorPlain".

(2.12) In all cases where style:num-format equals the value "א , ב , ג , ..." or style:num-format equals the value "א ", then "buAutoNum" equals the value "hebrew2Minus".

(2.13) In all cases where style:num-format equals the value "क , ख , ग , ..." or "क", "buAutoNum" equals the value "hindiAlpha1Period".

(2.14) In all cases where style:num-format equals the value "अ , आ , इ , ..." or "अ", "buAutoNum" equals the value "hindiAlphaPeriod".

(2.15) For style:num-format equals the value "१ , २ , ३ , ..." or style:num-format equals the value "१ ":

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "hindiNumParenR".

In all other cases where style:num-format equals the value "१ , २ , ३ , ..." or style:num-format equals the value "१ ", then "buAutoNum" equals the value "hindiNumPeriod".

(2.16) For style:num-format equals the value "๓ , ๔ , ๕ , ..." :

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "thaiAlphaParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ".", then "buAutoNum" equals the value "thaiAlphaPeriod".

In all other cases where style:num-format equals the value "๓ , ๔ , ๕ , ..." , then "buAutoNum" equals the value "thaiAlphaParenR".

(2.17) For style:num-format equals the value "๑ , ๒ , ๓ , ..." :



If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "thaiNumParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ".", then "buAutoNum" equals the value "thaiNumPeriod".

In all other cases where style:num-format equals the value "๑ , ๒ , ๓ , ...", then "buAutoNum" equals the value "thaiNumParenR".

(2.18) If style:num-format equals the value "empty", the OOXML property "buNone" is set.

(2.19) If style:num-format contains anything other than what is specified previously, "buAutoNum" equals the value "arabicPlain".

- c. *The standard defines the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>
2. On read, the style:num-format, style:num-prefix, and style:num-suffix attributes are considered together to determine the "buAutoNum" value to use in OOXML. style:num-format is the key attribute and determines the default mapping if the prefix and suffix characters are not supported. The mapping is as follows:

1.1) For style:num-format equals the value "1":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "arabicParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "arabicParenR".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ".", then "buAutoNum" equals the value "arabicPeriod".

In all other cases where style:num-format equals the value "1", then "buAutoNum" equals the value "arabicPlain".

1.2) For style:num-format equals the value "a":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "alphaLcParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "alphaLcParenR".

In all other cases where style:num-format equals the value "a", then "buAutoNum" equals the value "alphaLcPeriod".

1.3) For style:num-format equals the value "A":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "alphaUcParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "alphaUcParenR".

In all other cases where style:num-format equals the value "A", then "buAutoNum" equals the value "alphaUcPeriod".

1.4) For style:num-format equals the value "i":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "romanLcParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "romanLcParenR".

In all other cases where style:num-format equals the value "i", then "buAutoNum" equals the value "romanLcPeriod".

1.5) For style:num-format equals the value "I":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "romanUcParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "romanUcParenR".

In all other cases where style:num-format equals the value "I", then "buAutoNum" equals the value "romanUcPeriod".

1.6) In all cases where style:num-format equals the value "أ , ب , ت ,..." or style:num-format equals the value "ا ", then "buAutoNum" equals the value "arabic1Minus".

1.7) In all cases where style:num-format equals the value "أ , ب , ج ,..." , then "buAutoNum" equals the value "arabic2Minus".

1.8) In all cases where style:num-format equals the value "1,2,3,..." or style:num-format equals the value "1.", then "buAutoNum" equals the value "arabicDbPeriod".

1.9) In all cases where style:num-format equals the value " 1 , 2 , 3 ,..." or style:num-format equals the value " 1 ", then "buAutoNum" equals the value "arabicDbPlain".

1.10) In all cases where style:num-format equals the value "①,②,③,..." or style:num-format equals the value "①", then "buAutoNum" equals the value "circleNumDbPlain".

1.11) For style:num-format equals the value "一, 二, 三, 四,..." or "style:num-format equals the value "一":

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ".", then "buAutoNum" equals the value "ea1JpnKorPeriod".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ". " (double-byte period UNICODE FF0E), then "buAutoNum" equals the value "ea1JpnChsDbPeriod".

In all other cases where style:num-format equals the value "一, 二, 三, 四, ..." or "style:num-format equals the value "—", then "buAutoNum" equals the value "ea1JpnKorPlain".

1.12) In all cases where style:num-format equals the value "א, ב, ג, ..." or style:num-format equals the value "א ", then "buAutoNum" equals the value "hebrew2Minus".

1.13) In all cases where style:num-format equals the value "क, ख, ग, ..." or "क", "buAutoNum" equals the value "hindiAlpha1Period".

1.14) In all cases where style:num-format equals the value "अ, आ, इ, ..." or "अ", "buAutoNum" equals the value "hindiAlphaPeriod".

1.15) For style:num-format equals the value "१, २, ३, ..." or style:num-format equals the value "१ ":

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "hindiNumParenR".

In all other cases where style:num-format equals the value "१, २, ३, ..." or style:num-format equals the value "१ ", then "buAutoNum" equals the value "hindiNumPeriod".

1.16) For style:num-format equals the value "๑, ๒, ๓ ":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "thaiAlphaParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ".", then "buAutoNum" equals the value "thaiAlphaPeriod".

In all other cases where style:num-format equals the value "๑, ๒, ๓, ..." , then "buAutoNum" equals the value "thaiAlphaParenR".

1.17) For style:num-format equals the value "๑, ๒, ๓, ...":

If style:num-prefix equals the value "(" AND style:num-suffix equals the value ")", then "buAutoNum" equals the value "thaiNumParenBoth".

If style:num-prefix equals the value empty or missing AND style:num-suffix equals the value ".", then "buAutoNum" equals the value "thaiNumPeriod".

In all other cases where style:num-format equals the value "๑, ๒, ๓, ..." , then "buAutoNum" equals the value "thaiNumParenR".

1.18) If style:num-format equals the value empty, the OOXML property "buNone" is set.

1.19) If style:num-format contains anything other than what is specified previously, "buAutoNum" equals the value "arabicPlain".

On write, the following mappings are used between the "buAutoNum" string values used in OOXML and the style:num-prefix, style:num-suffix, style:num-format, and style:num-letter-sync attributes in ODF:

2.1) "buAutoNum" equals the value "arabicPlain" is written as style:num-format equals the value "1".

2.2) "buAutoNum" values "circleNumWdBlackPlain" and "circleNumWdWhitePlain" are written as style:num-format equals the value "1" and style:num-letter-sync equals the value "true".

2.3) "buAutoNum" equals the value "arabicParenR" is written as style:num-format equals the value "1" and style:num-suffix equals the value ")".

- 2.4) "buAutoNum" equals the value "arabicPeriod" is written as style:num-format equals the value "1" and style:num-suffix equals the value ".".
- 2.5) "buAutoNum" equals the value "arabicParenBoth" is written as style:num-format equals the value "1" and style:num-prefix equals the value "(", style:num-suffix equals the value ")".
- 2.6) "buAutoNum" equals the value "hindiNumParenR" is written as style:num-format equals the value "१ , २ , ३ , ...", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.7) "buAutoNum" equals the value "hindiNumPeriod" is written as style:num-format equals the value "१ , २ , ३ , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- 2.8) "buAutoNum" equals the value "arabicDbPlain" is written as style:num-format equals the value "1 , 2 , 3 , ..." and style:num-letter-sync equals the value "true".
- 2.9) "buAutoNum" equals the value "circleNumDbPlain" is written as style:num-format equals the value "① ② ③ ..." and style:num-letter-sync equals the value "true".
- 2.10) "buAutoNum" equals the value "arabicDbPeriod" is written as style:num-format equals the value "1., 2., 3., ..." and style:num-letter-sync equals the value "true".
- 2.11) "buAutoNum" equals the value "thaiNumParenR" is written as style:num-format equals the value "๑ , ๒ , ๓ , ...", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.12) "buAutoNum" equals the value "thaiNumPeriod" is written as style:num-format equals the value "๑ , ๒ , ๓ , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- 2.13) "buAutoNum" equals the value "thaiNumParenBoth" is written as style:num-format equals the value "๑ , ๒ , ๓ , ...", style:num-prefix equals the value "(", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.14) "buAutoNum" equals the value "alphaLcParenR" is written as style:num-format equals the value "a", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.15) "buAutoNum" equals the value "alphaUcParenR" is written as style:num-format equals the value "A", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.16) "buAutoNum" equals the value "alphaLcPeriod" is written as style:num-format equals the value "a", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- 2.17) "buAutoNum" equals the value "alphaUcPeriod" is written as style:num-format equals the value "A", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- 2.18) "buAutoNum" equals the value "alphaLcParenBoth" is written as style:num-format equals the value "a", style:num-prefix equals the value "(", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.19) "buAutoNum" equals the value "alphaUcParenBoth" is written as style:num-format equals the value "A", style:num-prefix equals the value "(", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.20) "buAutoNum" equals the value "romanLcParenR" is written as style:num-format equals the value "i" and style:num-suffix equals the value ")".

- 2.21) "buAutoNum" equals the value "romanUcParenR" is written as style:num-format equals the value "I" and style:num-suffix equals the value ")".
- 2.22) "buAutoNum" equals the value "romanLcPeriod" is written as style:num-format equals the value "i" and style:num-suffix equals the value ".".
- 2.23) "buAutoNum" equals the value "romanUcPeriod" is written as style:num-format equals the value "I" and style:num-suffix equals the value ".".
- 2.24) "buAutoNum" equals the value "romanLcParenBoth" is written as style:num-format equals the value "i", style:num-prefix equals the value "(", and style:num-suffix equals the value ")".
- 2.25) "buAutoNum" equals the value "romanUcParenBoth" is written as style:num-format equals the value "I", style:num-prefix equals the value "(", and style:num-suffix equals the value ")".
- 2.26) "buAutoNum" equals the value "hebrew2Minus" is written as style:num-format equals the value "א , ב , ג , ...", style:num-suffix equals the value "-", and style:num-letter-sync equals the value "true".
- 2.27) "buAutoNum" equals the value "arabic1Minus" is written as style:num-format equals the value "أ , ب , ت , ...", style:num-suffix equals the value "-", and style:num-letter-sync equals the value "true".
- 2.28) "buAutoNum" equals the value "arabic2Minus" is written as style:num-format equals the value "أ , ب , ج , ...", style:num-suffix equals the value "-", and style:num-letter-sync equals the value "true".
- 2.29) "buAutoNum" equals the value "hindiAlphaPeriod" is written as style:num-format equals the value "अ , आ , इ , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- 2.30) "buAutoNum" equals the value "hindiAlpha1Period" is written as style:num-format equals the value "क , ख , ग , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- 2.31) "buAutoNum" equals the value "thaiAlphaParenR" is written as style:num-format equals the value "ก , ข , ค , ...", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.32) "buAutoNum" equals the value "thaiAlphaPeriod" is written as style:num-format equals the value "ก , ข , ค , ...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- 2.33) "buAutoNum" equals the value "thaiAlphaParenBoth" is written as style:num-format equals the value "ก , ข , ค , ...", style:num-prefix equals the value "(", style:num-suffix equals the value ")", and style:num-letter-sync equals the value "true".
- 2.34) "buAutoNum" equals the values "ea1ChsPlain", "ea1ChtPlain", and "ea1JpnKorPlain" are written as style:num-format equals the value "一 , 二 , 三 , 四..." and style:num-letter-sync equals the value "true".
- 2.35) "buAutoNum" equals the values "ea1ChsPeriod", "ea1ChtPeriod", and "ea1JpnKorPeriod" are written as style:num-format equals the value "一 , 二 , 三 , 四...", style:num-suffix equals the value ".", and style:num-letter-sync equals the value "true".
- 2.36) "buAutoNum" equals the value "ea1JpnChsDbPeriod" is written as style:num-format equals the value "一 , 二 , 三 , 四 , ...", style:num-suffix equals the value ". " (double-byte period UNICODE FF0E), and style:num-letter-sync equals the value "true".

## 2.1.455 Section 12.2.1, Prefix and Suffix

- a. *The standard defines the attribute style:num-prefix*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:num-suffix*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute style:num-prefix, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes.

43. On load, the value of the style:num-prefix attribute is considered in combination with the values of the style:num-format and style:num-suffix attributes to determine the "buAutoNum" value used.

The only prefix character that is converted is "(".

44. On save, the following "buAutoNum" values are written as style-num-prefix equals the value "(":

- "alphaLcParenBoth"
- "alphaUcParenBoth"
- "arabicParenBoth"
- "romanLcParenBoth"
- "romanUcParenBoth"
- "thaiAlphaParenBoth"
- "thaiNumParenBoth"

For all other values, style-num-prefix is not written.

- e. *The standard defines the attribute style:num-suffix, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes.

45. On load, the value of the style:num-suffix attribute is considered in combination with the values of the style:num-format and style:num-prefix attributes to determine the "buAutoNum" value used.

46. On save, the following "buAutoNum" values are written as style:num-suffix equals the value ")":

- "alphaLcParenBoth"
- "alphaLcParenR"
- "alphaUcParenBoth"
- "alphaUcParenR"
- "arabicParenBoth"
- "arabicParenR"
- "hindiNumParenR"
- "romanLcParenBoth"
- "romanLcParenR"
- "romanUcParenBoth"
- "romanUcParenR"
- "thaiAlphaParenBoth"
- "thaiAlphaParenR"
- "thaiNumParenBoth"
- "thaiNumParenR"

47. On save, the following "buAutoNum" values from OOXML are written as style:num-suffix equals the value ".":

- "alphaLcPeriod"
- "alphaUcPeriod"
- "arabicPeriod"
- "ea1ChsPeriod"
- "ea1ChtPeriod"
- "ea1ChtPlain"
- "ea1JpnKorPeriod"
- "hindiAlpha1Period"
- "hindiAlphaPeriod"
- "thaiNumPeriod"
- "hindiNumPeriod"
- "romanLcPeriod"
- "romanUcPeriod"
- "thaiAlphaPeriod"

48. On save, the following "buAutoNum" values from OOXML are written as style:num-suffix equals the value "-":

- "arabic1Minus"
- "arabic2Minus"
- "hebrew2Minus"

49. On save, "buAutoNum" equals the value "ea1JpnChsDbPeriod" is written as style:num-suffix equals the value ". " (double byte UNICODE character FF0E).

f. *The standard defines the attribute style:num-prefix, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On load, the value of the style:num-prefix attribute is considered in combination with values of the style:num-format and style:num-suffix attributes to determine the "buAutoNum" value used. The only prefix character that may be converted is "(".

On save, the following "buAutoNum" values from OOXML are written as style-num-prefix equals the value "(":

- "alphaLcParenBoth"
- "alphaUcParenBoth"
- "arabicParenBoth"
- "romanLcParenBoth"
- "romanUcParenBoth"
- "thaiAlphaParenBoth"
- "thaiNumParenBoth"

For all other values, style-num-prefix is not written.

- g. *The standard defines the attribute style:num-suffix, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

50. On write, the following "buAutoNum" values from OOXML are written as style:num-suffix equals the value ")":

- "alphaLcParenBoth"
- "alphaLcParenR"
- "alphaUcParenBoth"
- "alphaUcParenR"
- "arabicParenBoth"
- "arabicParenR"
- "hindiNumParenR"



- "romanLcParenBoth"
- "romanLcParenR"
- "romanUcParenBoth"
- "romanUcParenR"
- "thaiAlphaParenBoth"
- "thaiAlphaParenR"
- "thaiNumParenBoth"
- "thaiNumParenR".

51. On write, the following "buAutoNum" values from OOXML are written as style:num-suffix equals the value ".":

- "alphaLcPeriod"
- "alphaUcPeriod"
- "arabicPeriod"
- "ea1ChsPeriod"
- "ea1ChtPeriod"
- "ea1ChtPlain"
- "ea1JpnKorPeriod"
- "hindiAlpha1Period"
- "hindiAlphaPeriod"
- "thaiNumPeriod"
- "hindiNumPeriod"
- "romanLcPeriod"
- "romanUcPeriod"
- "thaiAlphaPeriod"

52. On write, the following "buAutoNum" values from OOXML are written as style:num-suffix equals the value "-":

- "arabic1Minus"
- "arabic2Minus"
- "hebrew2Minus"

53. On write, value "buAutoNum" equals "ea1JpnChsDbPeriod" is written as style:num-suffix equals the value ". " (double byte UNICODE character FF0E).

54. On read, the value of style:num-suffix is considered in combination with the values of the style:num-format and style:num-prefix attributes to determine the "buAutoNum" value used.

### 2.1.456 Section 12.2.2, Format Specification

a. *The standard defines the property "[string]", contained within the attribute style:num-format*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

55. On load, numbering formats that are not familiar to Word are displayed using the Arabic numeral format (1, 2, 3...).

56. On save and load, the following strings are also supported by Word as numbering formats:

ア, イ, ウ, ...

ア, イ, ウ, ...

أ, ب, ج, ...

أ, ب, ت, ...

One, Two, Three, ...

\*, †, ‡, ...

一, 十, 一〇〇(简), ...  
一, 十, 一百 (简), ...  
壹, 貳, 叁, ...  
ㄱ, ㄴ, ㄷ, ...  
①, ②, ③, ...  
①, ②, ③, ...  
1, 2, 3, ...  
(1), (2), (3), ...  
1, 2, 3, ...  
01, 02, 03, ...  
가, 나, 다, ...  
κ, ' , ̄ , ...  
κ, ɔ, λ , ...  
1, A, B, ...  
अ, आ, इ , ...  
□□, □□, □□□, ...  
१, २, ३ , ...  
क, ख, ग , ...  
一, 一〇, 一〇〇, ...  
(一), (二), (三), ...  
壹, 貳, 參, ...  
甲, 乙, 丙, ...  
子, 丑, 寅, ...  
甲子, 乙丑, 丙寅, ...  
イ, 口, 八 , ...  
イ, 口, 八, ...  
一, 二, 三 ...  
一, 二, 三, 万, ...  
壹, 貳, 參, ...  
일, 이, 삼, ...  
일, 일영, 일영영, ...  
一, 一零, 一零零, ...

하나, 둘, 셋, ...

- 1 -, 2 -, 3 -, ...

1st, 2nd, 3rd, ...

First, Second, Third, ...

a, б, в, ...

A,Б,В, ...

一, 十, 一〇〇(繁), ...

一, 十, 一百 (繁), ...

一, 一〇, 一〇〇(繁), ...

□□□□, ஸ ஐ ங , ஸ ா ஡ , ...

π , ϖ , ϱ , ...

๑ ,๒ ,๓ , ...

A, Ç, Ğ, ...

a, ç, ğ, ...

A,Й,Ъ, ...

a,й,ъ, ...

A, B, Γ, ...

α, β, γ, ...

001,002, 003, ...

0001,0002, 0003, ...

00001,00002, 00003, ...

- b. *The standard defines the property "1", contained within the attribute style:num-format*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. *The standard defines the property "A", contained within the attribute style:num-format*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- d. *The standard defines the property "a", contained within the attribute style:num-format*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- e. *The standard defines the property "i", contained within the attribute style:num-format*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- f. *The standard defines the property "I", contained within the attribute style:num-format*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute style:num-format, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*
- h. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- i. *The standard defines the attribute style:num-format, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes.

57. On load, the value of the style:num-format attribute is considered in combination with the values of the style:num-prefix and style:num-suffix attributes to determine the "buAutoNum" value used.

58. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "a":

- "alphaLcParenBoth"
- "alphaLcParenR"
- "alphaLcPeriod"

59. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "A":

- "alphaUcParenBoth"
- "AlphaUcParenR"
- "AlphaUcPeriod"

60. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "1":

- "arabicParenBoth"
- "arabicParenR"
- "arabicPeriod"
- "arabicPlain"
- "circleNumWdBlackPlain"
- "circleNumWdWhitePlain"

61. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "一, 二, 三, 四, ...":

- "ea1ChsPeriod"
- "ea1ChsPlain"
- "ea1ChtPeriod"
- "ea1ChtPlain"
- "ea1JpnChsDbPeriod"
- "ea1JpnKorPeriod"

- "ea1JpnKorPlain"
62. On save, "buAutoNum" equals the value "arabic1Minus" is written as style:num-format equals the value "ا , ب , ت , ...".
  63. On save, "buAutoNum" equals the value "arabic2Minus" is written as style:num-format equals the value "ا , ب , ج , ...".
  64. On save, "buAutoNum" equals the value "arabicDbPeriod" is written as style:num-format equals the value "1., 2., 3., ...".
  65. On save, "buAutoNum" equals the value "arabicDbPlain" is written as style:num-format equals the value "1 , 2 , 3 , ...".
  66. On save, "buAutoNum" equals the value "circleNumDbPlain" is written as style:num-format equals the value "①, ②, ③, ...".
  67. On save, "buAutoNum" equals the value "hebrew2Minus" is written as style:num-format equals the value "א , ב , ג , ...".
  68. On save, "buAutoNum" equals the value "hindiAlpha1Period" is written as style:num-format equals the value "क, ख, ग, ...".
  69. On save, "buAutoNum" equals the value "hindiAlphaPeriod" is written as style:num-format equals the value "अ, आ, इ, ...".
  70. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "१ , २ , ३ , ...":
    - "hindiNumParenR"
    - "hindiNumPeriod"
  71. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "i":
    - "romanLcParenBoth"
    - "romanLcParenR"
    - "RomanLcPeriod"
  72. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "I":
    - "romanUcParenBoth"
    - "romanUcParenR"
    - "RomanUcPeriod"
  73. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "ᨀ , ᨁ , ᨂ , ...":
    - "thaiAlphaParenBoth"
    - "thaiAlphaParenR"
    - "thaiAlphaPeriod"
  74. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "๑ , ๒ , ๓ , ...":
    - "thaiNumParenBoth"
    - "thaiNumParenR"
    - "thaiNumPeriod"
- j. *The standard defines the attribute style:num-format, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*
- OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:
- <draw:rect>
  - <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

75. On read, the value of the style:num-format attribute is considered in combination with the values of the style:num-prefix and style:num-suffix attributes to determine the "buAutoNum" value used.

76. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "a":

- "alphaLcParenBoth"
- "alphaLcParenR"
- "alphaLcPeriod"

77. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "A":

- "alphaUcParenBoth"
- "AlphaUcParenR"
- "AlphaUcPeriod"

78. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "1":

- "arabicParenBoth"
- "arabicParenR"
- "arabicPeriod"
- "arabicPlain"
- "circleNumWdBlackPlain"
- "circleNumWdWhitePlain"

79. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "一, 二, 三, 四, ...":

- "ea1ChsPeriod"
- "ea1ChsPlain"
- "ea1ChtPeriod"
- "ea1ChtPlain"
- "ea1JpnChsDbPeriod"
- "ea1JpnKorPeriod"
- "ea1JpnKorPlain"

80. On write, "buAutoNum" equals the value "arabic1Minus" is written as style:num-format equals the value "١ , ٢ , ٣ , ...".

81. On write, "buAutoNum" equals the value "arabic2Minus" is written as style:num-format equals the value "١ , ٢ , ٣ , ...".

82. On write, "buAutoNum" equals the value "arabicDbPeriod" is written as style:num-format equals the value "١, ٢, ٣, ...".

83. On write, "buAutoNum" equals the value "arabicDbPlain" is written as style:num-format equals the value "١, ٢, ٣, ...".

84. On write, "buAutoNum" equals the value "circleNumDbPlain" is written as style:num-format equals the value "①, ②, ③, ...".

85. On write, "buAutoNum" equals the value "hebrew2Minus" is written as style:num-format equals the value "א , ב , ג , ...".
86. On write, "buAutoNum" equals the value "hindiAlpha1Period" is written as style:num-format equals the value "क , ख , ग , ...".
87. On write, "buAutoNum" equals the value "hindiAlphaPeriod" is written as style:num-format equals the value "अ , आ , इ , ...".
88. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "१ , २ , ३ , ...":
- "hindiNumParenR"
  - "hindiNumPeriod"
89. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "i":
- "romanLcParenBoth"
  - "romanLcParenR"
  - "RomanLcPeriod"
90. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "I":
- "romanUcParenBoth"
  - "romanUcParenR"
  - "RomanUcPeriod"
91. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "๑ , ๒ , ๓ , ...":
- "thaiAlphaParenBoth"
  - "thaiAlphaParenR"
  - "thaiAlphaPeriod"
92. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "๑ , ๒ , ๓ , ...":
- "thaiNumParenBoth"
  - "thaiNumParenR",
  - "thaiNumPeriod"

### **2.1.457 Section 12.2.3, Letter Synchronization in Number Formats**

- a. *The standard defines the attribute style:num-letter-sync*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the property "false", contained within the attribute style:num-letter-sync, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in Excel 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes.

- d. *The standard defines the property "true", contained within the attribute style:num-letter-sync, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in Excel 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes. 1) On load, this value is ignored.

93. On save, this value is written for the following "buAutoNum" values:

- "alphaLcParenBoth"
- "alphaLcParenR"
- "alphaLcPeriod"
- "alphaUcParenBoth"
- "alphaUcParenR"
- "alphaUcPeriod"
- "arabic1Minus"
- "arabic2Minus"
- "arabicDbPeriod"
- "arabicDbPlain"
- "circleNumDbPlain"
- "circleNumWdBlackPlain"
- "circleNumWdWhitePlain"
- "ea1ChsPeriod"
- "ea1ChsPlain"
- "ea1ChtPeriod"
- "ea1ChtPlain"
- "ea1JpnChsDbPeriod"
- "ea1JpnKorPeriod"
- "ea1JpnKorPlain"
- "hebrew2Minus"
- "hindiAlpha1Period"
- "hindiAlphaPeriod"
- "hindiNumParenR"
- "hindiNumPeriod"
- "thaiAlphaParenBoth"



- "thaiAlphaParenR"
  - "thaiAlphaPeriod"
  - "thaiNumParenBoth"
  - "thaiNumParenR"
  - "thaiNumPeriod"
- e. *The standard defines the property "false", contained within the attribute style:num-letter-sync, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- f. *The standard defines the property "true", contained within the attribute style:num-letter-sync, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

94. On read, this property is ignored.

95. On write, this property is written for the following "buAutoNum" values:

- "alphaLcParenBoth"
- "alphaLcParenR"
- "alphaLcPeriod"
- "alphaUcParenBoth"
- "alphaUcParenR"
- "alphaUcPeriod"
- "arabic1Minus"
- "arabic2Minus"
- "arabicDbPeriod"
- "arabicDbPlain"
- "circleNumDbPlain"

- "circleNumWdBlackPlain"
- "circleNumWdWhitePlain"
- "ea1ChsPeriod"
- "ea1ChsPlain"
- "ea1ChtPeriod"
- "ea1ChtPlain"
- "ea1JpnChsDbPeriod"
- "ea1JpnKorPeriod"
- "ea1JpnKorPlain"
- "hebrew2Minus"
- "hindiAlpha1Period"
- "hindiAlphaPeriod"
- "hindiNumParenR"
- "hindiNumPeriod"
- "thaiAlphaParenBoth"
- "thaiAlphaParenR"
- "thaiAlphaPeriod"
- "thaiNumParenBoth"
- "thaiNumParenR"
- "thaiNumPeriod"

### **2.1.458 Section 12.3, Change Tracking Metadata**

- a. *The standard defines the element <office:change-info>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <office:change-info>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.459 Section 12.4, Event Listener Tables**

- a. *The standard defines the element <office:event-listeners>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <office:event-listeners>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the element <presentation:event-listener>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- e. *The standard defines the element <script:event-listener>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.460 Section 12.4.1, Event Listener**

- a. *The standard defines the element <office:event-listener>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute script:event-name, contained within the element <presentation:event-listener>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Only the dom:click and dom:mouseover events are loaded/saved by PowerPoint (See section 9.9). Other events are not supported.

### **2.1.461 Section 12.4.2, Event Types**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute script:language, contained within the element <presentation:event-listener>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the attribute script:macro-name, contained within the element <presentation:event-listener>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.462 Section 12.5, Mathematical Content**

- a. *The standard defines the attribute display, contained within the element <math>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word does not read the display attribute in a <math> element.

On save, Word writes the display attribute in a <math> element.

- b. *The standard defines the element <math:math>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

5. On load, alignment of text around formula objects may be lost.
6. On load, the MathML namespace qualifier must be present for math elements, and may be present for attributes.
7. On save, only bold and italics text properties are supported.
8. On save, Word equations that contain images are lost, and their images are also lost.
9. On save, if a Word equation contains OLE objects, the Word equation and the OLE objects it contains are lost.
10. On save, Word writes the MathML namespace qualifier for elements but does not write the namespace qualifier for attributes.

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads only presentation MathML elements within the  $<math>$  element. Word does not read any of the attributes of the math element.

On save, Word writes only presentation MathML elements within the  $<math>$  element.

- c. *The standard defines the attribute display, contained within the element  $<math>$*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel does not read the display attribute in a  $<math>$  element.

On save, Excel writes the display attribute in a  $<math>$  element.

- d. *The standard defines the element  $<math:math>$*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads only presentation MathML elements within the  $<math>$  element. Excel does not read any of the attributes of the math element.

On save, Excel writes only presentation MathML elements within the  $<math>$  element.

- e. *The standard defines the attribute display, contained within the element  $<math>$*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint does not read the display attribute in a  $<math>$  element.

On save, PowerPoint writes the display attribute in a  $<math>$  element.

- f. *The standard defines the element  $<math:math>$*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads only presentation MathML elements within the  $<math>$  element. PowerPoint does not read any of the attributes of the math element.

On save, PowerPoint writes only presentation MathML elements within the  $<math>$  element.

### **2.1.463 Section 12.5 (MathML 2.0 Section 3.2), Token Elements**

a.

3. On load, Word recognizes MathML as a function if all the following are true:

(a) the parent wrapper is an  $<mrow>$  element

(b) there are three child elements

(c) the second child element is a  $<mo>$  element that contains the function apply character  $<U+2061>$

4. On save, Word uses the  $<mo>$  element for math characters that are considered operators, including the function apply character  $<U+2061>$ .
5. On save, Word uses the  $<mn>$  element only for numbers that are composed of the digits 0-9. Word also saves periods and commas that are used as delimiters in the  $<mn>$  element.
6. On save, Word separates math characters into individual  $<mi>$  elements unless they are function names in which case the entire function name is contained in a single  $<mi>$  element.

## 2.1.464 Section 12.5 (MathML 2.0 Section 3.2.3), Identifier (mi)

- a. *The standard defines the element <mi>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word recognizes MathML as a function if:

- (a) the parent wrapper is an <mrow> element
- (b) there are three child elements, and
- (c) the second child element is an <mo> element that contains the function apply character, <U+2061>.

On save, MathML in Word separates the text that was contained in <mi> element tags into single characters unless the identifier is a function name.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute color, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the color attribute in an <mi> element. On save, OfficeArt Math in Word does not write the color attribute in an <mi> element.

- d. *The standard defines the attribute fontfamily, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute fontsize, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute fontstyle, contained within the element <mi>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the fontstyle attribute in an <mi> element. On save, OfficeArt Math in Word does not write the fontstyle attribute in an <mi> element.

- g. *The standard defines the attribute fontweight, contained within the element <mi>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the fontweight attribute in an <mi> element. On save, OfficeArt Math in Word does not write the fontweight attribute in an <mi> element.

- h. *The standard defines the attribute id, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the attribute mathbackground, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the attribute mathcolor, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the mathcolor attribute in an <mi> element. On save, OfficeArt Math in Word does not write the mathcolor attribute in an <mi> element.

- k. *The standard defines the attribute mathsize, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- l. *The standard defines the attribute mathvariant, contained within the element <mi>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the mathvariant attribute in an <mi> element.

On save, OfficeArt Math in Word writes only the 'normal' value to distinguish upright characters from math italics. All math alphanumeric characters are written using Unicode code points.

- m. *The standard defines the property "(everything else)", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in MathML in Word 2010 and MathML in Word 2013.

This property is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the mathvariant attribute in an <mi> element.

On save, OfficeArt Math in Word does not write the mathvariant attribute in an <mi> element for the value of '(everything else)'.

- n. *The standard defines the property "monospace", contained within the attribute mathvariant, contained within the element <mi>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- o. *The standard defines the property "normal", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- p. *The standard defines the attribute style, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- q. *The standard defines the attribute xref, contained within the element <mi>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- r. *The standard defines the element <mi>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the attribute class, contained within the element <mi>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the attribute color, contained within the element <mi>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the color attribute in an <mi> element. On save, Excel does not write the color attribute in an <mi> element.

- u. *The standard defines the attribute fontfamily, contained within the element <mi>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the attribute fontsize, contained within the element <mi>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- w. *The standard defines the attribute fontstyle, contained within the element <mi>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the fontstyle attribute in an <mi> element. On save, Excel does not write the fontstyle attribute in an <mi> element.

- x. *The standard defines the attribute fontweight, contained within the element <mi>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the fontweight attribute in an <mi> element. On save, Excel does not write the fontweight attribute in an <mi> element.

- y. *The standard defines the attribute id, contained within the element <mi>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- z. *The standard defines the attribute mathbackground, contained within the element <mi>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- aa. *The standard defines the attribute mathcolor, contained within the element <mi>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathcolor attribute in an <mi> element. On save, Excel does not write the mathcolor attribute in an <mi> element.

- bb. *The standard defines the attribute mathsize, contained within the element <mi>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- cc. *The standard defines the attribute mathvariant, contained within the element <mi>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathvariant attribute in an <mi> element.

On save, Excel writes only the 'normal' value to distinguish upright characters from math italics. All math alphanumeric characters are written using Unicode code points.

- dd. *The standard defines the property "(everything else)", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathvariant attribute in an <mi> element.

On save, Excel does not write the mathvariant attribute in an <mi> element for the value of '(everything else)'.

- ee. *The standard defines the property "normal", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- ff. *The standard defines the attribute style, contained within the element <mi>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- gg. *The standard defines the attribute xref, contained within the element <mi>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- hh. *The standard defines the element <mi>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ii. *The standard defines the attribute class, contained within the element <mi>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.



jj. *The standard defines the attribute color, contained within the element <mi>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the color attribute in an <mi> element. On save, PowerPoint does not write the color attribute in an <mi> element.

kk. *The standard defines the attribute fontfamily, contained within the element <mi>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ll. *The standard defines the attribute fontsize, contained within the element <mi>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

mm. *The standard defines the attribute fontstyle, contained within the element <mi>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontstyle attribute in an <mi> element. On save, PowerPoint does not write the fontstyle attribute in an <mi> element.

nn. *The standard defines the attribute fontweight, contained within the element <mi>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontweight attribute in an <mi> element. On save, PowerPoint does not write the fontweight attribute in an <mi> element.

oo. *The standard defines the attribute id, contained within the element <mi>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

pp. *The standard defines the attribute mathbackground, contained within the element <mi>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

qq. *The standard defines the attribute mathcolor, contained within the element <mi>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathcolor attribute in an <mi> element. On save, PowerPoint does not write the mathcolor attribute in an <mi> element.

rr. *The standard defines the attribute mathsize, contained within the element <mi>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ss. *The standard defines the attribute mathvariant, contained within the element <mi>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathvariant attribute in an <mi> element.

On save, PowerPoint writes only the 'normal' value to distinguish upright characters from math italics. All math alphanumeric characters are written using Unicode code points.

- tt. *The standard defines the property "(everything else)", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathvariant attribute in an <mi> element.

On save, PowerPoint does not write the mathvariant attribute in an <mi> element for the value of '(everything else)'.

- uu. *The standard defines the property "normal", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- vv. *The standard defines the attribute style, contained within the element <mi>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ww. *The standard defines the attribute xref, contained within the element <mi>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.465 Section 12.5 (MathML 2.0 Section 3.2.4), Number (mn)**

- a. *The standard defines the element <mn>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

MathML in Word supports only numbers composed of the digits 0-9 for the <mn> element. On load, numbers containing other characters, such as roman numerals and hexadecimal numbers, may be interpreted differently than was intended.

On save, the <mn> element is used only for numbers that are composed of the digits 0-9. Periods and commas that are used as delimiters are also saved in the <mn> element.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element <mn>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute color, contained within the element <mn>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the color attribute in an  $<mn>$  element. On save, OfficeArt Math in Word does not write the color attribute in an  $<mn>$  element.

- d. *The standard defines the attribute fontfamily, contained within the element  $<mn>$*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute fontsize, contained within the element  $<mn>$*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute fontstyle, contained within the element  $<mn>$*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the fontstyle attribute in an  $<mn>$  element. On save, OfficeArt Math in Word does not write the fontstyle attribute in an  $<mn>$  element.

- g. *The standard defines the attribute fontweight, contained within the element  $<mn>$*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the fontweight attribute in an  $<mn>$  element. On save, OfficeArt Math in Word does not write the fontweight attribute in an  $<mn>$  element.

- h. *The standard defines the attribute id, contained within the element  $<mn>$*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute mathbackground, contained within the element  $<mn>$*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the attribute mathcolor, contained within the element  $<mn>$*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the mathcolor attribute in an  $<mn>$  element. On save, OfficeArt Math in Word does not write the mathcolor attribute in an  $<mn>$  element.

- k. *The standard defines the attribute mathsize, contained within the element  $<mn>$*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

*l. The standard defines the attribute `mathvariant`, contained within the element `<mn>`*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word reads the `mathvariant` attribute in an `<mn>` element.

On save, MathML in Word does not write the `mathvariant` attribute in an `<mn>` element.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the `mathvariant` attribute in an `<mn>` element.

On save, OfficeArt Math in Word does not write the `mathvariant` attribute in an `<mn>` element. All math alphanumeric characters are written using Unicode code points.

*m. The standard defines the property "(everything else)", contained within the attribute `mathvariant`, contained within the element `<mn>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

*n. The standard defines the property "monospace", contained within the attribute `mathvariant`, contained within the element `<mn>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

*o. The standard defines the attribute `style`, contained within the element `<mn>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

*p. The standard defines the attribute `xref`, contained within the element `<mn>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

*q. The standard defines the element `<mn>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

*r. The standard defines the attribute `class`, contained within the element `<mn>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

*s. The standard defines the attribute `color`, contained within the element `<mn>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the `color` attribute in an `<mn>` element. On save, Excel does not write the `color` attribute in an `<mn>` element.

*t. The standard defines the attribute `fontfamily`, contained within the element `<mn>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

*u. The standard defines the attribute `fontsize`, contained within the element `<mn>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the attribute fontstyle, contained within the element <mn>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the fontstyle attribute in an <mn> element. On save, Excel does not write the fontstyle attribute in an <mn> element.

- w. *The standard defines the attribute fontweight, contained within the element <mn>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the fontweight attribute in an <mn> element. On save, Excel does not write the fontweight attribute in an <mn> element.

- x. *The standard defines the attribute id, contained within the element <mn>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the attribute mathbackground, contained within the element <mn>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- z. *The standard defines the attribute mathcolor, contained within the element <mn>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathcolor attribute in an <mn> element. On save, Excel does not write the mathcolor attribute in an <mn> element.

- aa. *The standard defines the attribute mathsize, contained within the element <mn>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- bb. *The standard defines the attribute mathvariant, contained within the element <mn>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathvariant attribute in an <mn> element.

On save, Excel does not write the mathvariant attribute in an <mn> element. All math alphanumeric characters are written using Unicode code points.

- cc. *The standard defines the attribute style, contained within the element <mn>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- dd. *The standard defines the attribute xref, contained within the element <mn>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ee. *The standard defines the element <mn>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ff. *The standard defines the attribute class, contained within the element <mn>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- gg. *The standard defines the attribute color, contained within the element <mn>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the color attribute in an <mn> element. On save, PowerPoint does not write the color attribute in an <mn> element.

hh. *The standard defines the attribute fontfamily, contained within the element <mn>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ii. *The standard defines the attribute fontsize, contained within the element <mn>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

jj. *The standard defines the attribute fontstyle, contained within the element <mn>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontstyle attribute in an <mn> element. On save, PowerPoint does not write the fontstyle attribute in an <mn> element.

kk. *The standard defines the attribute fontweight, contained within the element <mn>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontweight attribute in an <mn> element. On save, PowerPoint does not write the fontweight attribute in an <mn> element.

ll. *The standard defines the attribute id, contained within the element <mn>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

mm. *The standard defines the attribute mathbackground, contained within the element <mn>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

nn. *The standard defines the attribute mathcolor, contained within the element <mn>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathcolor attribute in an <mn> element. On save, PowerPoint does not write the mathcolor attribute in an <mn> element.

oo. *The standard defines the attribute mathsize, contained within the element <mn>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

pp. *The standard defines the attribute mathvariant, contained within the element <mn>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathvariant attribute in an <mn> element.

On save, PowerPoint does not write the mathvariant attribute in an <mn> element. All math alphanumeric characters are written using Unicode code points.

qq. *The standard defines the attribute style, contained within the element <mn>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

rr. *The standard defines the attribute xref, contained within the element <mn>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.466 Section 12.5 (MathML 2.0 Section 3.2.5), Operator, Fence, Separator or Accent (mo)**

a. *The standard defines the element <mo>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On save, MathML in Word does not write out the mathvariant, fontweight, or fontstyle attributes for the <mo> element.

On load, MathML in Word recognizes MathML <mrow> elements as functions if the following are true:

- There are three child elements.
- The second child element is an <mo> element that contains one character - the function apply character, <U+2061>.

On load, Nary operators with no limits defined are interpreted as regular operators.

MathML in Word may inconsistently apply italic formatting to operators.

On load, operators are always assumed to have italics applied unless mathvariant, fontweight, or fontstyle attributes are present and state otherwise. (For example, <mo mathvariant="normal">+</mo>). The values of the mathvariant, fontweight or fontstyle attributes are reflected on the format buttons on the MathML in Word user interface, but may not impact whether the operator renders in italics or non-italics.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

b. *The standard defines the attribute accent, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the accent attribute in an <mo> element.

On save, OfficeArt Math in Word does not write the accent attribute in an <mo> element.

c. *The standard defines the attribute class, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute color, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the color attribute in an <mo> element. On save, OfficeArt Math in Word does not write the color attribute in an <mo> element.

- e. *The standard defines the attribute fence, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

MathML in Word does not support this attribute. MathML in Word does support the <mfence> element on load, which can be used instead.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- f. *The standard defines the attribute fontfamily, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the attribute fontsize, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the attribute fontstyle, contained within the element <mo>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the fontstyle attribute in an <mo> element. On save, OfficeArt Math in Word does not write the fontstyle attribute in an <mo> element.

- i. *The standard defines the attribute fontweight, contained within the element <mo>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the fontweight attribute in an <mo> element. On save, OfficeArt Math in Word does not write the fontweight attribute in an <mo> element.

- j. *The standard defines the attribute form, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- k. *The standard defines the attribute id, contained within the element <mo>*



This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- l. *The standard defines the attribute `largeop`, contained within the element `<mo>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- m. *The standard defines the attribute `lspace`, contained within the element `<mo>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- n. *The standard defines the attribute `mathbackground`, contained within the element `<mo>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the `mathbackground` attribute in an `<mo>` element. On save, OfficeArt Math in Word does not write the `mathbackground` attribute in an `<mo>` element.

- o. *The standard defines the attribute `mathcolor`, contained within the element `<mo>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the `mathcolor` attribute in an `<mo>` element. On save, OfficeArt Math in Word does not write the `mathcolor` attribute in an `<mo>` element.

- p. *The standard defines the attribute `mathsize`, contained within the element `<mo>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- q. *The standard defines the attribute `mathvariant`, contained within the element `<mo>`*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the `mathvariant` attribute in an `<mo>` element.

On save, OfficeArt Math in Word does not write the `mathvariant` attribute in an `<mo>` element. All math alphanumeric characters are written using Unicode code points.

- r. *The standard defines the property "(everything else)", contained within the attribute `mathvariant`, contained within the element `<mo>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- s. *The standard defines the property "monospace", contained within the attribute mathvariant, contained within the element <mo>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word ignores the mathvariant attribute when it has a value of "monospace".

- t. *The standard defines the attribute maxsize, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- u. *The standard defines the attribute minsize, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- v. *The standard defines the attribute movablelimits, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- w. *The standard defines the attribute rspace, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- x. *The standard defines the attribute separator, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

MathML in Word does not support the "separator" attribute of the <mo> element.. MathML in Word does support the <mfence> element on load, which can be used instead.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- y. *The standard defines the attribute stretchy, contained within the element <mo>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

On save, MathML in Word will emit stretchy for the following N-Ary operators: '&#x222B;', '&#x222C;', '&#x222D;', '&#x222E;', '&#x222F;', '&#x2230;', '&#x2232;', '&#x2233;', '&#x2231;', '&#x2229;', '&#x222A;', '&#x220F;', '&#x2210;', '&#x2211;', '&#x22C0;', '&#x22C1;', '&#x22C2;', '&#x22C3;'

On load, MathML in Word will respect the stretchy attribute for the following N-Ary operators: '&#x222B;', '&#x222C;', '&#x222D;', '&#x222E;', '&#x222F;', '&#x2230;', '&#x2232;', '&#x2233;', '&#x2231;', '&#x2229;', '&#x222A;', '&#x220F;', '&#x2210;', '&#x2211;', '&#x22C0;', '&#x22C1;', '&#x22C2;', '&#x22C3;'

On load, if the stretchy attribute is absent then MathML in Word will interpret the stretchy attribute value to be TRUE for the following N-Ary operators: '&#x222B;', '&#x222E;', '&#x222F;', '&#x2232;', '&#x2233;', '&#x2229;', '&#x222A;', '&#x220F;', '&#x2211;', '&#x22C0;', '&#x22C1;', '&#x22C2;', '&#x22C3;'

And, MathML in Word will interpret the stretchy attribute value to be false for the following N-Ary operators: '&#x222C;', '&#x222D;', '&#x2230;', '&#x2231;', '&#x2210;'

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

z. *The standard defines the attribute style, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

aa. *The standard defines the attribute symmetric, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

bb. *The standard defines the attribute xref, contained within the element <mo>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

cc. *The standard defines the element <mo>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

dd. *The standard defines the attribute accent, contained within the element <mo>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the accent attribute in an <mo> element.

On save, Excel does not write the accent attribute in an <mo> element.

ee. *The standard defines the attribute class, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ff. *The standard defines the attribute color, contained within the element <mo>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the color attribute in an <mo> element. On save, Excel does not write the color attribute in an <mo> element.

- gg. *The standard defines the attribute fence, contained within the element <mo>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- hh. *The standard defines the attribute fontfamily, contained within the element <mo>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- ii. *The standard defines the attribute fontsize, contained within the element <mo>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- jj. *The standard defines the attribute fontstyle, contained within the element <mo>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the fontstyle attribute in an <mo> element. On save, Excel does not write the fontstyle attribute in an <mo> element.
- kk. *The standard defines the attribute fontweight, contained within the element <mo>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the fontweight attribute in an <mo> element. On save, Excel does not write the fontweight attribute in an <mo> element.
- ll. *The standard defines the attribute form, contained within the element <mo>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- mm. *The standard defines the attribute id, contained within the element <mo>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- nn. *The standard defines the attribute largeop, contained within the element <mo>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- oo. *The standard defines the attribute lspace, contained within the element <mo>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- pp. *The standard defines the attribute mathbackground, contained within the element <mo>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the mathbackground attribute in an <mo> element. On save, Excel does not write the mathbackground attribute in an <mo> element.
- qq. *The standard defines the attribute mathcolor, contained within the element <mo>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the mathcolor attribute in an <mo> element. On save, Excel does not write the mathcolor attribute in an <mo> element.
- rr. *The standard defines the attribute mathsize, contained within the element <mo>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- ss. *The standard defines the attribute mathvariant, contained within the element <mo>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathvariant attribute in an <mo> element.

On save, Excel does not write the mathvariant attribute in an <mo> element. All math alphanumeric characters are written using Unicode code points.

tt. *The standard defines the attribute maxsize, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

uu. *The standard defines the attribute minsize, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

vv. *The standard defines the attribute movablelimits, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ww. *The standard defines the attribute rspace, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

xx. *The standard defines the attribute separator, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

yy. *The standard defines the attribute stretchy, contained within the element <mo>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

zz. *The standard defines the attribute style, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

aaa. *The standard defines the attribute symmetric, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

bbb. *The standard defines the attribute xref, contained within the element <mo>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ccc. *The standard defines the element <mo>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ddd. *The standard defines the attribute accent, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the accent attribute in an <mo> element.

On save, PowerPoint does not write the accent attribute in an <mo> element.

eee. *The standard defines the attribute class, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

fff. *The standard defines the attribute color, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the color attribute in an <mo> element. On save, PowerPoint does not write the color attribute in an <mo> element.

ggg. *The standard defines the attribute fence, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

hhh. *The standard defines the attribute fontfamily, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

iii. *The standard defines the attribute fontsize, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

jjj. *The standard defines the attribute fontstyle, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontstyle attribute in an <mo> element. On save, PowerPoint does not write the fontstyle attribute in an <mo> element.

kkk. *The standard defines the attribute fontweight, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontweight attribute in an <mo> element. On save, PowerPoint does not write the fontweight attribute in an <mo> element.

lll. *The standard defines the attribute form, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

mmm. *The standard defines the attribute id, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

nnn. *The standard defines the attribute largeop, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ooo. *The standard defines the attribute lspace, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ppp. *The standard defines the attribute mathbackground, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathbackground attribute in an <mo> element. On save, PowerPoint does not write the mathbackground attribute in an <mo> element.

qqq. *The standard defines the attribute mathcolor, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathcolor attribute in an <mo> element. On save, PowerPoint does not write the mathcolor attribute in an <mo> element.

rrr. *The standard defines the attribute mathsize, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

sss. *The standard defines the attribute mathvariant, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathvariant attribute in an <mo> element.

On save, PowerPoint does not write the mathvariant attribute in an <mo> element. All math alphanumeric characters are written using Unicode code points.

ttt. *The standard defines the attribute maxsize, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

uuu. *The standard defines the attribute minsize, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

vvv. *The standard defines the attribute movablelimits, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

www. *The standard defines the attribute rspace, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

xxx. *The standard defines the attribute separator, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

yyy. *The standard defines the attribute stretchy, contained within the element <mo>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

zzz. *The standard defines the attribute style, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

aaaa. *The standard defines the attribute symmetric, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

bbbb. *The standard defines the attribute xref, contained within the element <mo>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.467 Section 12.5 (MathML 2.0 Section 3.2.6), Text (mtext)**

a. *The standard defines the element <mtext>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

b. *The standard defines the attribute class, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

c. *The standard defines the attribute color, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the color attribute in an <mtext> element. On save, OfficeArt Math in Word does not write the color attribute in an <mtext> element.

d. *The standard defines the attribute fontfamily, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

e. *The standard defines the attribute fontsize, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

f. *The standard defines the attribute fontstyle, contained within the element <mtext>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the fontstyle attribute in an <mtext> element. On save, OfficeArt Math in Word does not write the fontstyle attribute in an <mtext> element.

g. *The standard defines the attribute fontweight, contained within the element <mtext>*



This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the fontweight attribute in an <mtext> element. On save, OfficeArt Math in Word does not write the fontweight attribute in an <mtext> element.

- h. *The standard defines the attribute id, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the attribute mathbackground, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the mathbackground attribute in an <mtext> element. On save, OfficeArt Math in Word does not write the mathbackground attribute in an <mtext> element.

- j. *The standard defines the attribute mathcolor, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the mathcolor attribute in an <mtext> element. On save, OfficeArt Math in Word does not write the mathcolor attribute in an <mtext> element.

- k. *The standard defines the attribute mathsize, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- l. *The standard defines the attribute mathvariant, contained within the element <mtext>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the mathvariant attribute in an <mtext> element.

On save, OfficeArt Math in Word does not write the mathvariant attribute in an <mtext> element. All math alphanumeric characters are written using Unicode code points.

- m. *The standard defines the property "(everything else)", contained within the attribute mathvariant, contained within the element <mtext>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- n. *The standard defines the property "monospace", contained within the attribute mathvariant, contained within the element <mtext>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word ignores the mathvariant attribute if the value is "monospace".

- o. *The standard defines the attribute style, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- p. *The standard defines the attribute xref, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- q. *The standard defines the element <mtext>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- r. *The standard defines the attribute class, contained within the element <mtext>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute color, contained within the element <mtext>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the color attribute in an <mtext> element. On save, Excel does not write the color attribute in an <mtext> element.

- t. *The standard defines the attribute fontfamily, contained within the element <mtext>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the attribute fontsize, contained within the element <mtext>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the attribute fontstyle, contained within the element <mtext>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the fontstyle attribute in an <mtext> element. On save, Excel does not write the fontstyle attribute in an <mtext> element.

- w. *The standard defines the attribute fontweight, contained within the element <mtext>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the fontweight attribute in an <mtext> element. On save, Excel does not write the fontweight attribute in an <mtext> element.

- x. *The standard defines the attribute id, contained within the element <mtext>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the attribute mathbackground, contained within the element <mtext>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the `mathbackground` attribute in an `<mtext>` element. On save, Excel does not write the `mathbackground` attribute in an `<mtext>` element.

- z. *The standard defines the attribute `mathcolor`, contained within the element `<mtext>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the `mathcolor` attribute in an `<mtext>` element. On save, Excel does not write the `mathcolor` attribute in an `<mtext>` element.

- aa. *The standard defines the attribute `mathsize`, contained within the element `<mtext>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- bb. *The standard defines the attribute `mathvariant`, contained within the element `<mtext>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the `mathvariant` attribute in an `<mtext>` element.

On save, Excel does not write the `mathvariant` attribute in an `<mtext>` element. All math alphanumeric characters are written using Unicode code points.

- cc. *The standard defines the attribute `style`, contained within the element `<mtext>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- dd. *The standard defines the attribute `xref`, contained within the element `<mtext>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ee. *The standard defines the element `<mtext>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ff. *The standard defines the attribute `class`, contained within the element `<mtext>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- gg. *The standard defines the attribute `color`, contained within the element `<mtext>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the `color` attribute in an `<mtext>` element. On save, PowerPoint does not write the `color` attribute in an `<mtext>` element.

- hh. *The standard defines the attribute `fontfamily`, contained within the element `<mtext>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ii. *The standard defines the attribute `fontsize`, contained within the element `<mtext>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- jj. *The standard defines the attribute `fontstyle`, contained within the element `<mtext>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontstyle attribute in an <mtext> element. On save, PowerPoint does not write the fontstyle attribute in an <mtext> element.

kk. *The standard defines the attribute fontweight, contained within the element <mtext>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontweight attribute in an <mtext> element. On save, PowerPoint does not write the fontweight attribute in an <mtext> element.

ll. *The standard defines the attribute id, contained within the element <mtext>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

mm. *The standard defines the attribute mathbackground, contained within the element <mtext>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathbackground attribute in an <mtext> element. On save, PowerPoint does not write the mathbackground attribute in an <mtext> element.

nn. *The standard defines the attribute mathcolor, contained within the element <mtext>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathcolor attribute in an <mtext> element. On save, PowerPoint does not write the mathcolor attribute in an <mtext> element.

oo. *The standard defines the attribute mathsize, contained within the element <mtext>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

pp. *The standard defines the attribute mathvariant, contained within the element <mtext>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathvariant attribute in an <mtext> element.

On save, PowerPoint does not write the mathvariant attribute in an <mtext> element. All math alphanumeric characters are written using Unicode code points.

qq. *The standard defines the attribute style, contained within the element <mtext>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

rr. *The standard defines the attribute xref, contained within the element <mtext>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## 2.1.468 Section 12.5 (MathML 2.0 Section 3.2.7), Space (mspace)

- a. *The standard defines the element <mspace>*

This element is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the <mspace> element. On load, the <mspace> element is treated as a space character when width, height or depth are specified.

On save, OfficeArt Math in Word does not write the <mspace> element.

- b. *The standard defines the attribute class, contained within the element <mspace>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute depth, contained within the element <mspace>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the depth attribute in an <mspace> element. An ASCII space is inserted.

On save, Word does not write the <mspace> element.

- d. *The standard defines the attribute height, contained within the element <mspace>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the height attribute in an <mspace> element. An ASCII space is inserted.

On save, Word does not write the <mspace> element.

- e. *The standard defines the attribute id, contained within the element <mspace>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute linebreak, contained within the element <mspace>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the linebreak attribute in an <mspace> element. If the linebreak attribute has the value of "newline" or "indentingnewline" and the following element is <mo> then a break is inserted. Otherwise, the linebreak attribute is ignored.

On save, Word does not write the <mspace> element.

- g. *The standard defines the property "auto | nobreak | goodbreak | badbreak", contained within the attribute linebreak, contained within the element <mspace>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute style, contained within the element <mspace>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute width, contained within the element <mspace>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the width attribute in an <mspace> element. An ASCII space is inserted.

On save, Word does not write the <mspace> element.

- j. *The standard defines the attribute xref, contained within the element <mspace>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- k. *The standard defines the element <mspace>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the <mspace> element. On load, the <mspace> element is treated as a space character when width, height or depth are specified.

On save, Excel does not write the <mspace> element.

- l. *The standard defines the attribute class, contained within the element <mspace>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute depth, contained within the element <mspace>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the depth attribute in an <mspace> element. An ASCII space is inserted.

On save, Excel does not write the <mspace> element.

- n. *The standard defines the attribute height, contained within the element <mspace>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the height attribute in an <mspace> element. An ASCII space is inserted.

On save, Excel does not write the <mspace> element.

- o. *The standard defines the attribute id, contained within the element <mspace>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the attribute linebreak, contained within the element <mspace>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the linebreak attribute in an <mspace> element. If the linebreak attribute has the value of "newline" or "indentingnewline" and the following element is <mo> then a break is inserted. Otherwise, the linebreak attribute is ignored.

On save, Excel does not write the <mspace> element.

- q. *The standard defines the property "auto | nobreak | goodbreak | badbreak", contained within the attribute linebreak, contained within the element <mspace>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the attribute style, contained within the element <mspace>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute width, contained within the element <mspace>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the width attribute in an <mspace> element. An ASCII space is inserted.

On save, Excel does not write the <mspace> element.

- t. *The standard defines the attribute xref, contained within the element <mspace>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the element <mspace>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the <mspace> element. On load, the <mspace> element is treated as a space character when width, height, or depth are specified.

On save, PowerPoint does not write the <mspace> element.

- v. *The standard defines the attribute class, contained within the element <mspace>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the attribute depth, contained within the element <mspace>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the depth attribute in an <mspace> element. An ASCII space is inserted.

On save, PowerPoint does not write the <mspace> element.

- x. *The standard defines the attribute height, contained within the element <mspace>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the height attribute in an <mspace> element. An ASCII space is inserted.

On save, PowerPoint does not write the <mspace> element.

- y. *The standard defines the attribute id, contained within the element <mspace>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the attribute linebreak, contained within the element <mspace>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the linebreak attribute in an <mspace> element. If the linebreak attribute has the value of "newline" or "indentingnewline" and the following element is <mo>, then a break is inserted. Otherwise, the linebreak attribute is ignored.

On save, PowerPoint does not write the <mspace> element.

- aa. *The standard defines the property "auto | nobreak | goodbreak | badbreak", contained within the attribute linebreak, contained within the element <mspace>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the attribute style, contained within the element <mspace>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the attribute width, contained within the element <mspace>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the width attribute in an <mspace> element. An ASCII space is inserted.

On save, PowerPoint does not write the <mspace> element.

- dd. *The standard defines the attribute xref, contained within the element <mspace>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.469 Section 12.5 (MathML 2.0 Section 3.2.8), String Literal (ms)**

- a. *The standard defines the element <ms>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On save, MathML in Word saves previously loaded <ms> elements as one or more tokenized elements instead of as a single <ms> element.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the <ms> element.

On save, OfficeArt Math in Word does not write the <ms> element.

- b. *The standard defines the attribute class, contained within the element <ms>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute color, contained within the element <ms>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the color attribute in an <ms> element. On save, Word does not write the color attribute in an <ms> element.

- d. *The standard defines the attribute fontfamily, contained within the element <ms>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute fontsize, contained within the element <ms>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute fontstyle, contained within the element <ms>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontstyle attribute in an <ms> element. On save, Word does not write the fontstyle attribute in an <ms> element.

- g. *The standard defines the attribute fontweight, contained within the element <ms>*



This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontweight attribute in an <ms> element. On save, Word does not write the fontweight attribute in an <ms> element.

- h. *The standard defines the attribute id, contained within the element <ms>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute lquote, contained within the element <ms>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the lquote attribute in an <ms> element.

On save, Word does not write the lquote attribute in an <ms> element.

- j. *The standard defines the attribute mathbackground, contained within the element <ms>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the mathbackground attribute in an <ms> element. On save, Word does not write the mathbackground attribute in an <ms> element.

- k. *The standard defines the attribute mathcolor, contained within the element <ms>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the mathcolor attribute in an <ms> element. On save, Word does not write the mathcolor attribute in an <ms> element.

- l. *The standard defines the attribute mathsize, contained within the element <ms>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute mathvariant, contained within the element <ms>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the mathvariant attribute in an <ms> element.

On save, Word does not write the mathvariant attribute in an <ms> element. All math alphanumeric characters are written using Unicode code points.

- n. *The standard defines the attribute rquote, contained within the element <ms>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the rquote attribute in an <ms> element.

On save, Word does not write the rquote attribute in an <ms> element.

- o. *The standard defines the attribute style, contained within the element <ms>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- p. *The standard defines the attribute xref, contained within the element <ms>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- q. *The standard defines the element <ms>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the <ms> element.

On save, Excel does not write the <ms> element.

- r. *The standard defines the attribute class, contained within the element <ms>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute color, contained within the element <ms>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the color attribute in an <ms> element. On save, Excel does not write the color attribute in an <ms> element.

- t. *The standard defines the attribute fontfamily, contained within the element <ms>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the attribute fontsize, contained within the element <ms>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the attribute fontstyle, contained within the element <ms>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the fontstyle attribute in an <ms> element. On save, Excel does not write the fontstyle attribute in an <ms> element.

- w. *The standard defines the attribute fontweight, contained within the element <ms>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the fontweight attribute in an <ms> element. On save, Excel does not write the fontweight attribute in an <ms> element.

- x. *The standard defines the attribute id, contained within the element <ms>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the attribute lquote, contained within the element <ms>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the lquote attribute in an <ms> element.

On save, Excel does not write the lquote attribute in an <ms> element.

- z. *The standard defines the attribute mathbackground, contained within the element <ms>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathbackground attribute in an <ms> element. On save, Excel does not write the mathbackground attribute in an <ms> element.

- aa. *The standard defines the attribute mathcolor, contained within the element <ms>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathcolor attribute in an <ms> element. On save, Excel does not write the mathcolor attribute in an <ms> element.

- bb. *The standard defines the attribute `mathsize`, contained within the element `<ms>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- cc. *The standard defines the attribute `mathvariant`, contained within the element `<ms>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- On load, Excel reads the `mathvariant` attribute in an `<ms>` element.
- On save, Excel does not write the `mathvariant` attribute in an `<ms>` element. All math alphanumeric characters are written using Unicode code points.
- dd. *The standard defines the attribute `rquote`, contained within the element `<ms>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- On load, Excel reads the `rquote` attribute in an `<ms>` element.
- On save, Excel does not write the `rquote` attribute in an `<ms>` element.
- ee. *The standard defines the attribute `style`, contained within the element `<ms>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- ff. *The standard defines the attribute `xref`, contained within the element `<ms>`*
- This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- gg. *The standard defines the element `<ms>`*
- This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- On load, PowerPoint reads the `<ms>` element.
- On save, PowerPoint does not write the `<ms>` element.
- hh. *The standard defines the attribute `class`, contained within the element `<ms>`*
- This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ii. *The standard defines the attribute `color`, contained within the element `<ms>`*
- This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- On load, PowerPoint reads the `color` attribute in an `<ms>` element. On save, PowerPoint does not write the `color` attribute in an `<ms>` element.
- jj. *The standard defines the attribute `fontfamily`, contained within the element `<ms>`*
- This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- kk. *The standard defines the attribute `fontsize`, contained within the element `<ms>`*
- This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ll. *The standard defines the attribute `fontstyle`, contained within the element `<ms>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontstyle attribute in an <ms> element. On save, PowerPoint does not write the fontstyle attribute in an <ms> element.

mm. *The standard defines the attribute fontweight, contained within the element <ms>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontweight attribute in an <ms> element. On save, PowerPoint does not write the fontweight attribute in an <ms> element.

nn. *The standard defines the attribute id, contained within the element <ms>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *The standard defines the attribute lquote, contained within the element <ms>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the lquote attribute in an <ms> element.

On save, PowerPoint does not write the lquote attribute in an <ms> element.

pp. *The standard defines the attribute mathbackground, contained within the element <ms>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathbackground attribute in an <ms> element. On save, PowerPoint does not write the mathbackground attribute in an <ms> element.

qq. *The standard defines the attribute mathcolor, contained within the element <ms>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathcolor attribute in an <ms> element. On save, PowerPoint does not write the mathcolor attribute in an <ms> element.

rr. *The standard defines the attribute mathsize, contained within the element <ms>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ss. *The standard defines the attribute mathvariant, contained within the element <ms>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathvariant attribute in an <ms> element.

On save, PowerPoint does not write the mathvariant attribute in an <ms> element. All math alphanumeric characters are written using Unicode code points.

tt. *The standard defines the attribute rquote, contained within the element <ms>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the rquote attribute in an <ms> element.

On save, PowerPoint does not write the rquote attribute in an <ms> element.

uu. *The standard defines the attribute style, contained within the element <ms>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

vv. *The standard defines the attribute xref, contained within the element <ms>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.470 Section 12.5 (MathML 2.0 Section 3.2.9), Accessing glyphs for characters from MathML (mglyph)**

a. *The standard defines the element <mglyph>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On save, MathML in Word will never write <mglyph>.

On load, MathML in Word will replace the <mglyph> with the value of the alt attribute as normal text. The fontfamily and index attributes will be dropped.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word, reads content only from the alt attribute of the mglyph element. Specifying glyphs directly is not supported.

On save, OfficeArt Math in Word does not write the <mglyph> element.

b. *The standard defines the attribute alt, contained within the element <mglyph>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the alt attribute in an <mglyph> element. The value of the alt attribute is inserted as text.

On save, Word does not write the alt attribute in an <mglyph> element.

c. *The standard defines the attribute class, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

d. *The standard defines the attribute color, contained within the element <mglyph>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the color attribute in an <mglyph> element. On save, Word does not write the color attribute in an <mglyph> element.

e. *The standard defines the attribute fontfamily, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

f. *The standard defines the attribute fontsize, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute fontstyle, contained within the element <mglyph>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontstyle attribute in an <mglyph> element. On save, Word does not write the fontstyle attribute in an <mglyph> element.

- h. *The standard defines the attribute fontweight, contained within the element <mglyph>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontweight attribute in an <mglyph> element. On save, Word does not write the fontweight attribute in an <mglyph> element.

- i. *The standard defines the attribute id, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute index, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- k. *The standard defines the attribute mathbackground, contained within the element <mglyph>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the mathbackground attribute in an <mglyph> element. On save, Word does not write the mathbackground attribute in an <mglyph> element.

- l. *The standard defines the attribute mathcolor, contained within the element <mglyph>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the mathcolor attribute in an <mglyph> element. On save, Word does not write the mathcolor attribute in an <mglyph> element.

- m. *The standard defines the attribute mathsize, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- n. *The standard defines the attribute mathvariant, contained within the element <mglyph>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- o. *The standard defines the attribute style, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- p. *The standard defines the attribute xref, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- q. *The standard defines the element <mglyph>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel, reads content only from the alt attribute of the mglyph element. Specifying glyphs directly is not supported.

On save, Excel does not write the <mglyph> element.

- r. *The standard defines the attribute alt, contained within the element <mglyph>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the alt attribute in an <mglyph> element. The value of the alt attribute is inserted as text.  
On save, Excel does not write the alt attribute in an <mglyph> element.
- s. *The standard defines the attribute class, contained within the element <mglyph>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- t. *The standard defines the attribute color, contained within the element <mglyph>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the color attribute in an <mglyph> element. On save, Excel does not write the color attribute in an <mglyph> element.
- u. *The standard defines the attribute fontfamily, contained within the element <mglyph>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- v. *The standard defines the attribute fontsize, contained within the element <mglyph>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- w. *The standard defines the attribute fontstyle, contained within the element <mglyph>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the fontstyle attribute in an <mglyph> element. On save, Excel does not write the fontstyle attribute in an <mglyph> element.
- x. *The standard defines the attribute fontweight, contained within the element <mglyph>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the fontweight attribute in an <mglyph> element. On save, Excel does not write the fontweight attribute in an <mglyph> element.
- y. *The standard defines the attribute id, contained within the element <mglyph>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- z. *The standard defines the attribute index, contained within the element <mglyph>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- aa. *The standard defines the attribute mathbackground, contained within the element <mglyph>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the mathbackground attribute in an <mglyph> element. On save, Excel does not write the mathbackground attribute in an <mglyph> element.
- bb. *The standard defines the attribute mathcolor, contained within the element <mglyph>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the mathcolor attribute in an <mglyph> element. On save, Excel does not write the mathcolor attribute in an <mglyph> element.

cc. *The standard defines the attribute `mathsize`, contained within the element `<mglyph>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

dd. *The standard defines the attribute `mathvariant`, contained within the element `<mglyph>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ee. *The standard defines the attribute `style`, contained within the element `<mglyph>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ff. *The standard defines the attribute `xref`, contained within the element `<mglyph>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

gg. *The standard defines the element `<mglyph>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint, reads content only from the alt attribute of the `mglyph` element. Specifying glyphs directly is not supported.

On save, PowerPoint does not write the `<mglyph>` element.

hh. *The standard defines the attribute `alt`, contained within the element `<mglyph>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the alt attribute in an `<mglyph>` element. The value of the alt attribute is inserted as text.

On save, PowerPoint does not write the alt attribute in an `<mglyph>` element.

ii. *The standard defines the attribute `class`, contained within the element `<mglyph>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

jj. *The standard defines the attribute `color`, contained within the element `<mglyph>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the color attribute in an `<mglyph>` element. On save, PowerPoint does not write the color attribute in an `<mglyph>` element.

kk. *The standard defines the attribute `fontfamily`, contained within the element `<mglyph>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ll. *The standard defines the attribute `fontsize`, contained within the element `<mglyph>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

mm. *The standard defines the attribute `fontstyle`, contained within the element `<mglyph>`*



This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontstyle attribute in an <mglyph> element. On save, PowerPoint does not write the fontstyle attribute in an <mglyph> element.

nn. *The standard defines the attribute fontweight, contained within the element <mglyph>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the fontweight attribute in an <mglyph> element. On save, PowerPoint does not write the fontweight attribute in an <mglyph> element.

oo. *The standard defines the attribute id, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

pp. *The standard defines the attribute index, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

qq. *The standard defines the attribute mathbackground, contained within the element <mglyph>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathbackground attribute in an <mglyph> element. On save, PowerPoint does not write the mathbackground attribute in an <mglyph> element.

rr. *The standard defines the attribute mathcolor, contained within the element <mglyph>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the mathcolor attribute in an <mglyph> element. On save, PowerPoint does not write the mathcolor attribute in an <mglyph> element.

ss. *The standard defines the attribute mathsize, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

tt. *The standard defines the attribute mathvariant, contained within the element <mglyph>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

uu. *The standard defines the attribute style, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

vv. *The standard defines the attribute xref, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.471 Section 12.5 (MathML 2.0 Section 3.2.9.2), Accessing glyphs for characters from MathML (mglyph)**

- a. *The standard defines the attribute alt, contained within the element <mglyph>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute fontfamily, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute index, contained within the element <mglyph>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.472 Section 12.5 (MathML 2.0 Section 3.3.1), Horizontally Group Sub-Expressions (mrow)**

- a. *The standard defines the element <mrow>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word supports the use of the <mrow> element with or without attributes. MathML in Word ignores any attributes that are present.

On save, MathML in Word may write more <mrow> elements than are strictly necessary.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element <mrow>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute id, contained within the element <mrow>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute style, contained within the element <mrow>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute xref, contained within the element <mrow>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the element <mrow>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the attribute class, contained within the element <mrow>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute id, contained within the element <mrow>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute style, contained within the element <mrow>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute xref, contained within the element <mrow>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the element <mrow>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- l. *The standard defines the attribute class, contained within the element <mrow>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute id, contained within the element <mrow>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute style, contained within the element <mrow>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *The standard defines the attribute xref, contained within the element <mrow>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.473 Section 12.5 (MathML 2.0 Section 3.3.2), Fractions (mfrac)**

- a. *The standard defines the element <mfrac>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute bevelled, contained within the element <mfrac>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- c. *The standard defines the attribute class, contained within the element <mfrac>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute `denomalign`, contained within the element `<mfrac>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute `id`, contained within the element `<mfrac>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute `linethickness`, contained within the element `<mfrac>`*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

96. Fraction bars in MathML in Word are either displayed or not displayed.

97. On load, MathML in Word displays a fraction bar if the `linethickness` attribute has a value of "thin", "medium", "thick", any nonzero digit, or is empty. In all other cases, no fraction bar is displayed.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

Fraction bars in OfficeArt Math in Word are either displayed or not displayed.

On load, OfficeArt Math in Word displays a fraction bar unless `linethickness` is zero and the fraction is not of the bevelled style.

On save, OfficeArt Math in Word either writes a value of '0' or omits this attribute.

- g. *The standard defines the attribute `numalign`, contained within the element `<mfrac>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the attribute `style`, contained within the element `<mfrac>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the attribute `xref`, contained within the element `<mfrac>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

j. *The standard defines the element <mfrac>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

k. *The standard defines the attribute bevelled, contained within the element <mfrac>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

l. *The standard defines the attribute class, contained within the element <mfrac>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

m. *The standard defines the attribute denomalign, contained within the element <mfrac>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

n. *The standard defines the attribute id, contained within the element <mfrac>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

o. *The standard defines the attribute linethickness, contained within the element <mfrac>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Fraction bars in Excel are either displayed or not displayed.

On load, Excel displays a fraction bar unless linethickness is zero and the fraction is not of the bevelled style.

On save, Excel either writes a value of '0' or omits this attribute.

p. *The standard defines the attribute numalign, contained within the element <mfrac>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

q. *The standard defines the attribute style, contained within the element <mfrac>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

r. *The standard defines the attribute xref, contained within the element <mfrac>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

s. *The standard defines the element <mfrac>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

t. *The standard defines the attribute bevelled, contained within the element <mfrac>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

u. *The standard defines the attribute class, contained within the element <mfrac>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

v. *The standard defines the attribute denomalign, contained within the element <mfrac>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the attribute id, contained within the element <mfrac>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the attribute linethickness, contained within the element <mfrac>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Fraction bars in PowerPoint are either displayed or not displayed.

On load, PowerPoint displays a fraction bar unless the linethickness attribute is zero and the fraction is not of the bevelled style.

On save, PowerPoint either writes a value of '0' or omits this attribute.

- y. *The standard defines the attribute numalign, contained within the element <mfrac>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the attribute style, contained within the element <mfrac>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- aa. *The standard defines the attribute xref, contained within the element <mfrac>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.474 Section 12.5 (MathML 2.0 Section 3.3.3), Radicals (msqrt, mroot)**

- a. *The standard defines the element <mroot>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element <mroot>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute id, contained within the element <mroot>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute style, contained within the element <mroot>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute xref, contained within the element <mroot>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the element <msqrt>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- g. *The standard defines the attribute class, contained within the element <msqrt>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the attribute id, contained within the element <msqrt>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the attribute style, contained within the element <msqrt>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the attribute xref, contained within the element <msqrt>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- k. *The standard defines the element <mroot>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the attribute class, contained within the element <mroot>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute id, contained within the element <mroot>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute style, contained within the element <mroot>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute xref, contained within the element <mroot>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the element <msqrt>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the attribute class, contained within the element <msqrt>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the attribute id, contained within the element <msqrt>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute style, contained within the element <msqrt>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the attribute xref, contained within the element <msqrt>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the element <mroot>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- v. *The standard defines the attribute class, contained within the element <mroot>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the attribute id, contained within the element <mroot>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the attribute style, contained within the element <mroot>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the attribute xref, contained within the element <mroot>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the element <msqrt>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- aa. *The standard defines the attribute class, contained within the element <msqrt>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the attribute id, contained within the element <msqrt>*



This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the attribute style, contained within the element <msqrt>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *The standard defines the attribute xref, contained within the element <msqrt>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.475 Section 12.5 (MathML 2.0 Section 3.3.4), Style Change (mstyle)**

- a. *The standard defines the element <mstyle>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

MathML in Word supports only the scriptlevel attribute of the <mstyle> element.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the <mstyle> element.

On save, OfficeArt Math in Word does not write the <mstyle> element.

- b. *The standard defines the attribute background, contained within the element <mstyle>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute class, contained within the element <mstyle>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute color, contained within the element <mstyle>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the color attribute in an <mstyle> element. On save, OfficeArt Math in Word does not write the color attribute in an <mstyle> element.

- e. *The standard defines the attribute displaystyle, contained within the element <mstyle>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute `id`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the attribute `mathcolor`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the `mathcolor` attribute in an `<mstyle>` element. On save, OfficeArt Math in Word does not write the `mathcolor` attribute in an `<mstyle>` element.

- h. *The standard defines the attribute `mediummathspace`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the attribute `scriptlevel`, contained within the element `<mstyle>`*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the attribute `scriptminsize`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- k. *The standard defines the attribute `scriptsizemultiplier`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- l. *The standard defines the attribute `style`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- m. *The standard defines the attribute `thickmathspace`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- n. *The standard defines the attribute `thinmathspace`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- o. *The standard defines the attribute `verythickmathspace`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- p. *The standard defines the attribute `verythinmathspace`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- q. *The standard defines the attribute `veryverythickmathspace`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- r. *The standard defines the attribute `veryverythinmathspace`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- s. *The standard defines the attribute `xref`, contained within the element `<mstyle>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- t. *The standard defines the element `<mstyle>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the `<mstyle>` element.

On save, Excel does not write the `<mstyle>` element.

- u. *The standard defines the attribute `background`, contained within the element `<mstyle>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the attribute class, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- w. *The standard defines the attribute color, contained within the element <mstyle>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the color attribute in an <mstyle> element. On save, Excel does not write the color attribute in an <mstyle> element.

- x. *The standard defines the attribute displaystyle, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the attribute id, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- z. *The standard defines the attribute mathcolor, contained within the element <mstyle>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the mathcolor attribute in an <mstyle> element. On save, Excel does not write the mathcolor attribute in an <mstyle> element.

- aa. *The standard defines the attribute mediummathspace, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- bb. *The standard defines the attribute scriptlevel, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- cc. *The standard defines the attribute scriptminsize, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- dd. *The standard defines the attribute scriptsizemultiplier, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ee. *The standard defines the attribute style, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ff. *The standard defines the attribute thickmathspace, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- gg. *The standard defines the attribute thinmathspace, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- hh. *The standard defines the attribute verythickmathspace, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ii. *The standard defines the attribute verythinmathspace, contained within the element <mstyle>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

jj. *The standard defines the attribute `veryverythickmathspace`, contained within the element `<mstyle>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

kk. *The standard defines the attribute `veryverythinmathspace`, contained within the element `<mstyle>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ll. *The standard defines the attribute `xref`, contained within the element `<mstyle>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

mm. *The standard defines the element `<mstyle>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the `<mstyle>` element.

On save, PowerPoint does not write the `<mstyle>` element.

nn. *The standard defines the attribute `background`, contained within the element `<mstyle>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *The standard defines the attribute `class`, contained within the element `<mstyle>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

pp. *The standard defines the attribute `color`, contained within the element `<mstyle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the `color` attribute in an `<mstyle>` element. On save, PowerPoint does not write the `color` attribute in an `<mstyle>` element.

qq. *The standard defines the attribute `displaystyle`, contained within the element `<mstyle>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

rr. *The standard defines the attribute `id`, contained within the element `<mstyle>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ss. *The standard defines the attribute `mathcolor`, contained within the element `<mstyle>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the `mathcolor` attribute in an `<mstyle>` element. On save, PowerPoint does not write the `mathcolor` attribute in an `<mstyle>` element.

tt. *The standard defines the attribute `mediummathspace`, contained within the element `<mstyle>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

uu. *The standard defines the attribute scriptlevel, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

vv. *The standard defines the attribute scriptminsize, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ww. *The standard defines the attribute scriptsizemultiplier, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

xx. *The standard defines the attribute style, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

yy. *The standard defines the attribute thickmathspace, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

zz. *The standard defines the attribute thinmathspace, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

aaa. *The standard defines the attribute verythickmathspace, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

bbb. *The standard defines the attribute verythinmathspace, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ccc. *The standard defines the attribute veryverythickmathspace, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ddd. *The standard defines the attribute veryverythinmathspace, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

eee. *The standard defines the attribute xref, contained within the element <mstyle>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## 2.1.476 Section 12.5 (MathML 2.0 Section 3.3.5), Error Message (`merror`)

- a. *The standard defines the element `<merror>`*

This element is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the `<merror>` element. On save, OfficeArt Math in Word does not write the `<merror>` element.

- b. *The standard defines the attribute `class`, contained within the element `<merror>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `id`, contained within the element `<merror>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `style`, contained within the element `<merror>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `xref`, contained within the element `<merror>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element `<merror>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the `<merror>` element. On save, Excel does not write the `<merror>` element.

- g. *The standard defines the attribute `class`, contained within the element `<merror>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `id`, contained within the element `<merror>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style`, contained within the element `<merror>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `xref`, contained within the element `<merror>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the element `<merror>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the `<merror>` element. On save, PowerPoint does not write the `<merror>` element.

- l. *The standard defines the attribute `class`, contained within the element `<merror>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute `id`, contained within the element `<merror>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute `style`, contained within the element `<merror>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *The standard defines the attribute `xref`, contained within the element `<merror>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.477 Section 12.5 (MathML 2.0 Section 3.3.6), Adjust Space Around Content (mpadded)**

- a. *The standard defines the element `<mpadded>`*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

98. On save, to make a phantom visible, MathML in Word uses an `<mpadded>` element only (not `<mphantom>`). This is true whether the object is smashed or not.
99. On save, to make a phantom invisible with no smashing, MathML in Word uses an `<mphantom>` element only (not `<mpadded>`).
100. On save, to make a phantom invisible with smashing, MathML in Word uses an `<mpadded>` element nested inside an `<mphantom>` element.
101. On save, MathML in Word converts any smashing into the appropriate attribute for the `<mpadded>` element and sets the value of the attribute to "0in" (for example, the OOXML construct `<m:zeroWid m:val="on" />` maps to the MathML attribute `width="0in"`).
102. On load, MathML in Word maps an `<mphantom>` element to an `<omml:phant>` element. Furthermore, if the `<mphantom>` element has exactly one child element and that child is an `<mpadded>` element, MathML in Word converts the `<mpadded>` element's attributes the appropriate MathML in Word smash properties (`zeroWid`, `zeroDesc`, `zeroAsc`) as specified in Note 6).
103. On load, MathML in Word converts the `width`, `height`, and `depth` attributes of the `<mpadded>` element into MathML in Word phantom properties `zeroWid`, `zeroAsc`, and `zeroDesc`, respectively.
104. Unless an `<mpadded>` element is the sole child of an `<mphantom>` element (in which case it would be handled by note 5), MathML in Word maps it to a MathML in Word `<phant>` element with the `show` property set to true.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

Padding in OfficeArt Math in Word is either normal or collapsed in any dimension.

On load, OfficeArt Math in Word displays elements with normal dimensions unless `depth`, `height` or `width` are set to '0', in which case they are collapsed in the corresponding dimension.

On save, OfficeArt Math in Word either writes a value of '0' or omits an attribute in the `<mpadded>` element.

- b. *The standard defines the attribute `class`, contained within the element `<mpadded>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.



c. *The standard defines the attribute depth, contained within the element <mpadded>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word uses the depth attribute to specify the vertical smashing below the baseline. Values containing one numeric digit, all of which are the digit zero, specify that smashing in this direction is on, otherwise smashing is off.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the depth attribute in an <mpadded> element.

On save, OfficeArt Math in Word either writes a value of '0' or omits the depth attribute in the <mpadded> element.

d. *The standard defines the attribute height, contained within the element <mpadded>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute specifies vertical smashing above the baseline. A value of zero specifies that smashing has a value of "off", or the height dimension of the object has a value of zero. Nonzero values specify that smashing has a value of "on", or the height dimension of the object is nonzero.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the height attribute in an <mpadded> element.

On save, OfficeArt Math in Word either writes a value of '0' or omits the height attribute in the <mpadded> element.

e. *The standard defines the attribute id, contained within the element <mpadded>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

f. *The standard defines the attribute lspace, contained within the element <mpadded>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

g. *The standard defines the attribute style, contained within the element <mpadded>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

h. *The standard defines the attribute width, contained within the element <mpadded>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

A value of zero specifies that smashing has a value of "off", or the width dimension of the object has a value of zero. Nonzero values specify that smashing has a value of "on", or the width dimension of the object is nonzero.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the width attribute in an <mpadded> element.

On save, OfficeArt Math in Word either writes a value of '0' or omits the width attribute in the <mpadded> element.

i. *The standard defines the attribute xref, contained within the element <mpadded>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

j. *The standard defines the element <mpadded>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Padding in Excel is either normal or collapsed in any dimension.

On load, Excel displays elements with normal dimensions unless depth, height or width are set to '0', in which case they are collapsed in the corresponding dimension.

On save, Excel either writes a value of '0' or omits an attribute in the <mpadded> element.

k. *The standard defines the attribute class, contained within the element <mpadded>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

l. *The standard defines the attribute depth, contained within the element <mpadded>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the depth attribute in an <mpadded> element.

On save, Excel either writes a value of '0' or omits the depth attribute in the <mpadded> element.

m. *The standard defines the attribute height, contained within the element <mpadded>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the height attribute in an <mpadded> element.

On save, Excel either writes a value of '0' or omits the height attribute in the <mpadded> element.

n. *The standard defines the attribute id, contained within the element <mpadded>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

o. *The standard defines the attribute lspace, contained within the element <mpadded>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

p. *The standard defines the attribute style, contained within the element <mpadded>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

q. *The standard defines the attribute width, contained within the element <mpadded>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the width attribute in an <mpadded> element.

On save, Excel either writes a value of '0' or omits the width attribute in the <mpadded> element.

- r. *The standard defines the attribute xref, contained within the element <mpadded>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the element <mpadded>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Padding in PowerPoint is either normal or collapsed in any dimension.

On load, PowerPoint displays elements with normal dimensions unless depth, height or width are set to '0', in which case they are collapsed in the corresponding dimension.

On save, PowerPoint either writes a value of '0' or omits an attribute in the <mpadded> element.

- t. *The standard defines the attribute class, contained within the element <mpadded>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *The standard defines the attribute depth, contained within the element <mpadded>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the depth attribute in an <mpadded> element.

On save, PowerPoint either writes a value of '0' or omits the depth attribute in the <mpadded> element.

- v. *The standard defines the attribute height, contained within the element <mpadded>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the height attribute in an <mpadded> element.

On save, PowerPoint either writes a value of '0' or omits the height attribute in the <mpadded> element.

- w. *The standard defines the attribute id, contained within the element <mpadded>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the attribute lspace, contained within the element <mpadded>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the attribute style, contained within the element <mpadded>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the attribute width, contained within the element <mpadded>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the width attribute in an <mpadded> element.

On save, PowerPoint either writes a value of '0' or omits the width attribute in the <mpadded> element.

aa. *The standard defines the attribute xref, contained within the element <mpadded>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.478 Section 12.5 (MathML 2.0 Section 3.3.7), Making Sub-Expressions Invisible (mphantom)**

a. *The standard defines the element <mphantom>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

105. On save, to make a phantom visible, MathML in Word uses an <mpadded> element only (not <mphantom>). This is true whether the object is smashed or not.
106. On save, to make a phantom invisible with no smashing, MathML in Word uses an <mphantom> element only (not <mpadded>).
107. On save, to make a phantom invisible with smashing, MathML in Word uses an <mpadded> element nested inside an <mphantom> element.
108. On save, MathML in Word converts any smashing into the appropriate attribute of an <mpadded> element and sets the value to "0in". (For example, the OOXML construct <m:zeroWid m:val="on" /> maps to the MathML attribute width="0in").
109. On load, MathML in Word maps an <mphantom> element to a MathML in Word <omml:phant> element. Furthermore, if the <mphantom> element has exactly one child element and that child is an <mpadded> element, MathML in Word converts the <mpadded> element's attributes into MathML in Word smash properties (zeroWid, zeroDesc, zeroAsc) as specified in Note 6.
110. On load, MathML in Word converts the width, height, and depth attributes of the <mpadded> element into MathML in Word phantom properties zeroWid, zeroAsc, and zeroDesc, respectively.
111. Unless an <mpadded> element is the sole child of an <mphantom> element (in which case it would be handled by note 5), MathML in Word maps it to a MathML in Word <phant> element with the show attribute set to true.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

b. *The standard defines the attribute class, contained within the element <mphantom>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

c. *The standard defines the attribute id, contained within the element <mphantom>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

d. *The standard defines the attribute style, contained within the element <mphantom>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute xref, contained within the element <mphantom>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the element <mphantom>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the attribute class, contained within the element <mphantom>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute id, contained within the element <mphantom>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute style, contained within the element <mphantom>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute xref, contained within the element <mphantom>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the element <mphantom>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- l. *The standard defines the attribute class, contained within the element <mphantom>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute id, contained within the element <mphantom>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute style, contained within the element <mphantom>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *The standard defines the attribute xref, contained within the element <mphantom>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.479 Section 12.5 (MathML 2.0 Section 3.3.8), Expression Inside Pair of Fences (mfenced)**

- a. *The standard defines the element <mfenced>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element <mfenced>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute close, contained within the element <mfenced>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- d. *The standard defines the attribute id, contained within the element <mfenced>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute open, contained within the element <mfenced>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- f. *The standard defines the attribute separators, contained within the element <mfenced>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word only uses the first separator that is specified and discards all others. On save, MathML in Word only writes out a single separator.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the separators attribute in an <mfenced> element and uses only the first separator.

On save, OfficeArt Math in Word writes the separators attribute with a single separator in an <mfenced> element.

- g. *The standard defines the attribute style, contained within the element <mfenced>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the attribute xref, contained within the element <mfenced>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

i. *The standard defines the element <mfenced>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

j. *The standard defines the attribute class, contained within the element <mfenced>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

k. *The standard defines the attribute close, contained within the element <mfenced>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

l. *The standard defines the attribute id, contained within the element <mfenced>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

m. *The standard defines the attribute open, contained within the element <mfenced>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

n. *The standard defines the attribute separators, contained within the element <mfenced>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the separators attribute in an <mfenced> element and uses only the first separator.

On save, Excel writes the separators attribute with a single separator in an <mfenced> element.

o. *The standard defines the attribute style, contained within the element <mfenced>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

p. *The standard defines the attribute xref, contained within the element <mfenced>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

q. *The standard defines the element <mfenced>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

r. *The standard defines the attribute class, contained within the element <mfenced>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

s. *The standard defines the attribute close, contained within the element <mfenced>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

t. *The standard defines the attribute id, contained within the element <mfenced>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *The standard defines the attribute open, contained within the element <mfenced>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- v. *The standard defines the attribute separators, contained within the element <mfenced>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the separators attribute in an <mfenced> element and uses only the first separator.

On save, PowerPoint writes the separators attribute with a single separator in an <mfenced> element.

- w. *The standard defines the attribute style, contained within the element <mfenced>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the attribute xref, contained within the element <mfenced>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.480 Section 12.5 (MathML 2.0 Section 3.3.9), Enclose Expression Inside Notation (menclose)**

- a. *The standard defines the element <menclose>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element <menclose>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute id, contained within the element <menclose>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute notation, contained within the element <menclose>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

On load, if notation is not set, the default is assumed to be a "radical", not "longdiv".

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- e. *The standard defines the property "(everything else)", contained within the attribute notation, contained within the element <menclose>*



This property is supported in MathML in Word 2010 and MathML in Word 2013.

This property is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- f. *The standard defines the property "actuarial", contained within the attribute notation, contained within the element <menclase>*

This property is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This property is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the property "circle", contained within the attribute notation, contained within the element <menclase>*

This property is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word converts a value of "circle" to the value of "box".

This property is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the property "longdiv", contained within the attribute notation, contained within the element <menclase>*

This property is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This property is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the property "none", contained within the attribute notation, contained within the element <menclase>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads the 'none' value of the notation attribute as a box with invisible borders.

On save, Word writes the notation, 'none' to denote a box with invisible borders.

- j. *The standard defines the property "radical", contained within the attribute notation, contained within the element <menclase>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- k. *The standard defines the property "roundedbox", contained within the attribute notation, contained within the element <menclase>*

This property is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word converts the value "roundedbox" to the value "box".

This property is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- l. *The standard defines the attribute style, contained within the element <menclase>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- m. *The standard defines the attribute `xref`, contained within the element `<math>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- n. *The standard defines the element `<math>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the attribute `class`, contained within the element `<math>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the attribute `id`, contained within the element `<math>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the attribute `notation`, contained within the element `<math>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- r. *The standard defines the property "(everything else)", contained within the attribute `notation`, contained within the element `<math>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the property "actuarial", contained within the attribute `notation`, contained within the element `<math>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the property "circle", contained within the attribute `notation`, contained within the element `<math>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the property "longdiv", contained within the attribute `notation`, contained within the element `<math>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the property "none", contained within the attribute `notation`, contained within the element `<math>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the 'none' value of the notation attribute as a box with invisible borders.

On save, Excel writes the notation, 'none' to denote a box with invisible borders.

- w. *The standard defines the property "radical", contained within the attribute `notation`, contained within the element `<math>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- x. *The standard defines the property "roundedbox", contained within the attribute notation, contained within the element <menclase>*  
This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- y. *The standard defines the attribute style, contained within the element <menclase>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- z. *The standard defines the attribute xref, contained within the element <menclase>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- aa. *The standard defines the element <menclase>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- bb. *The standard defines the attribute class, contained within the element <menclase>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- cc. *The standard defines the attribute id, contained within the element <menclase>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- dd. *The standard defines the attribute notation, contained within the element <menclase>*  
This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- ee. *The standard defines the property "(everything else)", contained within the attribute notation, contained within the element <menclase>*  
This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- ff. *The standard defines the property "actuarial", contained within the attribute notation, contained within the element <menclase>*  
This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- gg. *The standard defines the property "circle", contained within the attribute notation, contained within the element <menclase>*  
This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- hh. *The standard defines the property "longdiv", contained within the attribute notation, contained within the element <menclase>*  
This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ii. *The standard defines the property "none", contained within the attribute notation, contained within the element <menclase>*  
This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the 'none' value of the notation attribute as a box with invisible borders.

On save, PowerPoint writes the notation, 'none' to denote a box with invisible borders.

- jj. *The standard defines the property "radical", contained within the attribute notation, contained within the element <menclase>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

On load, PowerPoint reads the 'radical' value of the notation attribute in an <menclase> element.

On save, PowerPoint does not write the 'radical' value of the notation attribute in an <menclase> element.

- kk. *The standard defines the property "roundedbox", contained within the attribute notation, contained within the element <menclase>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ll. *The standard defines the attribute style, contained within the element <menclase>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- mm. *The standard defines the attribute xref, contained within the element <menclase>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.481 Section 12.5 (MathML 2.0 Section 3.4.1), Subscript (msub)**

- a. *The standard defines the element <msub>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element <msub>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute id, contained within the element <msub>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute style, contained within the element <msub>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute subscriptshift, contained within the element <msub>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute xref, contained within the element <msub>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the element <msub>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute class, contained within the element <msub>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute id, contained within the element <msub>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute style, contained within the element <msub>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute subscriptshift, contained within the element <msub>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute xref, contained within the element <msub>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the element <msub>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- n. *The standard defines the attribute class, contained within the element <msub>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *The standard defines the attribute id, contained within the element <msub>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- p. *The standard defines the attribute style, contained within the element <msub>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- q. *The standard defines the attribute subscriptshift, contained within the element <msub>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the attribute xref, contained within the element <msub>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.482 Section 12.5 (MathML 2.0 Section 3.4.2), Superscript (msup)**

- a. *The standard defines the element <msup>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element <msup>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute id, contained within the element <msup>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute style, contained within the element <msup>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute superscriptshift, contained within the element <msup>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute xref, contained within the element <msup>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the element <msup>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute class, contained within the element <msup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- i. *The standard defines the attribute id, contained within the element <msup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- j. *The standard defines the attribute style, contained within the element <msup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- k. *The standard defines the attribute superscriptshift, contained within the element <msup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- l. *The standard defines the attribute xref, contained within the element <msup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- m. *The standard defines the element <msup>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- n. *The standard defines the attribute class, contained within the element <msup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- o. *The standard defines the attribute id, contained within the element <msup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- p. *The standard defines the attribute style, contained within the element <msup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- q. *The standard defines the attribute superscriptshift, contained within the element <msup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- r. *The standard defines the attribute xref, contained within the element <msup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

**2.1.483 Section 12.5 (MathML 2.0 Section 3.4.3), Subscript-superscript Pair (msubsup)**

- a. *The standard defines the element <msubsup>*  
This element is supported in MathML in Word 2010 and MathML in Word 2013.  
This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.
- b. *The standard defines the attribute class, contained within the element <msubsup>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute `id`, contained within the element `<msubsup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute `style`, contained within the element `<msubsup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute `subscriptshift`, contained within the element `<msubsup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute `superscriptshift`, contained within the element `<msubsup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the attribute `xref`, contained within the element `<msubsup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the element `<msubsup>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute `class`, contained within the element `<msubsup>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `id`, contained within the element `<msubsup>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `style`, contained within the element `<msubsup>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.



- l. *The standard defines the attribute subscriptshift, contained within the element <msubsup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- m. *The standard defines the attribute superscriptshift, contained within the element <msubsup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- n. *The standard defines the attribute xref, contained within the element <msubsup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- o. *The standard defines the element <msubsup>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- p. *The standard defines the attribute class, contained within the element <msubsup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- q. *The standard defines the attribute id, contained within the element <msubsup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- r. *The standard defines the attribute style, contained within the element <msubsup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- s. *The standard defines the attribute subscriptshift, contained within the element <msubsup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- t. *The standard defines the attribute superscriptshift, contained within the element <msubsup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- u. *The standard defines the attribute xref, contained within the element <msubsup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.484 Section 12.5 (MathML 2.0 Section 3.4.4), Underscript (munder)**

- a. *The standard defines the element <munder>*  
This element is supported in MathML in Word 2010 and MathML in Word 2013.  
  
On load, MathML in Word maps an <munder> element to one of four different elements: <nAry>, <underbar>, <groupChr>, or <limLow>. MathML in Word identifies the type of <munder> element using the following criteria:
112. MathML in Word maps an <munder> element to an <nAry> element when the following conditions are true:
- the accentunder attribute is false

- the first child of the <munder> element is an nAry operator.
  - the operator is not contained inside any structure other than an <mml:mo>, <mml:mstyle>, or <mml:mrow> element
113. MathML in Word maps an <munder> element to an <underbar> element when the following conditions are true:
- the accentunder attribute is false
  - the second child of an <munder> element is a <mo> element
  - the operator of the second child equals 0x0332
114. MathML in Word maps an <munder> element to a <groupchr> element when the following conditions are true:
- when the accentunder attribute is false
  - one child of the <munder> element is an <mrow> element and another child is a <mo> element
  - the number of chars in the <mo> element is less than or equal to 1
115. Otherwise, MathML in Word maps the <munder> element to the <limLow> element.
- This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.
- b. *The standard defines the attribute accentunder, contained within the element <munder>*
- This attribute is supported in MathML in Word 2010 and MathML in Word 2013.
- This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.
- c. *The standard defines the attribute class, contained within the element <munder>*
- This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.
- This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- d. *The standard defines the attribute id, contained within the element <munder>*
- This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.
- This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- e. *The standard defines the attribute style, contained within the element <munder>*
- This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.
- This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- f. *The standard defines the attribute xref, contained within the element <munder>*
- This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.
- This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- g. *The standard defines the element <munder>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute `accentunder`, contained within the element `<munder>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute `class`, contained within the element `<munder>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `id`, contained within the element `<munder>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `style`, contained within the element `<munder>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute `xref`, contained within the element `<munder>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the element `<munder>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- n. *The standard defines the attribute `accentunder`, contained within the element `<munder>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- o. *The standard defines the attribute `class`, contained within the element `<munder>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- p. *The standard defines the attribute `id`, contained within the element `<munder>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- q. *The standard defines the attribute `style`, contained within the element `<munder>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the attribute `xref`, contained within the element `<munder>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.485 Section 12.5 (MathML 2.0 Section 3.4.5), Overscript (`mover`)**

- a. *The standard defines the element `<mover>`*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word maps a `<mover>` element to one of five different elements: `<nAry>`, `<overbar>`, `<accent>`, `<groupChr>`, or `<limUpp>`. MathML in Word identifies the type of `<mover>` element using the following criteria:

116. MathML in Word maps a <mover> element to an <nAry> element when the following conditions are true:
- the accent attribute is false
  - the core of the <mover> element is an nAry operator
  - the operator is not contained inside any structure other than an <mml:mo>, <mml:mstyle>, or <mml:mrow> element
117. MathML in Word maps a <mover> element to an <overbar> element when the following conditions are true:
- the accent attribute is false
  - the second child of the <mover> element is a <mo> element
  - the operator equals 0xAF
118. MathML in Word maps a <mover> element to an <accent> element when the following conditions are true:
- the accent attribute is true
  - the second child of the <mover> element is a <mo> element
  - the string-length of the operator is 1
119. MathML in Word maps a <mover> element to a <groupChr> element when the following conditions are true:
- the accent attribute is false
  - one child of the <mover> element is an <mrow> element and another child is a <mo> element
  - the number of characters in the <mo> element is less than or equal to 1
120. Otherwise, MathML in Word maps a <mover> element to a <limUpp> element.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute accent, contained within the element <mover>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- c. *The standard defines the attribute class, contained within the element <mover>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute id, contained within the element <mover>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute style, contained within the element <mover>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute xref, contained within the element <mover>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the element <mover>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute accent, contained within the element <mover>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute class, contained within the element <mover>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute id, contained within the element <mover>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute style, contained within the element <mover>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute xref, contained within the element <mover>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the element <mover>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- n. *The standard defines the attribute accent, contained within the element <mover>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- o. *The standard defines the attribute class, contained within the element <mover>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- p. *The standard defines the attribute id, contained within the element <mover>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- q. *The standard defines the attribute style, contained within the element <mover>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the attribute xref, contained within the element <mover>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.486 Section 12.5 (MathML 2.0 Section 3.4.6), Underscript-overscript Pair (munderover)**

### *a. The standard defines the element <munderover>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word maps an <munderover> element to one of two different elements: an <nAry> element or a <limLow> element nested inside a <limUpp> element.

121. MathML in Word maps an <munderover> element to an <nAry> element when the following conditions are true:

- the accent attribute is false
- the first child of the <munder> element is an nAry operator
- the operator is not contained inside any elements other than an <mml:mo>, <mml:mstyle>, or <mml:mrow>

122. Otherwise, the <munderover> element is mapped to a <limLow> element that is nested inside a <limUpp> element.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

### *b. The standard defines the attribute accent, contained within the element <munderover>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the accent attribute in an <munderover> element.

On save, OfficeArt Math in Word does not write the accent attribute in an <munderover> element.

### *c. The standard defines the attribute accentunder, contained within the element <munderover>*

This attribute is supported in MathML in Word 2010 and MathML in Word 2013.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the accentunder attribute in an <munderover> element.

On save, OfficeArt Math in Word does not write the accentunder attribute in an <munderover> element.

### *d. The standard defines the attribute class, contained within the element <munderover>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

### *e. The standard defines the attribute id, contained within the element <munderover>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute style, contained within the element <munderover>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the attribute xref, contained within the element <munderover>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the element <munderover>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute accent, contained within the element <munderover>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the accent attribute in an <munderover> element.

On save, Excel does not write the accent attribute in an <munderover> element.

- j. *The standard defines the attribute accentunder, contained within the element <munderover>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the accentunder attribute in an <munderover> element.

On save, Excel does not write the accentunder attribute in an <munderover> element.

- k. *The standard defines the attribute class, contained within the element <munderover>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute id, contained within the element <munderover>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute style, contained within the element <munderover>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute xref, contained within the element <munderover>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the element <munderover>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- p. *The standard defines the attribute accent, contained within the element <munderover>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the accent attribute in an <munderover> element.

On save, PowerPoint does not write the accent attribute in an <munderover> element.

- q. *The standard defines the attribute accentunder, contained within the element <munderover>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the accentunder attribute in an <munderover> element.

On save, PowerPoint does not write the accentunder attribute in an <munderover> element.

- r. *The standard defines the attribute class, contained within the element <munderover>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the attribute id, contained within the element <munderover>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- t. *The standard defines the attribute style, contained within the element <munderover>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *The standard defines the attribute xref, contained within the element <munderover>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.487 Section 12.5 (MathML 2.0 Section 3.4.7), Prescripts and Tensor Indices (mmultiscripts)**

- a. *The standard defines the element <mmultiscripts>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word maps the <mmultiscripts> element to a combination of the following elements:

- <sSubSup>
- <sSub>
- <sSup>
- <sPre>

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the <mmultiscripts> element.

On save, OfficeArt Math in Word writes the <mmultiscripts> element if prescripts are present.

- b. *The standard defines the attribute class, contained within the element <mmultiscripts>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.



This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute id, contained within the element <mmultiscripts>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute style, contained within the element <mmultiscripts>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute subscriptshift, contained within the element <mmultiscripts>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute superscriptshift, contained within the element <mmultiscripts>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the attribute xref, contained within the element <mmultiscripts>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the element <mmultiscripts>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the <mmultiscripts> element.

On save, Excel writes the <mmultiscripts> element if prescripts are present.

- i. *The standard defines the attribute class, contained within the element <mmultiscripts>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute id, contained within the element <mmultiscripts>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute style, contained within the element <mmultiscripts>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute subscriptshift, contained within the element <mmultiscripts>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- m. *The standard defines the attribute superscriptshift, contained within the element <mmultiscripts>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- n. *The standard defines the attribute xref, contained within the element <mmultiscripts>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- o. *The standard defines the element <mmultiscripts>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.  
On load, PowerPoint reads the <mmultiscripts> element.  
On save, PowerPoint writes the <mmultiscripts> element if prescripts are present.
- p. *The standard defines the attribute class, contained within the element <mmultiscripts>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- q. *The standard defines the attribute id, contained within the element <mmultiscripts>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- r. *The standard defines the attribute style, contained within the element <mmultiscripts>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- s. *The standard defines the attribute subscriptshift, contained within the element <mmultiscripts>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- t. *The standard defines the attribute superscriptshift, contained within the element <mmultiscripts>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- u. *The standard defines the attribute xref, contained within the element <mmultiscripts>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.488 Section 12.5 (MathML 2.0 Section 3.5.1), Table or Matrix (mtable)**

- a. *The standard defines the element <mtable>*  
This element is supported in MathML in Word 2010 and MathML in Word 2013.  
On load, MathML in Word may transform a MathML <mtable> element into either an equation array (<omml:eqArray> element) or a matrix (<omml:m> element).  
MathML in Word transforms an <mtable> element as an <omml:eqArray> element if the following conditions are true:

- no frame lines
- no column lines
- no row lines
- all rows have exactly one column
- no labeled rows

Otherwise, MathML in Word transforms an <table> element as an <omml:m> element.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

b. *The standard defines the attribute align, contained within the element <table>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

c. *The standard defines the attribute alignmentscope, contained within the element <table>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

d. *The standard defines the attribute class, contained within the element <table>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

e. *The standard defines the attribute columnalign, contained within the element <table>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

f. *The standard defines the attribute columnlines, contained within the element <table>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the columnlines attribute in an <table> element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, OfficeArt Math in Word does not write the columnlines attribute in an <table> element.

g. *The standard defines the attribute columnspacing, contained within the element <table>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the attribute columnwidth, contained within the element <mtable>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the attribute displaystyle, contained within the element <mtable>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the attribute equalcolumns, contained within the element <mtable>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- k. *The standard defines the attribute equalrows, contained within the element <mtable>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- l. *The standard defines the attribute frame, contained within the element <mtable>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the frame attribute in an <mtable> element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, OfficeArt Math in Word does not write the frame attribute in an <mtable> element.

- m. *The standard defines the attribute framespacing, contained within the element <mtable>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- n. *The standard defines the attribute groupalign, contained within the element <mtable>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the groupalign attribute in an <mtable> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, OfficeArt Math in Word does not write the groupalign attribute in an <mtable> element.

- o. *The standard defines the attribute `id`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- p. *The standard defines the attribute `minlabelspacing`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- q. *The standard defines the attribute `rowalign`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- r. *The standard defines the attribute `rowlines`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the `rowlines` attribute in an `<mtable>` element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, OfficeArt Math in Word does not write the `rowlines` attribute in an `<mtable>` element.

- s. *The standard defines the attribute `rowspacing`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- t. *The standard defines the attribute `side`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- u. *The standard defines the attribute `style`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- v. *The standard defines the attribute `width`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- w. *The standard defines the attribute `xref`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- x. *The standard defines the element `<mtable>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- y. *The standard defines the attribute `align`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- z. *The standard defines the attribute `alignmentscope`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- aa. *The standard defines the attribute `class`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- bb. *The standard defines the attribute `columnalign`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- cc. *The standard defines the attribute `columnlines`, contained within the element `<mtable>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the `columnlines` attribute in an `<mtable>` element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, Excel does not write the `columnlines` attribute in an `<mtable>` element.

- dd. *The standard defines the attribute `columnspacing`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ee. *The standard defines the attribute `columnwidth`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ff. *The standard defines the attribute `displaystyle`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- gg. *The standard defines the attribute `equalcolumns`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- hh. *The standard defines the attribute `equalrows`, contained within the element `<mtable>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ii. *The standard defines the attribute frame, contained within the element <mtable>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the frame attribute in an <mtable> element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, Excel does not write the frame attribute in an <mtable> element.

jj. *The standard defines the attribute framespacing, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

kk. *The standard defines the attribute groupalign, contained within the element <mtable>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the groupalign attribute in an <mtable> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, Excel does not write the groupalign attribute in an <mtable> element.

ll. *The standard defines the attribute id, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

mm. *The standard defines the attribute minlabelspacing, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

nn. *The standard defines the attribute rowalign, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

oo. *The standard defines the attribute rowlines, contained within the element <mtable>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the rowlines attribute in an <mtable> element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, Excel does not write the rowlines attribute in an <mtable> element.

pp. *The standard defines the attribute rowspacing, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

qq. *The standard defines the attribute side, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

rr. *The standard defines the attribute style, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ss. *The standard defines the attribute width, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

tt. *The standard defines the attribute xref, contained within the element <mtable>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

uu. *The standard defines the element <mtable>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

vv. *The standard defines the attribute align, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ww. *The standard defines the attribute alignmentscope, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

xx. *The standard defines the attribute class, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

yy. *The standard defines the attribute columnalign, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

zz. *The standard defines the attribute columnlines, contained within the element <mtable>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the columnlines attribute in an <mtable> element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, PowerPoint does not write the columnlines attribute in an <mtable> element.

aaa. *The standard defines the attribute columnspacing, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

bbb. *The standard defines the attribute columnwidth, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ccc. *The standard defines the attribute displaystyle, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ddd. *The standard defines the attribute equalcolumns, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

eee. *The standard defines the attribute equalrows, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

fff. *The standard defines the attribute frame, contained within the element <mtable>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.



On load, PowerPoint reads the frame attribute in an <mtable> element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, PowerPoint does not write the frame attribute in an <mtable> element.

ggg. *The standard defines the attribute framespacing, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

hhh. *The standard defines the attribute groupalign, contained within the element <mtable>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the groupalign attribute in an <mtable> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, PowerPoint does not write the groupalign attribute in an <mtable> element.

iii. *The standard defines the attribute id, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

jjj. *The standard defines the attribute minlabels spacing, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

kkk. *The standard defines the attribute rowalign, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

lll. *The standard defines the attribute rowlines, contained within the element <mtable>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the rowlines attribute in an <mtable> element. The presence of this attribute identifies the content in this element as a matrix, rather than an equation array.

On save, PowerPoint does not write the rowlines attribute in an <mtable> element.

mmm. *The standard defines the attribute rowspacing, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

nnn. *The standard defines the attribute side, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ooo. *The standard defines the attribute style, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ppp. *The standard defines the attribute width, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

qqq. *The standard defines the attribute xref, contained within the element <mtable>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.489 Section 12.5 (MathML 2.0 Section 3.5.2), Row in Table or Matrix (mtr)**

a. *The standard defines the element <mtr>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

b. *The standard defines the attribute class, contained within the element <mtr>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

c. *The standard defines the attribute columnalign, contained within the element <mtr>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

d. *The standard defines the attribute groupalign, contained within the element <mtr>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the groupalign attribute in an <mtr> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, OfficeArt Math in Word does not write the groupalign attribute in an <mtr> element.

e. *The standard defines the attribute id, contained within the element <mtr>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

f. *The standard defines the attribute rowalign, contained within the element <mtr>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

g. *The standard defines the attribute style, contained within the element <mtr>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the attribute xref, contained within the element <mtr>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the element <mtr>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute class, contained within the element <mtr>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute columnalign, contained within the element <mtr>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute groupalign, contained within the element <mtr>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the groupalign attribute in an <mtr> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, Excel does not write the groupalign attribute in an <mtr> element.

- m. *The standard defines the attribute id, contained within the element <mtr>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute rowalign, contained within the element <mtr>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute style, contained within the element <mtr>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the attribute xref, contained within the element <mtr>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the element <mtr>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- r. *The standard defines the attribute class, contained within the element <mtr>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the attribute columnalign, contained within the element <mtr>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- t. *The standard defines the attribute groupalign, contained within the element <mtr>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the groupalign attribute in an <mtr> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, PowerPoint does not write the groupalign attribute in an <mtr> element.

- u. *The standard defines the attribute id, contained within the element <mtr>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- v. *The standard defines the attribute rowalign, contained within the element <mtr>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the attribute style, contained within the element <mtr>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the attribute xref, contained within the element <mtr>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.490 Section 12.5 (MathML 2.0 Section 3.5.3), Labeled Row in Table or Matrix (mlabeledtr)**

- a. *The standard defines the element <mlabeledtr>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word converts <mlabeledtr> elements into <mtr> elements.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the <mlabeledtr> element. The label argument is ignored, making an <mlabeledtr> element equivalent to an <mtr> element.

On save, OfficeArt Math in Word does not write the <mlabeledtr> element.

- b. *The standard defines the element <mlabeledtr>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the <mlabeledtr> element. The label argument is ignored, making an <mlabeledtr> element equivalent to an <mtr> element.

On save, Excel does not write the <mlabeledtr> element.

- c. *The standard defines the element <mlabeledtr>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the <mabeledtr> element. The label argument is ignored, making an <mabeledtr> element equivalent to an <mtr> element.

On save, PowerPoint does not write the <mabeledtr> element.

## **2.1.491 Section 12.5 (MathML 2.0 Section 3.5.4), Entry in Table or Matrix (mtd)**

a. *The standard defines the element <mtd>*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

b. *The standard defines the attribute class, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

c. *The standard defines the attribute columnalign, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

d. *The standard defines the attribute colspan, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

e. *The standard defines the attribute groupalign, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the groupalign attribute in an <mtd> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, OfficeArt Math in Word does not write the groupalign attribute in an <mtd> element.

f. *The standard defines the attribute id, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

g. *The standard defines the attribute rowalign, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the attribute rowspan, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the attribute style, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the attribute xref, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- k. *The standard defines the element <mtd>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the attribute class, contained within the element <mtd>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute columnalign, contained within the element <mtd>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute columnspan, contained within the element <mtd>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute groupalign, contained within the element <mtd>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the groupalign attribute in an <mtd> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, Excel does not write the groupalign attribute in an <mtd> element.

- p. *The standard defines the attribute id, contained within the element <mtd>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the attribute rowalign, contained within the element <mtd>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the attribute rowspan, contained within the element <mtd>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute style, contained within the element <mtd>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- t. *The standard defines the attribute xref, contained within the element <mtd>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- u. *The standard defines the element <mtd>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- v. *The standard defines the attribute class, contained within the element <mtd>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- w. *The standard defines the attribute columnalign, contained within the element <mtd>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- x. *The standard defines the attribute colspan, contained within the element <mtd>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- y. *The standard defines the attribute groupalign, contained within the element <mtd>*  
This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.  
  
On load, PowerPoint reads the groupalign attribute in an <mtd> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, PowerPoint does not write the groupalign attribute in an <mtd> element.
- z. *The standard defines the attribute id, contained within the element <mtd>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- aa. *The standard defines the attribute rowalign, contained within the element <mtd>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- bb. *The standard defines the attribute rowspan, contained within the element <mtd>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- cc. *The standard defines the attribute style, contained within the element <mtd>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- dd. *The standard defines the attribute xref, contained within the element <mtd>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## 2.1.492 Section 12.5 (MathML 2.0 Section 3.5.5.4), Specifying alignment points using `malignmark`

- a. *The standard defines the element `<maligngroup>`*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word ignores the `<maligngroup>` element when the element is not inside a table that MathML in Word interprets as an equation array.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- b. *The standard defines the attribute class, contained within the element `<maligngroup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute groupalign, contained within the element `<maligngroup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the groupalign attribute in an `<maligngroup>` element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, OfficeArt Math in Word does not write the groupalign attribute in an `<maligngroup>` element.

- d. *The standard defines the attribute id, contained within the element `<maligngroup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute style, contained within the element `<maligngroup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute xref, contained within the element `<maligngroup>`*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the element `<malignmark>`*

This element is supported in MathML in Word 2010 and MathML in Word 2013.

On load, MathML in Word ignores the `<malignmark>` element when the element is not inside a table that MathML in Word interprets as an equation array.



This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

- h. *The standard defines the attribute class, contained within the element <malignmark>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the attribute edge, contained within the element <malignmark>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the attribute id, contained within the element <malignmark>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- k. *The standard defines the attribute style, contained within the element <malignmark>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- l. *The standard defines the attribute xref, contained within the element <malignmark>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- m. *The standard defines the element <maligngroup>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- n. *The standard defines the attribute class, contained within the element <maligngroup>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute groupalign, contained within the element <maligngroup>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the groupalign attribute in an <maligngroup> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, Excel does not write the groupalign attribute in an <maligngroup> element.

- p. *The standard defines the attribute id, contained within the element <maligngroup>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the attribute style, contained within the element <maligngroup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- r. *The standard defines the attribute xref, contained within the element <maligngroup>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- s. *The standard defines the element <malignmark>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- t. *The standard defines the attribute class, contained within the element <malignmark>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- u. *The standard defines the attribute edge, contained within the element <malignmark>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- v. *The standard defines the attribute id, contained within the element <malignmark>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- w. *The standard defines the attribute style, contained within the element <malignmark>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- x. *The standard defines the attribute xref, contained within the element <malignmark>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- y. *The standard defines the element <maligngroup>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- z. *The standard defines the attribute class, contained within the element <maligngroup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- aa. *The standard defines the attribute groupalign, contained within the element <maligngroup>*  
This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.  
  
On load, PowerPoint reads the groupalign attribute in an <maligngroup> element. Only the 'left' and 'right' values of the groupalign attribute are supported. On save, PowerPoint does not write the groupalign attribute in an <maligngroup> element.
- bb. *The standard defines the attribute id, contained within the element <maligngroup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- cc. *The standard defines the attribute style, contained within the element <maligngroup>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- dd. *The standard defines the attribute xref, contained within the element <maligngroup>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ee. *The standard defines the element <malignmark>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ff. *The standard defines the attribute class, contained within the element <malignmark>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

gg. *The standard defines the attribute edge, contained within the element <malignmark>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

hh. *The standard defines the attribute id, contained within the element <malignmark>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ii. *The standard defines the attribute style, contained within the element <malignmark>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

jj. *The standard defines the attribute xref, contained within the element <malignmark>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.493 Section 12.5 (MathML 2.0 Section 3.6.1), Bind Action to Sub-Expression (maction)**

a. *The standard defines the element <maction>*

This element is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This element is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the <maction> element. Content other than the sub-expression identified by the selection attribute is ignored.

On save, OfficeArt Math in Word does not write the <maction> element.

b. *The standard defines the attribute actiontype, contained within the element <maction>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

c. *The standard defines the attribute class, contained within the element <maction>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute id, contained within the element <maction>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute selection, contained within the element <maction>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2010 and OfficeArt Math in Word 2013.

On load, OfficeArt Math in Word reads the selection attribute in an <maction> element.

On save, OfficeArt Math in Word does not write the selection attribute in an <maction> element.

- f. *The standard defines the attribute style, contained within the element <maction>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the attribute xref, contained within the element <maction>*

This attribute is not supported in MathML in Word 2010, MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2010, OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the element <maction>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the <maction> element. Content other than the sub-expression identified by the selection attribute is ignored.

On save, Excel does not write the <maction> element.

- i. *The standard defines the attribute actiontype, contained within the element <maction>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute class, contained within the element <maction>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute id, contained within the element <maction>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute selection, contained within the element <maction>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the selection attribute in an <maction> element.

On save, Excel does not write the selection attribute in an <maction> element.

- m. *The standard defines the attribute style, contained within the element <maction>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute xref, contained within the element <maction>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the element <maction>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the <maction> element. Content other than the sub-expression identified by the selection attribute is ignored.

On save, PowerPoint does not write the <maction> element.

- p. *The standard defines the attribute actiontype, contained within the element <maction>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- q. *The standard defines the attribute class, contained within the element <maction>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the attribute id, contained within the element <maction>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the attribute selection, contained within the element <maction>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the selection attribute in an <maction> element.

On save, PowerPoint does not write the selection attribute in an <maction> element.

- t. *The standard defines the attribute style, contained within the element <maction>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *The standard defines the attribute xref, contained within the element <maction>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.494 Section 12.6, DDE Connections**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:dde-connection-decls>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the element <text:Dde-links>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.495 Section 12.6.1, Container for DDE Connection Declarations**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:dde-connection-decls>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.496 Section 12.6.2, Declaring DDE Connections for Text Fields**

- a. *The standard defines the element <text:dde-connection-decl>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:dde-connection-decls>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.497 Section 12.6.3, Declaring DDE Connections for Tables**

- a. *The standard defines the element <office:dde-source>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute office:automatic-update, contained within the element <office:dde-source>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute office:conversion-mode, contained within the element <office:dde-source>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute office:dde-application, contained within the element <office:dde-source>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute office:dde-item, contained within the element <office:dde-source>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the attribute office:dde-topic, contained within the element <office:dde-source>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the attribute office:name, contained within the element <office:dde-source>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

## **2.1.498 Section 13, SMIL Animations**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

## **2.1.499 Section 13.1.1, Animate**

- a. *The standard defines the element <anim:animate>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

## **2.1.500 Section 13.1.2, Set**

- a. *The standard defines the element <anim:set>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

## **2.1.501 Section 13.1.3, Animate Motion**

- a. *The standard defines the element <anim:animateMotion>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute smil:calcMode, contained within the element <anim:animateMotion>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports the values "discrete" and "linear" for this attribute.

- c. *The standard defines the attribute svg:origin, contained within the element <anim:animateMotion>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the attribute svg:path, contained within the element <anim:animateMotion>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

## **2.1.502 Section 13.1.4, Animate Color**

- a. *The standard defines the element <anim:animateColor>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.503 Section 13.1.5, Animate Transform**

- a. *The standard defines the element <anim:animateTransform>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## 2.1.504 Section 13.1.6, Transition Filter

- a. *The standard defines the element <anim:transitionFilter>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute smil:direction, contained within the element <anim:transitionFilter>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the attribute smil:fadeColor, contained within the element <anim:transitionFilter>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the attribute smil:mode, contained within the element <anim:transitionFilter>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- e. *The standard defines the attribute smil:subtype, contained within the element <anim:transitionFilter>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- f. *The standard defines the property "arrowHeadWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- g. *The standard defines the property "barnDoorWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Subtypes "vertical" and "horizontal" are supported in both forward and reverse directions.

- h. *The standard defines the property "barnVeeWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- i. *The standard defines the property "barnZigZagWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *The standard defines the property "barWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*



This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *The standard defines the property "bowTieWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the property "boxSnakesWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the property "clockWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Only the "clockwiseTwelve" subtype in the forward direction is supported. All other subtypes and directions are mapped to this one.

- n. *The standard defines the property "diagonalWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *The standard defines the property "doubleFanWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- p. *The standard defines the property "doubleSweepWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- q. *The standard defines the property "ellipseWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Only the "circle" subtype is supported. All other subtypes are mapped to this one.

- r. *The standard defines the property "eyeWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the property "fade", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

All fade wipes map to "crossfade".

- t. *The standard defines the property "fanWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Only the "centerTop" subtype in the forward direction is supported. All other fanwipe objects map to this one.

- u. *The standard defines the property "fourBoxWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

The fourBoxWipe property in combination with direction "forward" maps to "cornersOut". The fourBoxWipe property in combination with direction "reverse" maps to "cornersIn".

- v. *The standard defines the property "hexagonWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the property "irisWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Subtypes "rectangle" and "diamond" are supported in both forward and reverse directions.

- x. *The standard defines the property "miscDiagonalWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the property "miscShapeWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the property "parallelSnakesWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- aa. *The standard defines the property "pentagonWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the property "pinWheelWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Only the "twoBladeVertical" and the "fourBlade" subtypes in the forward directions are supported. All other subtypes and directions map to the clockWipe, single spoke transition on load in PowerPoint.

- cc. *The standard defines the property "pushWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *The standard defines the property "roundRectWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ee. *The standard defines the property "saloonDoorWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ff. *The standard defines the property "singleSweepWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- gg. *The standard defines the property "slideWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- hh. *The standard defines the property "snakeWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ii. *The standard defines the property "spiralWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- jj. *The standard defines the property "starWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- kk. *The standard defines the property "triangleWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ll. *The standard defines the property "veeWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- mm. *The standard defines the property "waterfallWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- nn. *The standard defines the property "windshieldWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- oo. *The standard defines the property "zigZagWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.505 Section 13.2, Animation Model Attributes**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.506 Section 13.3, Common Animation Attributes**

- a. *The standard defines the attribute anim:id*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.507 Section 13.3.1, Animation Target Attributes**

- a. *The standard defines the attribute smil:targetElement*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.508 Section 13.3.2, Animation Function Attributes**

- a. *The standard defines the attribute anim:formula*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, the entire animation will be lost if the operators "exp" or "log" are present. On save, the entire animation will be lost if any of the following elements are present in the native PowerPoint animation: "^", "?", "==", ">=", "<=", "!=", "!".

- b. *The standard defines the attribute anim:sub-item*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the attribute smil:accumulate*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

d. *The standard defines the attribute smil:additive*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

e. *The standard defines the attribute smil:attributeName*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

f. *The standard defines the attribute smil:by*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

g. *The standard defines the attribute smil:calcMode*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

h. *The standard defines the property "discrete", contained within the attribute smil:calcMode*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

i. *The standard defines the property "linear", contained within the attribute smil:calcMode*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

j. *The standard defines the property "paced", contained within the attribute smil:calcMode*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

k. *The standard defines the property "spline", contained within the attribute smil:calcMode*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

l. *The standard defines the attribute smil:from*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

m. *The standard defines the attribute smil:keySplines*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

n. *The standard defines the attribute smil:keyTimes*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

o. *The standard defines the attribute smil:to*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- p. *The standard defines the attribute smil:values*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.509 Section 13.4, Animation Timing**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.510 Section 13.4.1, Animation Timing Attributes**

- a. *The standard defines the attribute smil:accelerate*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute smil:autoreverse*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the attribute smil:begin*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the attribute smil:decelerate*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- e. *The standard defines the attribute smil:dur*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- f. *The standard defines the attribute smil:end*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- g. *The standard defines the attribute smil:endsync*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- h. *The standard defines the attribute smil:fill*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- i. *The standard defines the property "auto", contained within the attribute smil:fill*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *The standard defines the property "default", contained within the attribute smil:fill*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *The standard defines the property "freeze", contained within the attribute smil:fill*  
This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- l. *The standard defines the property "hold", contained within the attribute smil:fill*  
This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- m. *The standard defines the property "remove", contained within the attribute smil:fill*  
This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- n. *The standard defines the property "transition", contained within the attribute smil:fill*  
This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- o. *The standard defines the attribute smil:fillDefault*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- p. *The standard defines the attribute smil:RepeatCount*  
This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- q. *The standard defines the attribute smil:restart*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- r. *The standard defines the attribute smil:restartDefault*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.511 Section 13.4.2, Parallel Animations**

- a. *The standard defines the element <anim:par>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.512 Section 13.4.3, Sequential Animations**

- a. *The standard defines the element <anim:seq>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.513 Section 13.4.4, Iterative Animations**

- a. *The standard defines the element <anim:iterate>*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute `anim:iterate-interval`, contained within the element `<anim:iterate>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the attribute `anim:iterate-type`, contained within the element `<anim:iterate>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the attribute `anim:sub-item`, contained within the element `<anim:iterate>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the attribute `smil:targetElement`, contained within the element `<anim:iterate>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.514 Section 13.5, Media Elements**

- a. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.515 Section 13.5.1, Audio**

- a. *The standard defines the element `<anim:audio>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *The standard defines the attribute `anim:audio-level`, contained within the element `<anim:audio>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the attribute `xlink:href`, contained within the element `<anim:audio>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.516 Section 13.6, Special Elements**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.517 Section 13.6.1, Command**

- a. *The standard defines the element `<anim:command>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute `anim:command`, contained within the element `<anim:command>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.



## 2.1.518 Section 14, Styles

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.

- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

## 2.1.519 Section 14.1, Style Element

- a. *The standard defines the element <style:style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

b. *The standard defines the attribute style:auto-update, contained within the element <style:style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

c. *The standard defines the attribute style:class, contained within the element <style:style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>

- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute `style:data-style-name`, contained within the element `<style:style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `style:default-outline-level`, contained within the element `<style:style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `style:display-name`, contained within the element `<style:style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- g. *The standard defines the attribute `style:family`, contained within the element `<style:style>`*

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>

- `<draw:custom-shape>`
- h. *The standard defines the property "chart", contained within the attribute style:family, contained within the element <style:style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- i. *The standard defines the property "control", contained within the attribute style:family, contained within the element <style:style>*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- j. *The standard defines the property "default", contained within the attribute style:family, contained within the element <style:style>*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- k. *The standard defines the property "drawing-page", contained within the attribute style:family, contained within the element <style:style>*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- l. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
On load, Word does not support paragraph, text, or list properties from styles of the graphic family.  
On save, Word always writes "lr-tb" as the writing mode for styles of the graphic family.  
OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.
- m. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.
- n. *The standard defines the property "presentation", contained within the attribute style:family, contained within the element <style:style>*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- o. *The standard defines the property "ruby", contained within the attribute style:family, contained within the element <style:style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- p. *The standard defines the property "section", contained within the attribute style:family, contained within the element <style:style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- q. *The standard defines the property "table", contained within the attribute style:family, contained within the element <style:style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- r. *The standard defines the property "table-cell", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- s. *The standard defines the property "table-column", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- t. *The standard defines the property "table-page", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- u. *The standard defines the property "table-row", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- v. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- w. *The standard defines the attribute style:list-style-name, contained within the element <style:style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- x. *The standard defines the attribute style:master-page-name, contained within the element <style:style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, if the value of the style:master-page-name attribute for the first paragraph of the document is "" or missing, then Word will apply a default master page style named "Standard".

- y. *The standard defines the attribute style:name, contained within the element <style:style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>

- <draw:text-box>
- <draw:custom-shape>

Word requires that a style name be unique not only within the same style:family attribute but within the entire file. If a style with a duplicate name exists, Word ignores the duplicate style.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- z. *The standard defines the attribute style:next-style-name, contained within the element <style:style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- aa. *The standard defines the attribute style:parent-style-name, contained within the element <style:style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- bb. *The standard defines the element <style:style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel maps the "default" style to its "normal" style. On save, Excel maps its "normal" style back to "default".

Excel 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>

- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

cc. *The standard defines the attribute style:auto-update, contained within the element <style:style>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

Excel 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

dd. *The standard defines the attribute style:class, contained within the element <style:style>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

Excel 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

ee. *The standard defines the attribute `style:data-style-name`, contained within the element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ff. *The standard defines the attribute `style:default-outline-level`, contained within the element `<style:style>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

gg. *The standard defines the attribute `style:display-name`, contained within the element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On save, Excel determines if an Excel style's name is a valid RNG (Relax-NG) name. If it is, the Excel style's name will be output to the `style:name` attribute. If the Excel style's name is not a valid RNG name, the name will be modified to make it a valid RNG escaped name before being



output to the `style:name` attribute. If the style name is an escaped name, the original name will be output to the `style:display-name` attribute.

Excel 2013 does not support this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

hh. *The standard defines the attribute `style:family`, contained within the element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

ii. *The standard defines the property `"chart"`, contained within the attribute `style:family`, contained within the element `<style:style>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

jj. *The standard defines the property `"drawing-page"`, contained within the attribute `style:family`, contained within the element `<style:style>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

kk. *The standard defines the property `"graphic"`, contained within the attribute `style:family`, contained within the element `<style:style>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- ll. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- mm. *The standard defines the property "presentation", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- nn. *The standard defines the property "ruby", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

oo. *The standard defines the property "section", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

pp. *The standard defines the property "table", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

qq. *The standard defines the property "table-cell", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

rr. *The standard defines the property "table-column", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ss. *The standard defines the property "table-row", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

tt. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel uses text styles for headers, footers and Rich text formatting in cells.

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

uu. *The standard defines the attribute style:list-style-name, contained within the element <style:style>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

vv. *The standard defines the attribute `style:master-page-name`, contained within the element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ww. *The standard defines the attribute `style:name`, contained within the element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

Excel requires that a style name be unique not only within the same `style:family` attribute but within the entire file. If a style with a duplicate name exists, Excel ignores the duplicate style.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

xx. *The standard defines the attribute `style:next-style-name`, contained within the element `<style:style>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

yy. *The standard defines the attribute style:parent-style-name, contained within the element <style:style>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

zz. *The standard defines the element <style:style>*

PowerPoint 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

aaa. *The standard defines the attribute style:auto-update, contained within the element <style:style>*

PowerPoint 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

bbb. *The standard defines the attribute style:class, contained within the element <style:style>*

PowerPoint 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

ccc. *The standard defines the attribute style:data-style-name, contained within the element <style:style>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ddd. *The standard defines the attribute style:default-outline-level, contained within the element <style:style>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

eee. *The standard defines the attribute style:display-name, contained within the element <style:style>*

PowerPoint 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>

- <draw:custom-shape>

fff. *The standard defines the attribute style:family, contained within the element <style:style>*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

ggg. *The standard defines the property "chart", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

hhh. *The standard defines the property "control", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

iii. *The standard defines the property "default", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

jjj. *The standard defines the property "drawing-page", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

kkk. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>



- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

lll. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

mmm. *The standard defines the property "presentation", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

nnn. *The standard defines the property "ruby", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ooo. *The standard defines the property "section", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ppp. *The standard defines the property "table", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

qqq. *The standard defines the property "table-cell", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

rrr. *The standard defines the property "table-column", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

sss. *The standard defines the property "table-page", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ttt. *The standard defines the property "table-row", contained within the attribute style:family, contained within the element <style:style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

uuu. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

vvv. *The standard defines the attribute style:list-style-name, contained within the element <style:style>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

www. *The standard defines the attribute style:master-page-name, contained within the element <style:style>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

xxx. *The standard defines the attribute style:name, contained within the element <style:style>*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

PowerPoint requires that a style name be unique not only within the same style:family attribute but within the entire file. If a style with a duplicate name exists, PowerPoint ignores the duplicate style.

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

yyy. *The standard defines the attribute style:next-style-name, contained within the element <style:style>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

zzz. *The standard defines the attribute style:parent-style-name, contained within the element <style:style>*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.520 Section 14.1.1, Style Mappings**

- a. *The standard defines the element <style:map>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word 2013 does not support this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <style:map>*

Excel 2013 does not support this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>

- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute `style:apply-style-name`, contained within the element `<style:map>`, contained within the parent element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

123. Excel conditional formatting does not support the following formatting:

alignment formatting

font size

font face

thick and double borders

diagonal borders

124. Excel does not save pattern fills.

- d. *The standard defines the attribute `style:base-cell-address`, contained within the element `<style:map>`, contained within the parent element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The value of this attribute is the address of the upper-left cell of the conditional formatting's bounding reference. This attribute may be used in discontinuous ranges with conditional formatting.

- e. *The standard defines the attribute `style:condition`, contained within the element `<style:map>`, contained within the parent element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel conditional formatting does not support the following conditions:

125. "Stop if true" condition; Excel always stops if the condition has been met.
126. Conditions describing data bars, icon sets, or color scales.
127. Conditions describing discontinuous ranges for Top 10, Top 10%, Bottom 10, Bottom 10%, Above Average with standard deviation, and Below Average with standard deviation rules.

Excel conditional formatting supports the following conditions:

128. Conditions using the following: is-true-formula, cell-content-is-between, cell-content-is-not-between, and cell-content.
129. Conditions describing discontinuous ranges for Above and Below Average rules WITHOUT standard deviation.

Additionally, the following features apply to Excel's treatment of the style:condition attribute in conditional formatting:

130. Multiple rules with the same criteria could round trip as a single rule.
131. Some rules will round trip back as a formula instead of a friendly name (like highlight dups).

f. *The standard defines the element <style:map>*

PowerPoint 2013 does not support this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

## 2.1.521 Section 14.2, Default Styles

- a. *The standard defines the element <style:default-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "control", contained within the attribute draw:family, contained within the element <style:default-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "graphic", contained within the attribute draw:family, contained within the element <style:default-style>*

Word 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- d. *The standard defines the property "chart", contained within the attribute style:family, contained within the element <style:default-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the property "control", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- f. *The standard defines the property "default", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- g. *The standard defines the property "drawing-page", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- h. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
On load, Word does not support paragraph or text properties from styles of the graphic family.  
On save, Word always writes "lr-tb" as the writing mode for styles of the graphic family.  
OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.
- i. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.
- j. *The standard defines the property "presentation", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- k. *The standard defines the property "ruby", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- l. *The standard defines the property "section", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- m. *The standard defines the property "table", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- n. *The standard defines the property "table-cell", contained within the attribute style:family, contained within the element <style:default-style>*  
This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- o. *The standard defines the property "table-column", contained within the attribute style:family, contained within the element <style:default-style>*



This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- p. *The standard defines the property "table-page", contained within the attribute style:family, contained within the element <style:default-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- q. *The standard defines the property "table-row", contained within the attribute style:family, contained within the element <style:default-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- r. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:default-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- s. *The standard defines the element <style:default-style>*

Excel 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in any of the following items:

- text boxes

- shapes
  - SmartArt
  - chart titles
  - labels
- t. *The standard defines the element <style:default-style>, contained within the parent element <office:styles>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the property "control", contained within the attribute draw:family, contained within the element <style:default-style>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the property "graphic", contained within the attribute draw:family, contained within the element <style:default-style>*

Excel 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- w. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:default-style>*

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt

- chart titles
  - labels
- x. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:default-style>*

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- y. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:default-style>*

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- z. *The standard defines the element <style:default-style>*

PowerPoint 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>

- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- aa. *The standard defines the property "control", contained within the attribute draw:family, contained within the element <style:default-style>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the property "graphic", contained within the attribute draw:family, contained within the element <style:default-style>*

PowerPoint 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- cc. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:default-style>*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- dd. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:default-style>*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

- ee. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:default-style>*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

## **2.1.522 Section 14.3, Page Layout**

- a. *The standard defines the element <style:page-layout>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:name`, contained within the element `<style:page-layout>`*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. *The standard defines the attribute `style:page-usage`, contained within the element `<style:page-layout>`*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- d. *The standard defines the attribute `style:page-layout`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- e. *The standard defines the attribute `style:name`, contained within the element `<style:page-layout>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- f. *The standard defines the attribute `style:page-layout-properties`, contained within the element `<style:page-layout>`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- g. *The standard defines the attribute `style:page-usage`, contained within the element `<style:page-layout>`*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- h. *The standard defines the element `<style:page-layout>`*  
This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- i. *The standard defines the attribute `style:name`, contained within the element `<style:page-layout>`*  
This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- j. *The standard defines the attribute `style:page-usage`, contained within the element `<style:page-layout>`*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.523 Section 14.3.1, Header and Footer Styles**

- a. *The standard defines the element `<style:footer-style>`*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element `<style:header-style>`*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. *The standard defines the attribute `style:footer-style`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. *The standard defines the attribute `style:header-style`*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the attribute style:header-footer-properties, contained within the element <style:footer-style>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the attribute style:header-footer-properties, contained within the element <style:header-style>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the element <style:footer-style>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- h. *The standard defines the element <style:header-style>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.524 Section 14.4, Master Pages**

- a. *The standard defines the element <style:master-page>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On save, Word creates a new master page and associates it with a new application generated name.

- b. *The standard defines the attribute draw:style-name, contained within the element <style:master-page>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute style:display-name, contained within the element <style:master-page>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute style:name, contained within the element <style:master-page>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute style:next-style-name, contained within the element <style:master-page>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

132. On load, Word maintains the style:next-style-name attribute of the first page by allowing all subsequent pages to inherit their headers/footers from the style specified by the style:next-style-name attribute.

133. Word only saves the style:next-style-name attribute if the master page for the first page of the document differs from the second page.

- f. *The standard defines the attribute style:page-layout-name, contained within the element <style:master-page>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute `draw:style-name`, contained within the element `<style:master-page>`, contained within the parent element `<office:master-styles>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:display-name`, contained within the element `<style:master-page>`, contained within the parent element `<office:master-styles>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel does not read or display a master style name.

- j. *The standard defines the attribute `style:name`, contained within the element `<style:master-page>`, contained within the parent element `<office:master-styles>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the attribute `style:next-style-name`, contained within the element `<style:master-page>`, contained within the parent element `<office:master-styles>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute `style:page-layout-name`, contained within the element `<style:master-page>`, contained within the parent element `<office:master-styles>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the element `<presentation:notes>`, contained within the parent element `<style:master-page>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

134. Only the notes for the first master page will be loaded into PowerPoint as the master notes. All other `<presentation:notes>` elements for other master pages will be ignored.

135. If there are any `<draw:object>` child elements of the `<presentation:notes>` element for a master page, those elements will be lost.

- n. *The standard defines the element `<style:master-page>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- o. *The standard defines the attribute `draw:style-name`, contained within the element `<style:master-page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- p. *The standard defines the attribute `style:display-name`, contained within the element `<style:master-page>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- q. *The standard defines the attribute `style:name`, contained within the element `<style:master-page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint has two levels of masters: masters and layouts. Masters have the naming convention "Master#-[Master Name]" while layouts take the form "Master#-Layout#-[Layout Name]". On



load, PowerPoint matches layout pages with their corresponding master pages (those having the same Master#), as one of the inheriting layouts. Master pages whose names do not conform to either of these formats, and layout pages that do not have a corresponding master, are treated as masters and are given the default PowerPoint layouts.

- r. *The standard defines the attribute `style:next-style-name`, contained within the element `<style:master-page>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the attribute `style:page-layout-name`, contained within the element `<style:master-page>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

In PowerPoint, if different masters or pages have different size dimensions, they will all default to the dimensions of the last master that is not recognized to be a layout.

## **2.1.525 Section 14.4.1, Headers and Footers**

- a. *The standard defines the element `<style:footer>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:display`, contained within the element `<style:footer>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the element `<style:footer-left>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `style:display`, contained within the element `<style:footer-left>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the element `<style:footer-right>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `style:display`, contained within the element `<style:footer-right>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the element `<style:header>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the attribute `style:display`, contained within the element `<style:header>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the element `<style:header-left>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- j. *The standard defines the attribute `style:display`, contained within the element `<style:header-left>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- k. *The standard defines the element <style:header-right>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- l. *The standard defines the attribute style:display, contained within the element <style:header-right>*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- m. *The standard defines the element <style:region-center>, contained within the parent element <style:footer>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- n. *The standard defines the element <style:region-center>, contained within the parent element <style:footer-left>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- o. *The standard defines the element <style:region-center>, contained within the parent element <style:footer-right>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- p. *The standard defines the element <style:region-center>, contained within the parent element <style:header>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- q. *The standard defines the element <style:region-center>, contained within the parent element <style:header-left>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- r. *The standard defines the element <style:region-center>, contained within the parent element <style:header-right>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- s. *The standard defines the element <style:region-left>, contained within the parent element <style:footer>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- t. *The standard defines the element <style:region-left>, contained within the parent element <style:footer-left>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- u. *The standard defines the element <style:region-left>, contained within the parent element <style:footer-right>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- v. *The standard defines the element <style:region-left>, contained within the parent element <style:header>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- w. *The standard defines the element <style:region-left>, contained within the parent element <style:header-left>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- x. *The standard defines the element <style:region-left>, contained within the parent element <style:header-right>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- y. *The standard defines the element <style:region-right>, contained within the parent element <style:footer>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- z. *The standard defines the element <style:region-right>, contained within the parent element <style:footer-left>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- aa. *The standard defines the element <style:region-right>, contained within the parent element <style:footer-right>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- bb. *The standard defines the element <style:region-right>, contained within the parent element <style:header>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- cc. *The standard defines the element <style:region-right>, contained within the parent element <style:header-left>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- dd. *The standard defines the element <style:region-right>, contained within the parent element <style:header-right>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- ee. *The standard defines the attribute style:display, contained within the element <style:footer>, contained within the parent element <style:master-page>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel drops this attribute, and causes a header or footer to be dropped completely if present.

- ff. *The standard defines the attribute style:display, contained within the element <style:header>, contained within the parent element <style:master-page>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel drops this attribute, and causes a header or footer to be dropped completely if present.

- gg. *The standard defines the attribute style:display, contained within the element <style:header-left>, contained within the parent element <style:master-page>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- hh. *The standard defines the element <style:region-center>, contained within the parent element <style:footer>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- ii. *The standard defines the element <style:region-center>, contained within the parent element <style:footer-left>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- jj. *The standard defines the element <style:region-center>, contained within the parent element <style:header>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- kk. *The standard defines the element <style:region-center>, contained within the parent element <style:header-left>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- ll. *The standard defines the element <style:region-left>, contained within the parent element <style:footer>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- mm. *The standard defines the element <style:region-left>, contained within the parent element <style:header>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- nn. *The standard defines the element <style:region-left>, contained within the parent element <style:header-left>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- oo. *The standard defines the element <style:region-left>, contained within the parent element <style:footer-left>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- pp. *The standard defines the element <style:region-right>, contained within the parent element <style:footer>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- qq. *The standard defines the element <style:region-right>, contained within the parent element <style:header>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- rr. *The standard defines the element <style:region-right>, contained within the parent element <style:header-left>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- ss. *The standard defines the element <style:region-right>, contained within the parent element <style:footer-left>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- tt. *The standard defines the attribute style:display, contained within the element <style:footer-left>, contained within the parent element <style:master-page>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- uu. *The standard defines the element <style:footer>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

vv. *The standard defines the element <style:footer-left>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ww. *The standard defines the element <style:header>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

xx. *The standard defines the element <style:header-left>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.526 Section 14.4.2, Presentation Notes**

a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

b. *The standard defines the element <presentation:notes>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Certain OLE objects cannot be saved by PowerPoint when they exist in the notes section of a master page.

### **2.1.527 Section 14.5, Table Templates**

a. *The standard defines the element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the attribute table:table-template*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.528 Section 14.5.1, Row and Column Styles**

a. *The standard defines the element <table:body>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

b. *The standard defines the element <table:even-columns>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

c. *The standard defines the element <table:even-rows>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <table:first-column>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <table:first-row>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <table:last-column>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the element <table:last-row>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the element <table:odd-columns>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the element <table:odd-rows>, contained within the parent element <table:table-template>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.529 Section 14.6, Font Face Declaration**

- a. *The standard defines the element <style:font-face>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels. Font face declarations are not written. Instead, on save, the fo:font-family attribute specifies the font face.

- b. *The standard defines the element <style:font-face>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Font face declarations are supported only on load and are not written. Instead, on save the fo:font-family attribute specifies the font face.

- c. *The standard defines the element <style:font-face>, contained within the parent element <office:font-face-decls>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel ignores the <style:font-face> element, all attributes of the <style:font-face> element, and all child elements. Excel reads the <style:font-name> attribute to determine the font to apply.

On save, Excel writes out the <style:font-face> element, along with values for the <style:name> and <svg:font-family> attributes.

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the element <style:font-face>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

Font face declarations are supported only on load and are not written. Instead, on save the fo:font-family attribute specifies the font face.

## **2.1.530 Section 14.6.1, CSS2/SVG Font Descriptors**

- a. *The standard defines the element <style:font-face>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels. On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

- b. *The standard defines the attribute svg:accent-height, contained within the element <style:font-face>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute svg:alphabetic, contained within the element <style:font-face>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute svg:ascent, contained within the element <style:font-face>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute svg:bbox, contained within the element <style:font-face>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `svg:cap-height`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute `svg:descent`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute `svg:font-family`, contained within the element `<style:font-face>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the attribute `svg:font-size`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute `svg:font-stretch`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- k. *The standard defines the attribute `svg:font-style`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- l. *The standard defines the attribute `svg:font-variant`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute `svg:font-weight`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- n. *The standard defines the attribute `svg:hanging`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- o. *The standard defines the attribute `svg:ideographic`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- p. *The standard defines the attribute `svg:mathematical`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- q. *The standard defines the attribute `svg:overline-position`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- r. *The standard defines the attribute `svg:overline-thickness`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- s. *The standard defines the attribute `svg:panose-1`, contained within the element `<style:font-face>`*



This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- t. *The standard defines the attribute `svg:slope`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- u. *The standard defines the attribute `svg:stemh`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- v. *The standard defines the attribute `svg:stemv`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- w. *The standard defines the attribute `svg:strikethrough-position`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- x. *The standard defines the attribute `svg:strikethrough-thickness`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- y. *The standard defines the attribute `svg:underline-position`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- z. *The standard defines the attribute `svg:underline-thickness`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- aa. *The standard defines the attribute `svg:unicode-range`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- bb. *The standard defines the attribute `svg:units-per-em`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- cc. *The standard defines the attribute `svg:v-alphabetic`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- dd. *The standard defines the attribute `svg:v-hanging`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- ee. *The standard defines the attribute `svg:v-mathematical`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- ff. *The standard defines the attribute `svg:width`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- gg. *The standard defines the attribute `svg:x-height`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- hh. *The standard defines the element <svg:definition-src>, contained within the parent element <style:font-face>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- ii. *The standard defines the element <svg:font-face-format>, contained within the parent element <svg:font-face-uri>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- jj. *The standard defines the element <svg:font-face-name>, contained within the parent element <svg:font-face-src>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- kk. *The standard defines the element <svg:font-face-src>, contained within the parent element <style:font-face>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- ll. *The standard defines the element <svg:font-face-uri>, contained within the parent element <svg:font-face-src>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- mm. *The standard defines the element <style:font-face>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font face declarations. Font face declarations are not written.

- nn. *The standard defines the attribute svg:accent-height, contained within the element <style:font-face>, contained within the parent element <office:font-face-decls>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- oo. *The standard defines the attribute svg:alphabetic, contained within the element <style:font-face>, contained within the parent element <office:font-face-decls>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- pp. *The standard defines the attribute svg:ascent, contained within the element <style:font-face>, contained within the parent element <office:font-face-decls>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- qq. *The standard defines the attribute `svg:bbox`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- rr. *The standard defines the attribute `svg:cap-height`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ss. *The standard defines the attribute `svg:descent`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- tt. *The standard defines the attribute `svg:font-family`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel ignores the `<style:font-face>` element, all attributes of the `<style:font-face>` element, and all child elements. Excel reads the `<style:font-name>` attribute to determine the font to apply.

On save, Excel writes out the `<style:font-face element>`, along with values for the `<style:name>` and `<svg:font-family>` attributes.

- uu. *The standard defines the attribute `svg:font-size`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- vv. *The standard defines the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ww. *The standard defines the property "condensed", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- xx. *The standard defines the property "expanded", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- yy. *The standard defines the property "extra-condensed", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- zz. *The standard defines the property "extra-expanded", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

aaa. *The standard defines the property "normal", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

bbb. *The standard defines the property "semi-condensed", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ccc. *The standard defines the property "semi-expanded", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ddd. *The standard defines the property "ultra-condensed", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

eee. *The standard defines the property "ultra-expanded", contained within the attribute `svg:font-stretch`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

fff. *The standard defines the attribute `svg:font-style`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ggg. *The standard defines the attribute `svg:font-variant`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

hhh. *The standard defines the attribute `svg:font-weight`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

iii. *The standard defines the attribute `svg:hanging`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

jjj. *The standard defines the attribute `svg:ideographic`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

kkk. *The standard defines the attribute `svg:mathematical`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

lll. *The standard defines the attribute `svg:overline-position`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

mmm. *The standard defines the attribute `svg:overline-thickness`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

nnn. *The standard defines the attribute `svg:panose-1`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ooo. *The standard defines the attribute `svg:slope`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ppp. *The standard defines the attribute `svg:stemh`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

qqq. *The standard defines the attribute `svg:stemv`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

rrr. *The standard defines the attribute `svg:strikethrough-position`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

sss. *The standard defines the attribute `svg:strikethrough-thickness`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ttt. *The standard defines the attribute `svg:underline-position`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

uuu. *The standard defines the attribute `svg:underline-thickness`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

vvv. *The standard defines the attribute `svg:unicode-range`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

www. *The standard defines the attribute `svg:units-per-em`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

xxx. *The standard defines the attribute `svg:v-alphabetic`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

yyy. *The standard defines the attribute `svg:v-hanging`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

zzz. *The standard defines the attribute `svg:v-ideographic`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

aaaa. *The standard defines the attribute `svg:v-mathematical`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

bbbb. *The standard defines the attribute `svg:widths`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

cccc. *The standard defines the attribute `svg:x-height`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

dddd. *The standard defines the element `<svg:definition-src>`, contained within the parent element `<style:font-face>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

eeee. *The standard defines the attribute `xlink:actuate`, contained within the element `<svg:definition-src>`, contained within the parent element `<style:font-face>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ffff. *The standard defines the attribute `xlink:href`, contained within the element `<svg:definition-src>`, contained within the parent element `<style:font-face>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

gggg. *The standard defines the attribute `xlink:type`, contained within the element `<svg:definition-src>`, contained within the parent element `<style:font-face>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

hhhh. *The standard defines the element `<svg:font-face-format>`, contained within the parent element `<svg:font-face-src>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

iiii. *The standard defines the attribute `svg:string`, contained within the element `<svg:font-face-format>`, contained within the parent element `<svg:font-face-src>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

jjjj. *The standard defines the element `<svg:font-face-name>`, contained within the parent element `<svg:font-face-src>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

kkkk. *The standard defines the attribute `svg:name`, contained within the element `<svg:font-face-name>`, contained within the parent element `<svg:font-face-src>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

llll. *The standard defines the element <svg:font-face-src>, contained within the parent element <style:font-face>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

mmmm. *The standard defines the element <style:font-face>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font face declarations. Font face declarations are not written.

### **2.1.531 Section 14.6.2, Name**

a. *The standard defines the attribute style:name, contained within the element <style:font-face>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels. On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

b. *The standard defines the attribute style:name, contained within the element <style:font-face>*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font face declarations. Font face declarations are not written.

- c. *The standard defines the attribute `style:name`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel ignores the `<style:font-face>` element, all attributes of the `<style:font-face>` element, and all child elements. Excel reads the `<style:font-name>` attribute to determine the font to apply.

On save, Excel writes out the `<style:font-face>` element, along with values for the `<style:name>` and `<svg:font-family>` attributes.

- d. *The standard defines the attribute `style:name`, contained within the element `<style:font-face>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

### **2.1.532 Section 14.6.3, Adornments**

- a. *The standard defines the attribute `style:font-adornments`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels. On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

- b. *The standard defines the attribute `style:font-adornments`, contained within the element `<style:font-face>`*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`



- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font face declarations. Font face declarations are not written.

- c. *The standard defines the attribute `style:font-adornments`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `style:font-adornments`, contained within the element `<style:font-face>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in <the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

### **2.1.533 Section 14.6.4, Font Family Generic**

- a. *The standard defines the attribute `style:font-family-generic`, contained within the element `<style:font-face>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels. On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

- b. *The standard defines the attribute `style:font-family-generic`, contained within the element `<style:font-face>`*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font face declarations. Font face declarations are not written.

- c. *The standard defines the attribute `style:font-family-generic`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `style:font-family-generic`, contained within the element `<style:font-face>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

### **2.1.534 Section 14.6.5, Font Pitch**

- a. *The standard defines the attribute `style:font-pitch`, contained within the element `<style:font-face>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels. On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

- b. *The standard defines the attribute `style:font-pitch`, contained within the element `<style:font-face>`*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font face declarations. Font face declarations are not written.

- c. *The standard defines the attribute style:font-pitch, contained within the element <style:font-face>, contained within the parent element <office:font-face-decls>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute style:font-pitch, contained within the element <style:font-face>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

### **2.1.535 Section 14.6.6, Font Character Set**

- a. *The standard defines the attribute style:font-charset, contained within the element <style:font-face>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels. On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

- b. *The standard defines the attribute style:font-charset, contained within the element <style:font-face>*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font face declarations. Font face declarations are not written.

- c. *The standard defines the attribute style:font-charset, contained within the element <style:font-face>, contained within the parent element <office:font-face-decls>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute style:font-charset, contained within the element <style:font-face>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On save, this attribute is not supported in the context of font-face declarations. Font face declarations are not written.

### **2.1.536 Section 14.7, Data Styles**

- a. *The standard defines the element <number:number-style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.537 Section 14.7.1, Number Style**

- a. *The standard defines the element <number:embedded-text>, contained within the parent element <number:number>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <number:fraction>, contained within the parent element <number:number-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <number:number>, contained within the parent element <number:number-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element `<number:number-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element `<number:scientific-number>`, contained within the parent element `<number:number-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element `<number:text>`, contained within the parent element `<number:number-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the element `<style:map>`, contained within the parent element `<number:number-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the element `<style:text-properties>`, contained within the parent element `<number:number-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the element `<number:embedded-text>`, contained within the parent element `<number:number>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute `number:position`, contained within the element `<number:embedded-text>`, contained within the parent element `<number:number>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- k. *The standard defines the element `<number:fraction>`, contained within the parent element `<number:number-style>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the element `<number:number>`, contained within the parent element `<number:number-style>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- m. *The standard defines the attribute `number:decimal-replacement`, contained within the element `<number:number>`, contained within the parent element `<number:number-style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

If this attribute contains the empty string, Excel treats the values after the decimal as numeric instead of zero. On save, the attribute or empty string is saved only if all digits to the right of the decimal are insignificant digits.

- n. *The standard defines the attribute `number:display-factor`, contained within the element `<number:number>`, contained within the parent element `<number:number-style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the element `<number:scientific-number>`, contained within the parent element `<number:number-style>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the attribute `number:min-exponent-digits`, contained within the element `<number:scientific-number>`, contained within the parent element `<number:number-style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the element `<number:text>`, contained within the parent element `<number:number-style>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- r. *The standard defines the element `<style:map>`, contained within the parent element `<number:number-style>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- s. *The standard defines the element `<style:text-properties>`, contained within the parent element `<number:number-style>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

A subset of formatting can be applied through number formats. This subset of formatting is limited to colors.

- t. *The standard defines the element `<number:number-style>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.538 Section 14.7.2, Currency Style**

- a. *The standard defines the element `<number:currency-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<number:currency-symbol>`, contained within the parent element `<number:currency-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element `<number:number>`, contained within the parent element `<number:currency-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element `<number:text>`, contained within the parent element `<number:currency-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element `<style:map>`, contained within the parent element `<number:currency-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element `<style:text-properties>`, contained within the parent element `<number:currency-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the element <number:currency-style>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- h. *The standard defines the element <number:currency-symbol>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- i. *The standard defines the element <number:currency-symbol>, contained within the parent element <number:currency-style>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- j. *The standard defines the attribute number:country, contained within the element <number:currency-symbol>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- k. *The standard defines the attribute number:language, contained within the element <number:currency-symbol>*  
This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- l. *The standard defines the element <number:number>, contained within the parent element <number:currency-style>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- m. *The standard defines the element <number:text>, contained within the parent element <number:currency-style>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- n. *The standard defines the element <style:map>, contained within the parent element <number:currency-style>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- o. *The standard defines the element <style:text-properties>, contained within the parent element <number:currency-style>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
  
A subset of formatting can be applied through number formats. This subset of formatting is limited to colors.
- p. *The standard defines the element <number:currency-style>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.539 Section 14.7.3, Percentage Style**

- a. *The standard defines the element <number:number>, contained within the parent element <number:percentage-style>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the element <number:percentage-style>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <number:text>, contained within the parent element <number:percentage-style>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- d. *The standard defines the element <style:map>, contained within the parent element <number:percentage-style>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- e. *The standard defines the element <style:text-properties>, contained within the parent element <number:percentage-style>*  
This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- f. *The standard defines the element <number:percentage-style>, contained within the parent element <number:percentage-style>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- g. *The standard defines the element <style:map>, contained within the parent element <number:percentage-style>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- h. *The standard defines the element <number:percentage-style>*  
This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.540 Section 14.7.4, Date Style**

- a. *The standard defines the element <number:am-pm>, contained within the parent element <number:date-style>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the element <number:date-style>*  
This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- c. *The standard defines the attribute number:automatic-order, contained within the element <number:date-style>*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- d. *The standard defines the attribute number:country, contained within the element <number:date-style>*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- e. *The standard defines the attribute number:format-source, contained within the element <number:date-style>*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- f. *The standard defines the attribute number:language, contained within the element <number:date-style>*  
This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.



- g. *The standard defines the attribute `number:title`, contained within the element `<number:date-style>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- h. *The standard defines the attribute `number:transliteration-country`, contained within the element `<number:date-style>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- i. *The standard defines the attribute `number:transliteration-format`, contained within the element `<number:date-style>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- j. *The standard defines the attribute `number:transliteration-language`, contained within the element `<number:date-style>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- k. *The standard defines the attribute `number:transliteration-style`, contained within the element `<number:date-style>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- l. *The standard defines the attribute `style:display-name`, contained within the element `<number:date-style>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- m. *The standard defines the attribute `style:name`, contained within the element `<number:date-style>`*
- This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- n. *The standard defines the attribute `style:volatile`, contained within the element `<number:date-style>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- o. *The standard defines the element `<number:day>`, contained within the parent element `<number:date-style>`*
- This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- p. *The standard defines the property "buddhist", contained within the attribute `number:calendar`, contained within the element `<number:day>`, contained within the parent element `<number:date-style>`*
- This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- q. *The standard defines the property "gengou", contained within the attribute `number:calendar`, contained within the element `<number:day>`, contained within the parent element `<number:date-style>`*
- This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- r. *The standard defines the property "gregorian", contained within the attribute `number:calendar`, contained within the element `<number:day>`, contained within the parent element `<number:date-style>`*
- This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- s. *The standard defines the property "hanja", contained within the attribute number:calendar, contained within the element <number:day>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- t. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar, contained within the element <number:day>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- u. *The standard defines the property "hijri", contained within the attribute number:calendar, contained within the element <number:day>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- v. *The standard defines the property "jewish", contained within the attribute number:calendar, contained within the element <number:day>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- w. *The standard defines the property "ROC", contained within the attribute number:calendar, contained within the element <number:day>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- x. *The standard defines the attribute number:style, contained within the element <number:day>, contained within the parent element <number:date-style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- y. *The standard defines the element <number:day-of-week>, contained within the parent element <number:date-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- z. *The standard defines the property "buddhist", contained within the attribute number:calendar, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- aa. *The standard defines the property "gengou", contained within the attribute number:calendar, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- bb. *The standard defines the property "hanja", contained within the attribute number:calendar, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- cc. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- dd. *The standard defines the property "hijri", contained within the attribute number:calendar, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- ee. *The standard defines the property "jewish", contained within the attribute number:calendar, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- ff. *The standard defines the property "ROC", contained within the attribute number:calendar, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- gg. *The standard defines the attribute number:style, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- hh. *The standard defines the element <number:era>, contained within the parent element <number:date-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- ii. *The standard defines the property "buddhist", contained within the attribute number:calendar, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- jj. *The standard defines the property "gengou", contained within the attribute number:calendar, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- kk. *The standard defines the property "gregorian", contained within the attribute number:calendar, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- ll. *The standard defines the property "hanja", contained within the attribute number:calendar, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- mm. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

nn. *The standard defines the property "hijri", contained within the attribute number:calendar, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

oo. *The standard defines the property "jewish", contained within the attribute number:calendar, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

pp. *The standard defines the property "ROC", contained within the attribute number:calendar, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

qq. *The standard defines the attribute number:style, contained within the element <number:era>, contained within the parent element <number:date-style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

rr. *The standard defines the element <number:hours>, contained within the parent element <number:date-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

ss. *The standard defines the attribute number:style, contained within the element <number:hours>, contained within the parent element <number:date-style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

tt. *The standard defines the element <number:minutes>, contained within the parent element <number:date-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

uu. *The standard defines the attribute number:style, contained within the element <number:minutes>, contained within the parent element <number:date-style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

vv. *The standard defines the element <number:month>, contained within the parent element <number:date-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

ww. *The standard defines the property "buddhist", contained within the attribute number:calendar, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

xx. *The standard defines the property "gengou", contained within the attribute number:calendar, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

yy. *The standard defines the property "gregorian", contained within the attribute number:calendar, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

zz. *The standard defines the property "hanja", contained within the attribute number:calendar, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

aaa. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

bbb. *The standard defines the property "hijri", contained within the attribute number:calendar, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

ccc. *The standard defines the property "jewish", contained within the attribute number:calendar, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

ddd. *The standard defines the property "ROC", contained within the attribute number:calendar, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

eee. *The standard defines the attribute number:possessive-form, contained within the element <number:month>, contained within the parent element <number:date-style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

fff. *The standard defines the attribute number:style, contained within the element <number:month>, contained within the parent element <number:date-style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

ggg. *The standard defines the attribute number:textual, contained within the element <number:month>, contained within the parent element <number:date-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

hhh. *The standard defines the element <number:quarter>, contained within the parent element <number:date-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

iii. *The standard defines the element <number:seconds>, contained within the parent element <number:date-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

jjj. *The standard defines the attribute `number:decimal-places`, contained within the element `<number:seconds>`, contained within the parent element `<number:date-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

kkk. *The standard defines the attribute `number:style`, contained within the element `<number:seconds>`, contained within the parent element `<number:date-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

lll. *The standard defines the element `<number:week-of-year>`, contained within the parent element `<number:date-style>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

mmm. *The standard defines the element `<number:year>`, contained within the parent element `<number:date-style>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

nnn. *The standard defines the property "buddhist", contained within the attribute `number:calendar`, contained within the element `<number:year>`, contained within the parent element `<number:date-style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

ooo. *The standard defines the property "gengou", contained within the attribute `number:calendar`, contained within the element `<number:year>`, contained within the parent element `<number:date-style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

ppp. *The standard defines the property "gregorian", contained within the attribute `number:calendar`, contained within the element `<number:year>`, contained within the parent element `<number:date-style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

qqq. *The standard defines the property "hanja", contained within the attribute `number:calendar`, contained within the element `<number:year>`, contained within the parent element `<number:date-style>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

rrr. *The standard defines the property "hanja\_yoil", contained within the attribute `number:calendar`, contained within the element `<number:year>`, contained within the parent element `<number:date-style>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

sss. *The standard defines the property "hijri", contained within the attribute `number:calendar`, contained within the element `<number:year>`, contained within the parent element `<number:date-style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

ttt. *The standard defines the property "jewish", contained within the attribute `number:calendar`, contained within the element `<number:year>`, contained within the parent element `<number:date-style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

uuu. *The standard defines the property "ROC", contained within the attribute number:calendar, contained within the element <number:year>, contained within the parent element <number:date-style>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

vvv. *The standard defines the attribute number:style, contained within the element <number:year>, contained within the parent element <number:date-style>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

www. *The standard defines the element <style:map>, contained within the parent element <number:date-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

xxx. *The standard defines the element <style:text-properties>, contained within the parent element <number:date-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word applies text properties to this element via a <text:span> around the object.

yyy. *The standard defines the parent element <number:date-style>*

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

zzz. *The standard defines the property "long", contained within the attribute number:style, contained within the element <number:day>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

aaaa. *The standard defines the property "short", contained within the attribute number:style, contained within the element <number:day>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

bbbb. *The standard defines the attribute number:style, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

cccc. *The standard defines the property "long", contained within the attribute number:style, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

dddd. *The standard defines the property "short", contained within the attribute number:style, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

eeee. *The standard defines the element <number:era>, contained within the parent element <number:date-style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ffff. *The standard defines the property "long", contained within the attribute number:style, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

gggg. *The standard defines the property "short", contained within the attribute number:style, contained within the element <number:era>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

hhhh. *The standard defines the attribute number:possessive-form, contained within the element <number:month>, contained within the parent element <number:date-style>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

iiii. *The standard defines the property "long", contained within the attribute number:style, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

jjjj. *The standard defines the property "short", contained within the attribute number:style, contained within the element <number:month>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

kkkk. *The standard defines the attribute number:textual, contained within the element <number:month>, contained within the parent element <number:date-style>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

llll. *The standard defines the attribute number:style, contained within the element <number:quarter>, contained within the parent element <number:date-style>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

mmmm. *The standard defines the property "long", contained within the attribute number:style, contained within the element <number:quarter>, contained within the parent element <number:date-style>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

nnnn. *The standard defines the property "short", contained within the attribute number:style, contained within the element <number:quarter>, contained within the parent element <number:date-style>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

oooo. *The standard defines the element <number:week-of-year>, contained within the parent element <number:date-style>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

pppp. *The standard defines the element <number:year>, contained within the parent element <number:date-style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

qqqq. *The standard defines the property "long", contained within the attribute number:style, contained within the element <number:year>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.



rrrr. *The standard defines the property "short", contained within the attribute number:style, contained within the element <number:year>, contained within the parent element <number:date-style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

ssss. *The standard defines the element <style:map>, contained within the parent element <number:date-style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

tttt. *The standard defines the element <style:text-properties>, contained within the parent element <number:date-style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

A subset of formatting can be applied through number formats. This subset of formatting is limited to colors.

uuuu. *The standard defines the element <number:am-pm>, contained within the parent element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

vvvv. *The standard defines the element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

wwww. *The standard defines the element <number:day>, contained within the parent element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

xxxx. *The standard defines the attribute number:style, contained within the element <number:day>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

yyyy. *The standard defines the element <number:day-of-week>, contained within the parent element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

zzzz. *The standard defines the attribute number:style, contained within the element <number:day-of-week>, contained within the parent element <number:date-style>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

aaaaa. *The standard defines the element <number:era>, contained within the parent element <number:date-style>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

bbbbb. *The standard defines the element <number:hours>, contained within the parent element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

cccc. *The standard defines the attribute number:style, contained within the element <number:hours>, contained within the parent element <number:date-style>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

dddd. *The standard defines the element <number:minutes>, contained within the parent element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

eeee. *The standard defines the attribute number:style, contained within the element <number:minutes>, contained within the parent element <number:date-style>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ffff. *The standard defines the element <number:month>, contained within the parent element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ggggg. *The standard defines the attribute number:possessive-form, contained within the element <number:month>, contained within the parent element <number:date-style>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

hhhhh. *The standard defines the attribute number:style, contained within the element <number:month>, contained within the parent element <number:date-style>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

iiii. *The standard defines the attribute number:textual, contained within the element <number:month>, contained within the parent element <number:date-style>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

jjjjj. *The standard defines the element <number:quarter>, contained within the parent element <number:date-style>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

kkkkk. *The standard defines the attribute number:style, contained within the element <number:quarter>, contained within the parent element <number:date-style>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

lllll. *The standard defines the element <number:seconds>, contained within the parent element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

mmmmm. *The standard defines the attribute `number:decimal-places`, contained within the element `<number:seconds>`, contained within the parent element `<number:date-style>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

nnnnn. *The standard defines the attribute `number:style`, contained within the element `<number:seconds>`, contained within the parent element `<number:date-style>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ooooo. *The standard defines the element `<number:week-of-year>`, contained within the parent element `<number:date-style>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ppppp. *The standard defines the element `<number:year>`, contained within the parent element `<number:date-style>`*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

qqqqq. *The standard defines the attribute `number:style`, contained within the element `<number:year>`, contained within the parent element `<number:date-style>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

## **2.1.541 Section 14.7.5, Time Style**

a. *The standard defines the element `<number:am-pm>`, contained within the parent element `<number:time-style>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

136. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.

137. On save, Word does not write out time fields or time styles.

b. *The standard defines the attribute `number:style`, contained within the element `<number:hours>`, contained within the parent element `<number:time-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

138. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.

139. On save, Word does not write out time fields or time styles.

c. *The standard defines the attribute `number:style`, contained within the element `<number:minutes>`, contained within the parent element `<number:time-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

140. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.

141. On save, Word does not write out time fields or time styles.

- d. *The standard defines the attribute `number:decimal-places`, contained within the element `<number:seconds>`, contained within the parent element `<number:time-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

142. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
143. On save, Word does not write out time fields or time styles.

- e. *The standard defines the attribute `number:style`, contained within the element `<number:seconds>`, contained within the parent element `<number:time-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

144. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
145. On save, Word does not write out time fields or time styles.

- f. *The standard defines the element `<number:text>`, contained within the parent element `<number:time-style>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

146. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
147. On save, Word does not write out time fields or time styles.

- g. *The standard defines the element `<number:time-style>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

148. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
149. On save, Word does not write out time fields or time styles.

- h. *The standard defines the attribute `number:country`, contained within the element `<number:time-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

150. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
151. On save, Word does not write out time fields or time styles.

- i. *The standard defines the attribute `number:format-source`, contained within the element `<number:time-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

152. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
153. On save, Word does not write out time fields or time styles.

- j. *The standard defines the attribute `number:language`, contained within the element `<number:time-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

154. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
155. On save, Word does not write out time fields or time styles.

- k. *The standard defines the attribute `number:title`, contained within the element `<number:time-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

156. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
157. On save, Word does not write out time fields or time styles.

- l. *The standard defines the attribute `number:transliteration-country`, contained within the element `<number:time-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

158. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
159. On save, Word does not write out time fields or time styles.

- m. *The standard defines the attribute `number:transliteration-format`, contained within the element `<number:time-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

160. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
161. On save, Word does not write out time fields or time styles.

- n. *The standard defines the attribute `number:transliteration-language`, contained within the element `<number:time-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

162. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
163. On save, Word does not write out time fields or time styles.

- o. *The standard defines the attribute `number:transliteration-style`, contained within the element `<number:time-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

164. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
165. On save, Word does not write out time fields or time styles.

- p. *The standard defines the attribute `number:truncate-on-overflow`, contained within the element `<number:time-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

166. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.  
167. On save, Word does not write out time fields or time styles.

- q. *The standard defines the attribute `style:display-name`, contained within the element `<number:time-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

168. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.

169. On save, Word does not write out time fields or time styles.
- r. *The standard defines the attribute `style:volatile`, contained within the element `<number:time-style>`*
- This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
170. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.
171. On save, Word does not write out time fields or time styles.
- s. *The standard defines the element `<style:map>`, contained within the parent element `<number:time-style>`*
- This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
172. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.
173. On save, Word does not write out time fields or time styles.
- t. *The standard defines the element `<style:text-properties>`, contained within the parent element `<number:time-style>`*
- This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
174. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.
175. On save, Word does not write out time fields or time styles.
- u. *The standard defines the element `<number:am-pm>`*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- v. *The standard defines the property "long", contained within the attribute `number:style`, contained within the element `<number:minutes>`*
- This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- w. *The standard defines the property "short", contained within the attribute `number:style`, contained within the element `<number:minutes>`*
- This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- x. *The standard defines the element `<number:seconds>`*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- y. *The standard defines the attribute `number:decimal-places`, contained within the element `<number:seconds>`*
- This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- z. *The standard defines the element `<number:time-style>`*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- aa. *The standard defines the element `<style:map>`, contained within the parent element `<number:time-style>`*
- This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- bb. *The standard defines the element <number:am-pm>, contained within the parent element <number:time-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- cc. *The standard defines the element <number:hours>, contained within the parent element <number:time-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- dd. *The standard defines the attribute number:style, contained within the element <number:hours>, contained within the parent element <number:time-style>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ee. *The standard defines the element <number:minutes>, contained within the parent element <number:time-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ff. *The standard defines the attribute number:style, contained within the element <number:minutes>, contained within the parent element <number:time-style>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- gg. *The standard defines the element <number:seconds>, contained within the parent element <number:time-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- hh. *The standard defines the attribute number:style, contained within the element <number:seconds>, contained within the parent element <number:time-style>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ii. *The standard defines the element <number:time-style>, contained within the parent element <number:date-style>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- jj. *The standard defines the attribute number:truncate-on-overflow, contained within the element <number:time-style>, contained within the parent element <number:date-style>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.542 Section 14.7.6, Boolean Style**

- a. *The standard defines the element <number:boolean-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <number:boolean>, contained within the parent element <number:boolean-style>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <number:boolean-style>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Boolean styles are loaded; however, Excel does not have a number format token corresponding to the <number:boolean-style> element. Therefore, only the standard data style attributes are applied to specify the format. On save, Boolean styles are not saved.

- d. *The standard defines the element <style:map>, contained within the parent element <number:boolean-style>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <number:boolean-style>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.543 Section 14.7.7, Text Style**

- a. *The standard defines the element <number:text>, contained within the parent element <number:text-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <number:text-content>, contained within the parent element <number:text-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <number:text-style>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <number:text>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the element <number:text-content>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the element <number:text-style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the element <style:map>, contained within the parent element <number:text-style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.544 Section 14.7.8, Common Data Style Elements**

- a. *The standard defines the element <style:map>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.



- b. *The standard defines the element <style:text-properties>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <style:map>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the element <style:text-properties>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

A subset of formatting can be applied through number formats. This subset of formatting is limited to colors.

- e. *The standard defines the element <style:map>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the element <style:text-properties>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.545 Section 14.7.9, Common Data Style Attributes**

- a. *The standard defines the attribute number:automatic-order*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute number:country*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute number:format-source*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute number:language*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute number:title*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute style:display-name*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute style:name*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the attribute style:volatile*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute number:automatic-order*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

j. *The standard defines the attribute number:country*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

k. *The standard defines the attribute number:format-source*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

l. *The standard defines the attribute number:language*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

m. *The standard defines the attribute number:title*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

n. *The standard defines the attribute style:display-name*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

o. *The standard defines the attribute style:name*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

p. *The standard defines the attribute style:volatile*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.546 Section 14.7.10, Transliteration**

a. *The standard defines the attribute number:transliteration-country*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

b. *The standard defines the attribute number:transliteration-format*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

c. *The standard defines the attribute number:transliteration-language*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

d. *The standard defines the attribute number:transliteration-style*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

e. *The standard defines the attribute number:transliteration-format*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

f. *The standard defines the attribute number:transliteration-language*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- g. *The standard defines the attribute transliteration-country*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- h. *The standard defines the attribute transliteration-style*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.547 Section 14.7.11, Common Data Style Child Element Attributes**

- a. *The standard defines the property "buddhist", contained within the attribute number:calendar*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "gengou", contained within the attribute number:calendar*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "gregorian", contained within the attribute number:calendar*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "hanja", contained within the attribute number:calendar*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the property "hijri", contained within the attribute number:calendar*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the property "jewish", contained within the attribute number:calendar*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the property "ROC", contained within the attribute number:calendar*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute number:decimal-places*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute number:grouping*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- k. *The standard defines the attribute number:min-integer-digits*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- l. *The standard defines the attribute number:calendar*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- m. *The standard defines the property "buddhist", contained within the attribute number:calendar*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- n. *The standard defines the property "gengou", contained within the attribute number:calendar*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- o. *The standard defines the property "gregorian", contained within the attribute number:calendar*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- p. *The standard defines the property "hanja", contained within the attribute number:calendar*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- q. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the property "hijiri", contained within the attribute number:calendar*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- s. *The standard defines the property "jewish", contained within the attribute number:calendar*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- t. *The standard defines the property "ROC", contained within the attribute number:calendar*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.548 Section 14.8, Text Styles**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.

- b. OfficeArt Math in Excel 2013 supports this on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

c. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.549 Section 14.8.1, Text Styles**

a. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

b. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.550 Section 14.8.2, Paragraph Styles**

- a. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.551 Section 14.8.3, Section Styles**

- a. *The standard defines the property "section", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "section", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in Excel 2013 does not support this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the property "section", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.552 Section 14.8.4, Ruby Style**

- a. *The standard defines the property "ruby", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "ruby", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in Excel 2013 does not support this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the property "ruby", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>



- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.553 Section 14.9, Enhanced Text Styles**

- a. OfficeArt Math in Word 2013 does not support this on save for text in SmartArt and chart titles and labels.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. OfficeArt Math in PowerPoint 2013 does not support this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.554 Section 14.9.1, Line Numbering Configuration

- a. *The standard defines the element <text:linenumbers-configuration>, contained within the parent element <office:styles>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word saves the line numbering configuration only if the following conditions are met:

- 176. All sections restart per page.
- 177. All sections start line numbering at 1.
- 178. All sections have the same distance between the line numbering and the text.
- 179. All sections have line numbering that increments by the same amount.

- b. *The standard defines the attribute style:num-format, contained within the element <text:linenumbers-configuration>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

All values for the style:num-format attribute revert to the Word default of Arabic numerals (1,2,3, ...).

- c. *The standard defines the attribute style:num-letter-sync, contained within the element <text:linenumbers-configuration>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute text:count-empty-lines, contained within the element <text:linenumbers-configuration>, contained within the parent element <office:styles>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute text:count-in-text-boxes, contained within the element <text:linenumbers-configuration>, contained within the parent element <office:styles>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute text:increment, contained within the element <text:linenumbers-configuration>, contained within the parent element <office:styles>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute text:number-lines, contained within the element <text:linenumbers-configuration>, contained within the parent element <office:styles>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the attribute text:offset, contained within the element <text:linenumbers-configuration>, contained within the parent element <office:styles>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the attribute text:position, contained within the element <text:linenumbers-configuration>, contained within the parent element <office:styles>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute text:restart-on-page, contained within the element <text:linenumbers-configuration>, contained within the parent element <office:styles>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- k. *The standard defines the attribute `text:style-name`, contained within the element `<text:linenumbering-configuration>`, contained within the parent element `<office:styles>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- l. *The standard defines the element `<text:linenumbering-separator>`, contained within the parent element `<text:linenumbering-configuration>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute `text:increment`, contained within the element `<text:linenumbering-separator>`, contained within the parent element `<text:linenumbering-configuration>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- n. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

## **2.1.555 Section 14.9.2, Notes Configuration Element**

- a. *The standard defines the element `<text:notes-configuration>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:num-letter-sync`, contained within the element `<text:notes-configuration>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `style:num-prefix`, contained within the element `<text:notes-configuration>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `style:num-suffix`, contained within the element `<text:notes-configuration>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute `text:citation-body-style-name`, contained within the element `<text:notes-configuration>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `text:citation-style`, contained within the element `<text:notes-configuration>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute `text:default-style-name`, contained within the element `<text:notes-configuration>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute `text:footnotes-position`, contained within the element `<text:notes-configuration>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the attribute `text:master-page-name`, contained within the element `<text:notes-configuration>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute text:note-class, contained within the element <text:notes-configuration>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- k. *The standard defines the attribute text:note-continuation-notice-backward, contained within the element <text:notes-configuration>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- l. *The standard defines the attribute text:note-continuation-notice-forward, contained within the element <text:notes-configuration>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute text:num-format, contained within the element <text:notes-configuration>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

180. On load, numbering formats that are not familiar to Word will be displayed using the Arabic numeral format (1, 2, 3...).

181. On save and load, the following strings are also supported by Word as numbering formats:

ア, イ, ウ, ...

ア, イ, ウ, ...

أ, ب, ج, ...

أ, ب, ت, ...

One, Two, Three, ...

\*, †, ‡, ...

一, 十, 一〇〇(簡), ...

一, 十, 一百 (簡), ...

壹, 貳, 參, ...

ㄱ, ㄴ, ㄷ, ...

①, ②, ③, ...

①, ②, ③, ...

1, 2, 3, ...

(1), (2), (3), ...

1, 2, 3, ...

01, 02, 03, ...

가, 나, 다, ...

κ, λ, μ, ...

κ, λ, μ, ...

1, A, B, ...  
 अ, आ, इ, ...  
 □□, □□, □□□, ...  
 १, २, ३, ...  
 क, ख, ग, ...  
 一, 一〇, 一〇〇, ...  
 (一), (二), (三), ...  
 壹, 貳, 參, ...  
 甲, 乙, 丙, ...  
 子, 丑, 寅, ...  
 甲子, 乙丑, 丙寅, ...  
 一, 二, 八, ...  
 一, 二, 八, ...  
 一, 二, 三 ...  
 一, 二, 三, 万, ...  
 壹, 貳, 參, ...  
 일, 이, 삼, ...  
 일, 일영, 일영영, ...  
 一, 一零, 一零零, ...  
 하나, 둘, 셋, ...  
 - 1 -, - 2 -, - 3 -, ...  
 1st, 2nd, 3rd, ...  
 First, Second, Third, ...  
 a, б, в, ...  
 A, Б, В, ...  
 一, 十, 一〇〇(繁), ...  
 一, 十, 一百 (繁), ...  
 一, 一〇, 一〇〇(繁), ...  
 □□□□, ஸ ௦ ௩, ஸ ௩ ௩, ...  
 π, ॲ, ॳ, ...  
 ๑, ๒, ๓, ...

- n. *The standard defines the attribute `text:start-numbering-at`, contained within the element `<text:notes-configuration>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- o. *The standard defines the attribute `text:start-value`, contained within the element `<text:notes-configuration>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- p. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.556 Section 14.9.3, Bibliography Configuration**

- a. *The standard defines the element `<text:bibliography-configuration>`*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.557 Section 14.10, List Style**

- a. *The standard defines the element `<text:list-style>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:display-name`, contained within the element `<text:list-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- c. *The standard defines the attribute `style:name`, contained within the element `<text:list-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- d. *The standard defines the attribute `text:consecutive-numbering`, contained within the element `<text:list-style>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `style:display-name`, contained within the element `<text:list-style>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`

- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, and for SmartArt.

g. *The standard defines the attribute style:name, contained within the element <text:list-style>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, and for SmartArt.

h. *The standard defines the attribute text:consecutive-numbering, contained within the element <text:list-style>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes.

i. *The standard defines the attribute style:display-name, contained within the element <text:list-style>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

j. *The standard defines the attribute style:name, contained within the element <text:list-style>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

k. *The standard defines the attribute text:consecutive-numbering, contained within the element <text:list-style>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.558 Section 14.10.1, Common List-Level Style Attributes**

a. *The standard defines the attribute text:level*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the attribute text:level*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>



- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes, shapes, and SmartArt.

d. *The standard defines the attribute text:level*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.559 Section 14.10.2, Number Level Style**

a. *The standard defines the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. *The standard defines the attribute style:num-prefix, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

c. *The standard defines the attribute style:num-suffix, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

d. *The standard defines the attribute text:display-levels, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

e. *The standard defines the attribute text:level, contained within the element <text:list-level-style-number>, contained within the parent element <text:list-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. The standard defines the attribute `text:num-format`, contained within the element `<text:list-level-style-number>`, contained within the parent element `<text:list-style>`

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

182. On load, numbering formats that are not familiar to Word will be displayed using the Arabic numeral format (1, 2, 3...).
183. On save and load, the following strings are also supported by Word as numbering formats:

٧ , ١ , ٥ , ...

ア , イ , ウ , ...

أ , ب , ج , ...

ا , ب , ت , ...

One, Two, Three, ...

\* , † , ‡ , ...

一 , 十 , 一〇〇(简), ...

一 , 十 , 一百 (简), ...

壹, 貳, 叁, ...

ㄱ , ㄴ , ㄷ , ...

①, ②, ③, ...

①, ②, ③, ...

1., 2., 3., ...

(1), (2), (3), ...

1 , 2 , 3 , ...

01, 02, 03, ...

가 , 나 , 다 , ...

κ , λ , μ , ...

κ , λ , μ , ...

1, A, B, ...

अ , आ , इ , ...

□□ , □□ , □□□ , ...

१ , २ , ३ , ...

क , ख , ग , ...

一 , 一〇 , 一〇〇 , ...

(一) , (二) , (三) , ...

壹 , 貳 , 參 , ...

甲,乙,丙, ...  
子,丑,寅, ...  
甲子, 乙丑, 丙寅, ...  
イ, 口, 八, ...  
イ, 口, 八, ...  
一, 二, 三 ...  
一, 二, 三, 万, ...  
壹, 貳, 参, ...  
일, 이, 삼, ...  
일, 일영, 일영영, ...  
一, 一零, 一零零, ...  
하나, 둘, 셋, ...  
- 1 -, 2 -, 3 -, ...  
1st, 2nd, 3rd, ...  
First, Second, Third, ...  
a, б, в, ...  
A, Б, В, ...  
一, 十, 一〇〇(繁), ...  
一, 十, 一百 (繁), ...  
一, 一〇, 一〇〇(繁), ...  
□□□□, ส อ ง , ส ๗ ม , ...  
π , ϑ , ϕ , ...  
๑ , ๒ , ๓ , ...  
A, Ç, Ĝ, ...  
a, ç, ĝ, ...  
A, Ў, Ђ, ...  
a, ъ, у, ...  
A, B, Г, ...  
α, β, γ, ...  
001,002, 003, ...  
0001,0002, 0003, ...  
00001,00002, 00003, ...

- g. *The standard defines the attribute `text:start-value`, contained within the element `<text:list-level-style-number>`, contained within the parent element `<text:list-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the attribute `text:style-name`, contained within the element `<text:list-level-style-number>`, contained within the parent element `<text:list-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `style:num-format`, contained within the element `<text:list-level-style-number>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

And on save for text in text boxes and shapes.

- k. *The standard defines the attribute `text:display-levels`, contained within the element `<text:list-level-style-number>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

And on save for text in text boxes and shapes.

- l. *The standard defines the attribute `text:level`, contained within the element `<text:list-level-style-number>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes.

- m. *The standard defines the attribute text:start-value, contained within the element <text:list-level-style-number>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes.

- n. *The standard defines the attribute text:style-name, contained within the element <text:list-level-style-number>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes.

- o. *The standard defines the attribute style:num-format, contained within the element <text:list-level-style-number>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- p. *The standard defines the attribute `text:display-levels`, contained within the element `<text:list-level-style-number>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- q. *The standard defines the attribute `text:level`, contained within the element `<text:list-level-style-number>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- r. *The standard defines the attribute `text:start-value`, contained within the element `<text:list-level-style-number>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- s. *The standard defines the attribute `text:style-name`, contained within the element `<text:list-level-style-number>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.560 Section 14.10.3, Bullet Level Style**

- a. *The standard defines the element `<text:list-level-style-bullet>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:num-prefix`, contained within the element `<text:list-level-style-bullet>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt.

- c. *The standard defines the attribute `style:num-suffix`, contained within the element `<text:list-level-style-bullet>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt.

- d. *The standard defines the attribute `text:bullet-char`, contained within the element `<text:list-level-style-bullet>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- e. *The standard defines the attribute `text:bullet-relative-size`, contained within the element `<text:list-level-style-bullet>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt.

- f. *The standard defines the attribute `text:level`, contained within the element `<text:list-level-style-bullet>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- g. *The standard defines the attribute `text:style-name`, contained within the element `<text:list-level-style-bullet>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt.

- h. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:num-prefix`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, and for SmartArt.

- j. *The standard defines the attribute `style:num-suffix`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`.



OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, and for SmartArt.

- k. *The standard defines the attribute `text:bullet-char`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, and for SmartArt.

- l. *The standard defines the attribute `text:bullet-relative-size`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, and for SmartArt.

- m. *The standard defines the attribute `text:level`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`

- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes and for SmartArt Graphics.

- n. *The standard defines the attribute text:style-name, contained within the element <text:list-level-style-bullet>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes and SmartArt.

- o. *The standard defines the attribute style:num-prefix, contained within the element <text:list-level-style-bullet>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- p. *The standard defines the attribute style:num-suffix, contained within the element <text:list-level-style-bullet>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

q. *The standard defines the attribute `text:bullet-char`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

r. *The standard defines the attribute `text:bullet-relative-size`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

s. *The standard defines the attribute `text:level`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>

- <draw:frame>
  - <draw:custom-shape>.
- t. *The standard defines the attribute text:style-name, contained within the element <text:list-level-style-bullet>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.561 Section 14.10.4, Image Level Style**

- a. *The standard defines the element <office:binary-data>, contained within the parent element <text:list-level-style-image>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:list-level-style-image>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute text:level, contained within the element <text:list-level-style-image>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute xlink:href, contained within the element <text:list-level-style-image>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the element <office:binary-data>, contained within the parent element <text:list-level-style-image>*

OfficeArt Math in Excel 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>

- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes.

- g. *The standard defines the attribute `text:level`, contained within the element `<text:list-level-style-image>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes.

- h. *The standard defines the attribute `xlink:href`, contained within the element `<text:list-level-style-image>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

And on save for text in text boxes and shapes.

- i. *The standard defines the element `<office:binary-data>`, contained within the parent element `<text:list-level-style-image>`*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>.
- j. *The standard defines the attribute `text:level`, contained within the element `<text:list-level-style-image>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>.
- k. *The standard defines the attribute `xlink:href`, contained within the element `<text:list-level-style-image>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.562 Section 14.10.5, List Level Style Example**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 supports this on save for text in text boxes and shapes, and for SmartArt.

c. OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.563 Section 14.11, Outline Style**

a. *The standard defines the element <text:outline-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the attribute text:outline-style*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.564 Section 14.11.1, Outline Level Style**

a. *The standard defines the element <text:outline-level-style>, contained within the parent element <text:outline-style>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. *The standard defines the attribute style:num-prefix, contained within the element <text:outline-level-style>, contained within the parent element <text:outline-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

c. *The standard defines the attribute style:num-suffix, contained within the element <text:outline-level-style>, contained within the parent element <text:outline-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

d. *The standard defines the attribute text:display-level, contained within the element <text:outline-level-style>, contained within the parent element <text:outline-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

e. *The standard defines the attribute text:level, contained within the element <text:outline-level-style>, contained within the parent element <text:outline-style>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `text:num-format`, contained within the element `<text:outline-level-style>`, contained within the parent element `<text:outline-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute `text:start-value`, contained within the element `<text:outline-level-style>`, contained within the parent element `<text:outline-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the attribute `text:style-name`, contained within the element `<text:outline-level-style>`, contained within the parent element `<text:outline-style>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.565 Section 14.12, Table Styles**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the property "table", contained within the attribute `style:family`, contained within the element `<style:style>`*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.566 Section 14.12.1, Table Styles**

- a. *The standard defines the property "table", contained within the attribute `family`, contained within the element `<style:style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

### **2.1.567 Section 14.12.2, Table Column Styles**

- a. *The standard defines the property "table-column", contained within the attribute `family`, contained within the element `<style:style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

### **2.1.568 Section 14.12.3, Table Row Styles**

- a. *The standard defines the property "table-row", contained within the attribute `family`, contained within the element `<style:style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

### **2.1.569 Section 14.12.4, Table Cell Styles**

- a. *The standard defines the property "table-cell", contained within the attribute `family`, contained within the element `<style:style>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.



## 2.1.570 Section 14.13, Graphic Styles

a. Word 2013 supports this for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

b. Excel 2013 supports this for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

c. PowerPoint 2013 supports this for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

## 2.1.571 Section 14.13.1, Graphic and Presentation Styles

- a. *The standard defines the element <style:graphic-properties>*

Word 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- b. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:style>*

Word 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the element <style:graphic-properties>*

Excel 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>

- <draw:measure>
  - <draw:g>
  - <draw:frame>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- d. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:style>*

Excel 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- e. *The standard defines the element <style:graphic-properties>*

PowerPoint 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- f. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:style>*

PowerPoint 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:connector>
  - <draw:caption>
  - <draw:measure>
  - <draw:g>
  - <draw:frame>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- g. *The standard defines the property "presentation", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.572 Section 14.13.2, Drawing Page Style**

- a. *The standard defines the property "drawing-page", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.573 Section 14.14, Enhanced Graphic Style Elements**

- a. *The standard defines the parent element <office:styles>*

Word 2013 supports this for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- b. *The standard defines the parent element <office:styles>*

Excel 2013 supports this for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

c. *The standard defines the parent element <office:styles>*

PowerPoint 2013 supports this for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

### **2.1.574 Section 14.14.1, Gradient**

a. *The standard defines the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

b. *The standard defines the attribute draw:angle, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The draw:angle attribute is only supported when draw:gradient-style attribute is set to "linear".

- c. *The standard defines the attribute draw:border, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- d. *The standard defines the attribute draw:cx, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- e. *The standard defines the attribute draw:cy, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

f. *The standard defines the attribute draw:display-name, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

g. *The standard defines the attribute draw:end-color, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

h. *The standard defines the attribute draw:end-intensity, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>

- <draw:text-box>
  - <draw:custom-shape>
- i. *The standard defines the property "axial", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- j. *The standard defines the property "ellipsoid", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

Word interprets this enumeration as "radial".

- k. *The standard defines the property "linear", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>



- <draw:custom-shape>
- l. *The standard defines the property "radial", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- m. *The standard defines the property "rectangular", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

Word interprets this enumeration as "square".

- n. *The standard defines the property "square", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- o. *The standard defines the attribute `draw:name`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Word 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- p. *The standard defines the attribute `draw:start-color`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Word 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- q. *The standard defines the attribute `draw:start-intensity`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Word 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- r. *The standard defines the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this element for a style applied to the following elements:

- `<draw:rect>`

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- s. *The standard defines the attribute draw:angle, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The draw:angle attribute is only supported when draw:gradient-style attribute is set to "linear".

- t. *The standard defines the attribute draw:border, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- u. *The standard defines the attribute draw:cx, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- v. *The standard defines the attribute `draw:cy`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- w. *The standard defines the attribute `draw:display-name`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- x. *The standard defines the attribute `draw:end-color`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- y. *The standard defines the attribute `draw:end-intensity`, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- z. *The standard defines the property "axial", contained within the attribute `draw:gradient-style`, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- aa. *The standard defines the property "ellipsoid", contained within the attribute `draw:gradient-style`, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>

- <draw:custom-shape>

Excel interprets this enumeration as the value "radial".

- bb. *The standard defines the property "linear", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- cc. *The standard defines the property "radial", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- dd. *The standard defines the property "rectangular", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

Excel 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

Excel interprets this enumeration as "square".

- ee. *The standard defines the property "square", contained within the attribute `draw:gradient-style`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this enum for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- ff. *The standard defines the attribute `draw:name`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- gg. *The standard defines the attribute `draw:start-color`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- hh. *The standard defines the attribute `draw:start-intensity`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- ii. *The standard defines the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- jj. *The standard defines the attribute draw:angle, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

The draw:angle attribute is only supported when draw:gradient-style attribute is set to "linear".

- kk. *The standard defines the attribute draw:border, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:



- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

ll. *The standard defines the attribute `draw:cx`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

mm. *The standard defines the attribute `draw:cy`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

nn. *The standard defines the attribute `draw:display-name`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

oo. *The standard defines the attribute `draw:end-color`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

pp. *The standard defines the attribute `draw:end-intensity`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

qq. *The standard defines the property "axial", contained within the attribute `draw:gradient-style`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>

- <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- rr. *The standard defines the property "ellipsoid", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

PowerPoint interprets this enumeration as "radial".

- ss. *The standard defines the property "linear", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- tt. *The standard defines the property "radial", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>

- <draw:text-box>
- <draw:custom-shape>

uu. *The standard defines the property "rectangular", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

PowerPoint interprets this enumeration as "square".

vv. *The standard defines the property "square", contained within the attribute draw:gradient-style, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

ww. *The standard defines the attribute draw:name, contained within the element <draw:gradient>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- xx. *The standard defines the attribute `draw:start-color`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- yy. *The standard defines the attribute `draw:start-intensity`, contained within the element `<draw:gradient>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

### **2.1.575 Section 14.14.2, SVG Gradients**

- a. *The standard defines the element `<svg:linearGradient>`, contained within the parent element `<office:styles>`*

Word 2013 does not support this element for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- b. *The standard defines the element `<svg:radialGradient>`, contained within the parent element `<office:styles>`*

Word 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- c. *The standard defines the element <svg:linearGradient>, contained within the parent element <office:styles>*

Excel 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- d. *The standard defines the element <svg:radialGradient>, contained within the parent element <office:styles>*

Excel 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- e. *The standard defines the element <svg:linearGradient>, contained within the parent element <office:styles>*

PowerPoint 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- f. *The standard defines the element <svg:radialGradient>, contained within the parent element <office:styles>*

PowerPoint 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

#### **2.1.576 Section 14.14.3, Hatch**

- a. *The standard defines the element <draw:hatch>, contained within the parent element <office:styles>*

Word 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- b. *The standard defines the element <draw:hatch>, contained within the parent element <office:styles>*

Excel 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- c. *The standard defines the element <draw:hatch>, contained within the parent element <office:styles>*

PowerPoint 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

### **2.1.577 Section 14.14.4, Fill Image**

- a. *The standard defines the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 supports this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- b. *The standard defines the attribute draw:display-name, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>



- <draw:text-box>
  - <draw:custom-shape>
- c. *The standard defines the attribute draw:name, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- d. *The standard defines the attribute svg:height, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- e. *The standard defines the attribute svg:width, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- f. *The standard defines the attribute xlink:actuate, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- g. *The standard defines the attribute `xlink:href`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

Relative URIs are not supported, only absolute URIs are supported.

- h. *The standard defines the attribute `xlink:show`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- i. *The standard defines the attribute `xlink:type`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- j. *The standard defines the element <draw:fill-image>, contained within the parent element <office:styles>*

Excel 2013 supports this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- k. *The standard defines the attribute draw:display-name, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- l. *The standard defines the attribute draw:name, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- m. *The standard defines the attribute `svg:height`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- n. *The standard defines the attribute `svg:width`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- o. *The standard defines the attribute `xlink:actuate`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- p. *The standard defines the attribute `xlink:href`, contained within the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

Relative URIs are not supported, only absolute URIs are supported.

- q. *The standard defines the attribute `xlink:show`, contained within the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- r. *The standard defines the attribute `xlink:type`, contained within the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- s. *The standard defines the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

t. *The standard defines the attribute `draw:display-name`, contained within the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

u. *The standard defines the attribute `draw:name`, contained within the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

v. *The standard defines the attribute `svg:height`, contained within the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- w. *The standard defines the attribute `svg:width`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- x. *The standard defines the attribute `xlink:actuate`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- y. *The standard defines the attribute `xlink:href`, contained within the element <draw:fill-image>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>

- <draw:text-box>
- <draw:custom-shape>

Relative URIs are not supported, only absolute URIs are supported.

- z. *The standard defines the attribute `xlink:show`, contained within the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- aa. *The standard defines the attribute `xlink:type`, contained within the element `<draw:fill-image>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

### **2.1.578 Section 14.14.5, Opacity Gradient**

- a. *The standard defines the element `<draw:opacity>`, contained within the parent element `<office:styles>`*

Word 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>



- <draw:custom-shape>
- b. *The standard defines the element <draw:opacity>, contained within the parent element <office:styles>*

Excel 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the element <draw:opacity>, contained within the parent element <office:styles>*

PowerPoint 2013 does not support this element for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

### **2.1.579 Section 14.14.6, Marker**

- a. *The standard defines the element <draw:marker>, contained within the parent element <office:styles>*

Word 2013 supports this element for a style applied to any of the following elements:

- <draw:line>
- <draw:connector>
- <draw:measure>

Word interprets all marker styles as "solid arrow".

- b. *The standard defines the attribute <draw:display-name>, contained within the element <draw:marker>, contained within the parent element <office:styles>*

Word 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:line>
- <draw:connector>
- <draw:measure>

- c. *The standard defines the attribute `draw:name`, contained within the element `<draw:marker>`, contained within the parent element `<office:styles>`*

Word 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:line>`
- `<draw:connector>`
- `<draw:measure>`

- d. *The standard defines the element `<draw:marker>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this element for a style applied to any of the following elements:

- `<draw:line>`
- `<draw:connector>`
- `<draw:measure>`

Excel interprets all marker styles as "solid arrow".

- e. *The standard defines the attribute `draw:display-name`, contained within the element `<draw:marker>`, contained within the parent element `<office:styles>`*

Excel 2013 does not support this attribute for a style applied to any of the following elements:

- `<draw:line>`
- `<draw:connector>`
- `<draw:measure>`

- f. *The standard defines the attribute `draw:name`, contained within the element `<draw:marker>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:line>`
- `<draw:connector>`
- `<draw:measure>`

- g. *The standard defines the element `<draw:marker>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this element for a style applied to any of the following elements:

- `<draw:line>`
- `<draw:connector>`
- `<draw:measure>`

PowerPoint interprets all marker styles as "solid arrow".

- h. *The standard defines the attribute `draw:display-name`, contained within the element `<draw:marker>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 does not support this attribute for a style applied to any of the following elements:

- `<draw:line>`
- `<draw:connector>`
- `<draw:measure>`

- i. *The standard defines the attribute `draw:name`, contained within the element `<draw:marker>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- <draw:line>
- <draw:connector>
- <draw:measure>

### **2.1.580 Section 14.14.7, Stroke Dash**

- a. *The standard defines the element <draw:stroke-dash>, contained within the parent element <office:styles>*

Word 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- b. *The standard defines the attribute draw:display-name, contained within the element <draw:stroke-dash>, contained within the parent element <office:styles>*

Word 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute draw:distance, contained within the element <draw:stroke-dash>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>

- <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:connector>
  - <draw:caption>
  - <draw:measure>
  - <draw:g>
  - <draw:frame>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- d. *The standard defines the attribute draw:dots1, contained within the element <draw:stroke-dash>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
  - <draw:line>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:connector>
  - <draw:caption>
  - <draw:measure>
  - <draw:g>
  - <draw:frame>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- e. *The standard defines the attribute draw:dots1-length, contained within the element <draw:stroke-dash>, contained within the parent element <office:styles>*

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- f. *The standard defines the attribute `draw:dots2`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Word 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- g. *The standard defines the attribute `draw:dots2-length`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Word 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- h. *The standard defines the attribute `draw:name`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Word 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`

- <draw:measure>
  - <draw:g>
  - <draw:frame>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- i. *The standard defines the attribute `draw:style`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

Word interprets all styles as "rect".

- j. *The standard defines the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- k. *The standard defines the attribute `draw:display-name`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Excel 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- l. *The standard defines the attribute `draw:distance`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- m. *The standard defines the attribute `draw:dots1`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- n. *The standard defines the attribute `draw:dots1-length`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- o. *The standard defines the attribute `draw:dots2`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- p. *The standard defines the attribute `draw:dots2-length`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`



- <draw:measure>
  - <draw:g>
  - <draw:frame>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- q. *The standard defines the attribute draw:name, contained within the element <draw:stroke-dash>, contained within the parent element <office:styles>*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
  - <draw:line>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:connector>
  - <draw:caption>
  - <draw:measure>
  - <draw:g>
  - <draw:frame>
  - <draw:image>
  - <draw:text-box>
  - <draw:custom-shape>
- r. *The standard defines the attribute draw:style, contained within the element <draw:stroke-dash>, contained within the parent element <office:styles>*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

Excel interprets all styles as 'rect'.

- s. *The standard defines the element <draw:stroke-dash>, contained within the parent element <office:styles>*

PowerPoint 2013 supports this element for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- t. *The standard defines the attribute `draw:display-name`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 does not support this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- u. *The standard defines the attribute `draw:distance`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

- v. *The standard defines the attribute `draw:dots1`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- w. *The standard defines the attribute `draw:dots1-length`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>`
- `<draw:image>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- x. *The standard defines the attribute `draw:dots2`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`

- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

y. *The standard defines the attribute `draw:dots2-length`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

z. *The standard defines the attribute `draw:name`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

aa. *The standard defines the attribute `draw:style`, contained within the element `<draw:stroke-dash>`, contained within the parent element `<office:styles>`*

PowerPoint 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

PowerPoint interprets all styles as "rect".

### **2.1.581 Section 14.15, Presentation Page Layouts**

- a. *The standard defines the element <style:presentation-page-layout>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint ignores presentation page layouts. On save, PowerPoint writes out presentation page layouts.

- b. *The standard defines the attribute style:display-name, contained within the element <style:presentation-page-layout>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the attribute style:name, contained within the element <style:presentation-page-layout>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.582 Section 14.15.1, Presentation Placeholder**

- a. *The standard defines the element <presentation:placeholder>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the attribute presentation:object, contained within the element <presentation:placeholder>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the attribute svg:height, contained within the element <presentation:placeholder>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- d. *The standard defines the attribute svg:width, contained within the element <presentation:placeholder>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- e. *The standard defines the attribute `svg:x`, contained within the element `<presentation:placeholder>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- f. *The standard defines the attribute `svg:y`, contained within the element `<presentation:placeholder>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.583 Section 15, Formatting Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

Word 2013 supports this for a style applied to any of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>` element containing a `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

- b. *The standard defines the element `<style:graphic-properties>`*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the element `<style:header-footer-properties>`*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the element `<style:list-level-properties>`*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt.

- e. *The standard defines the element `<style:page-layout-properties>`*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the element `<style:paragraph-properties>`*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- g. *The standard defines the element <style:ruby-properties>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- h. *The standard defines the element <style:section-properties>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- i. *The standard defines the element <style:table-cell-properties>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- j. *The standard defines the element <style:table-column-properties>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- k. *The standard defines the element <style:table-properties>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- l. *The standard defines the element <style:table-row-properties>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- m. *The standard defines the element <style:text-properties>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- n. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 supports this for a style applied to one of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- p. *The standard defines the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

q. *The standard defines the element <style:header-footer-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

r. *The standard defines the element <style:list-level-properties>*

OfficeArt Math in Excel 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>



- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, and for SmartArt.

s. *The standard defines the element <style:page-layout-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

t. *The standard defines the element <style:paragraph-properties>*

OfficeArt Math in Excel 2013 supports this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

u. *The standard defines the element <style:ruby-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

v. *The standard defines the element <style:section-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

w. *The standard defines the element <style:table-cell-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

x. *The standard defines the element <style:table-column-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

y. *The standard defines the element <style:table-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

*z. The standard defines the element <style:table-row-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

*aa. The standard defines the element <style:text-properties>*

OfficeArt Math in Excel 2013 supports this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

bb. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

cc. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 supports this for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

dd. *The standard defines the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

ee. *The standard defines the element <style:header-footer-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

ff. *The standard defines the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

gg. *The standard defines the element <style:page-layout-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

hh. *The standard defines the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

ii. *The standard defines the element <style:ruby-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

jj. *The standard defines the element <style:section-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

kk. *The standard defines the element <style:table-cell-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

ll. *The standard defines the element <style:table-column-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

mm. *The standard defines the element <style:table-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

nn. *The standard defines the element <style:table-row-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

oo. *The standard defines the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>



- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.584 Section 15.1, Simple and Complex Formatting Properties**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.
- b. *The standard defines the parent element <style:graphic-properties>*

Word 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- d. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

e. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

f. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

### **2.1.585 Section 15.1.1, Simple Formatting Properties**

a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.

b. *The standard defines the parent element <style:graphic-properties>*

Word 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

d. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- e. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- f. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

## **2.1.586 Section 15.1.2, Complex Formatting Properties**

- a. OfficeArt Math in Word 2013 supports this on save for text in SmartArt and chart titles and labels.
- b. *The standard defines the parent element <style:graphic-properties>*

Word 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- d. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- e. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

OfficeArt Math in PowerPoint 2013 supports this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- f. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

### **2.1.587 Section 15.1.3, Processing Rules for Formatting Properties**

- a. OfficeArt Math in Word 2013 does not support this on save for text in SmartArt and chart titles and labels.
- b. *The standard defines the parent element <style:graphic-properties>*

Word 2013 does not support this for a style applied to one of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g> or <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Custom formatting attributes and elements (not defined in the ODF version 1.1 spec) are not preserved.

- c. OfficeArt Math in Excel 2013 does not support this on load for text in any of the following elements:
- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>

- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

d. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 does not support this for a style applied to one of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Custom formatting attributes and elements (not defined in the standard) are not preserved.

e. OfficeArt Math in PowerPoint 2013 does not support this on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

f. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 does not support this for a style applied to one of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Custom formatting attributes and elements (not defined in the standard) are not preserved.

### **2.1.588 Section 15.2, Page Layout Formatting Properties**

- a. *The standard defines the element <style:page-layout-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <style:page-layout-properties>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.589 Section 15.2.1, Page Size**

- a. *The standard defines the attribute fo:page-height, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute fo:page-width, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute fo:page-height, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute fo:page-width, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute fo:page-height, contained within the element <style:page-layout-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- f. *The standard defines the attribute fo:page-width, contained within the element <style:page-layout-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.590 Section 15.2.2, Page Number Format**

- a. *The standard defines the attribute style:num-prefix, contained within the element <style:page-layout-properties>*



This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:num-suffix, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute text:num-format, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute style:num-format, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute style:num-prefix, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute style:num-suffix, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute style:num-format, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- h. *The standard defines the attribute style:num-prefix, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- i. *The standard defines the attribute style:num-suffix, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.591 Section 15.2.3, Paper Tray**

- a. *The standard defines the attribute style:paper-tray-name, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:paper-tray-name, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:paper-tray-name, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.592 Section 15.2.4, Print Orientation**

- a. *The standard defines the attribute `style:print-orientation`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:print-orientation`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `style:print-orientation`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint ignores this attribute, but writes it out on save.

### **2.1.593 Section 15.2.5, Margins**

- a. *The standard defines the attribute `fo:margin`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `fo:margin-bottom`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `fo:margin-left`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `fo:margin-right`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute `fo:margin-top`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `fo:margin`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `fo:margin-bottom`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute fo:margin-left, contained within the element <style:page-layout-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute fo:margin-right, contained within the element <style:page-layout-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute fo:margin-top, contained within the element <style:page-layout-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the attributes in the <style:page-layout-properties> element and calculates values as follows:

The header size is set to the value of the fo:margin-top attribute.

The footer size is set to the value of the fo:margin-bottom attribute.

The right margin size is set to the value of the fo:margin-right attribute.

The left margin size is set to the value of the fo:margin-left attribute.

The top margin size is set:

- to the value of the fo:margin-top attribute and the value of the fo:margin-bottom attribute of the <style:header-footer-properties> element that is contained in the <style:header-style> element.
- and to the value of fo:min-height attribute of the <style:header-footer-properties> element that is contained in the <style:header-style> element.

The bottom margin size is set:

- to the value of the fo:margin-bottom attribute and the value of the fo:margin-top attribute of the <style:header-footer-properties> element that is contained in the <style:header-style> element.
- and to the value of fo:min-height attribute of the <style:header-footer-properties> element that is contained in the <style:header-style> element.

On save, Excel writes values for attributes in the <style:page-layout-properties> element as follows:

- Excel writes the fo:margin-top attribute as the value of the top margin size, or the header size, whichever is less.
- Excel writes the fo:margin-bottom attribute as the value of the bottom margin size or the footer size, whichever is less.
- Excel writes the fo:margin-left attribute as the value of the left margin size.
- Excel writes the fo:margin-right attribute as the value of the right margin size.

On save, Excel writes values for properties in the <style:header-footer-properties> element of the <style:header-style> element's as follows:

- Excel writes the fo:min-height attribute as the top margin size minus the header size. If this value is less than or equal to 0, the value is written as "0".
- Excel writes the fo:margin-left attribute as the left margin size.
- Excel writes the fo:margin-right attribute as the right margin size.
- Excel writes the fo:margin-bottom attribute as "0".

On save, Excel writes values for properties in the <style:footer-style> element's <style:header-footer-properties> element as follows:

Excel writes the fo:min-height attribute as the bottom margin size minus the footer size. If this value is less than or equal to 0, the value is written as "0".

Excel writes the fo:margin-left attribute as the left margin size.

Excel writes the fo:margin-right attribute as the value of the right margin size.

Excel writes the fo:margin-top as the value "0".

On save, Excel always writes the style:display attribute of the <style:header> element as "true".

On save, Excel always writes the style:display attribute of the <style:footer> element as "true".

- k. *The standard defines the attribute fo:margin, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the attribute fo:margin-bottom, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute fo:margin-left, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute fo:margin-right, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *The standard defines the attribute fo:margin-top, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.594 Section 15.2.6, Border**

- a. *The standard defines the attribute fo:border, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

184. Page borders with widths that cannot be generated by Word are normalized to the default border width.

185. The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width, and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

- b. *The standard defines the attribute fo:border-bottom, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

186. Page borders with widths that cannot be generated by Word are normalized to the default border width.

187. The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width, and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

- c. *The standard defines the attribute fo:border-left, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

188. Page borders with widths that cannot be generated by Word are normalized to the default border width.

189. The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width, and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

- d. *The standard defines the attribute fo:border-right, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

190. Page borders with widths that cannot be generated by Word are normalized to the default border width.

191. The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width, and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

- e. *The standard defines the attribute fo:border-top, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

192. Page borders with widths that cannot be generated by Word are normalized to the default border width.

193. The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width, and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

- f. *The standard defines the attribute fo:border, contained within the element <style:page-layout-properties>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- g. *The standard defines the attribute fo:border-bottom, contained within the element <style:page-layout-properties>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- h. *The standard defines the attribute fo:border-left, contained within the element <style:page-layout-properties>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- i. *The standard defines the attribute fo:border-right, contained within the element <style:page-layout-properties>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- j. *The standard defines the attribute fo:border-top, contained within the element <style:page-layout-properties>*  
This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- k. *The standard defines the attribute fo:border, contained within the element <style:page-layout-properties>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- l. *The standard defines the attribute fo:border-bottom, contained within the element <style:page-layout-properties>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- m. *The standard defines the attribute fo:border-left, contained within the element <style:page-layout-properties>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- n. *The standard defines the attribute fo:border-right, contained within the element <style:page-layout-properties>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- o. *The standard defines the attribute fo:border-top, contained within the element <style:page-layout-properties>*  
This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.595 Section 15.2.7, Border Line Width**

- a. *The standard defines the attribute style:border-line-width, contained within the element <style:page-layout-properties>*  
This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word ignores this property on load, but writes it out on save for double borders.

- b. *The standard defines the attribute `style:border-line-width-bottom`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word ignores this property on load, but writes it out on save for double borders.

- c. *The standard defines the attribute `style:border-line-width-left`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word ignores this property on load, but writes it out on save for double borders.

- d. *The standard defines the attribute `style:border-line-width-right`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word ignores this property on load, but writes it out on save for double borders.

- e. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word ignores this property on load, but writes it out on save for double borders

- f. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `style:border-line-width-bottom`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `style:border-linewidth-left`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:border-line-width-right`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the attribute `style:border-line-width-bottom`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute `style:border-line-width-right`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.596 Section 15.2.8, Padding**

- a. *The standard defines the attribute `fo:padding`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `fo:padding-right`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `fo:padding`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.



- i. *The standard defines the attribute fo:padding-top, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute fo:padding, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *The standard defines the attribute fo:padding-bottom, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the attribute fo:padding-left, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute fo:padding-right, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the attribute fo:padding-top, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.597 Section 15.2.9, Shadow**

- a. *The standard defines the attribute style:shadow, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

All values for style:shadow property map to the default page border shadow in Word.

- b. *The standard defines the attribute style:shadow, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:shadow, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.598 Section 15.2.10, Background**

- a. *The standard defines the attribute fo:background-color, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <style:background-image>, contained within the parent element <style:page-layout-properties>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute fo:background-color, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute fo:background-color, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the attribute style:background-image, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.599 Section 15.2.11, Columns**

- a. *The standard defines the element <style:columns>, contained within the parent element <style:page-layout-properties>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute style:columns, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.600 Section 15.2.12, Register-truth**

- a. *The standard defines the attribute style:register-truth-ref-style, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:register-truth-ref-style-name, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:register-truth-ref-style-name, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.601 Section 15.2.13, Print**

- a. *The standard defines the attribute style:print, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:print, contained within the element <style:page-layout-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel only reads the following values: headers, grid, and annotations. On save, Excel only writes the following values: objects, charts, and drawings.

- c. *The standard defines the property "annotations", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the property "charts", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the property "drawings", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "formulas", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the property "grid", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the property "headers", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the property "objects", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the property "zero-values", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute style:print, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.602 Section 15.2.14, Print Page Order**

- a. *The standard defines the attribute style:print-page-order, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:print-page-order`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `style:print-page-order`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.603 Section 15.2.15, First Page Number**

- a. *The standard defines the attribute `style:first-page-number`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:first-page-number`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `style:first-page-number`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.604 Section 15.2.16, Scale**

- a. *The standard defines the attribute `style:scale-to`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:scale-to-pages`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `style:scale-to`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the attribute `style:scale-to-pages`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `style:scale-to`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the attribute `style:scale-to-pages`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.605 Section 15.2.17, Table Centering**

- a. *The standard defines the attribute `style:table-centering`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:table-centering`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `style:table-centering`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.606 Section 15.2.18, Maximum Footnote Height**

- a. *The standard defines the attribute `style:footnote-max-height`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:footnote-max-height`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:footnote-max-height`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.607 Section 15.2.19, Writing Mode**

- a. *The standard defines the property `"lr"`, contained within the attribute `style:writing-mode`, contained within the element `<style:page-layout-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

For all unsupported values of the `style:writing-mode` attribute, Word maps to the default text direction, based on the locale of the application.

- b. *The standard defines the property `"lr-tb"`, contained within the attribute `style:writing-mode`, contained within the element `<style:page-layout-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property `"page"`, contained within the attribute `style:writing-mode`, contained within the element `<style:page-layout-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

For all unsupported values of the style:writing-mode attribute, Word maps to the default text direction, based on the locale of the application.

- d. *The standard defines the property "rl", contained within the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

For all unsupported values of the style:writing-mode attribute, Word maps to the default text direction, based on the locale of the application.

- e. *The standard defines the property "rl-tb", contained within the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the property "tb", contained within the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

For all unsupported values of the style:writing-mode attribute, Word maps to the default text direction, based on the locale of the application.

- g. *The standard defines the property "tb-lr", contained within the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the property "tb-rl", contained within the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.608 Section 15.2.20, Footnote Separator**

- a. *The standard defines the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:adjustment, contained within the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute style:color, contained within the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute style:distance-after-sep, contained within the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute style:distance-before-sep, contained within the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute style:line-style, contained within the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load and on save, Word supports the following line styles for the style:line-style attribute: "solid", "dotted", "dashed", and "none". All other line styles map to a default of "solid".

- g. *The standard defines the attribute style:rel-width, contained within the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, all values for the style:rel-width attribute map to a default footnote separator width.

- h. *The standard defines the attribute style:width, contained within the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, all values for the style:width attribute map to a default footnote separator width.

- i. *The standard defines the element <style:footnote-sep>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute style:adjustment, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute style:color, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute style:distance-after-sep, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute style:distance-before-sep, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute style:line-style, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute `style:rel-width`, contained within the element `<style:footnote-sep>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the attribute `style:width`, contained within the element `<style:footnote-sep>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the attribute `style:footnote-sep`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the element `<style:footnote-sep>`, contained within the parent element `<style:page-layout-properties>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.609 Section 15.2.21, Layout Grid**

- a. *The standard defines the attribute `style:layout-grid-mode`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:layout-grid-mode`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:layout-grid-mode`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.610 Section 15.2.22, Layout Grid Base Height**

- a. *The standard defines the attribute `style:layout-grid-base-height`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load Word uses `style:layout-grid-base-height` and `style:layout-grid-ruby-height` properties to calculate the number of lines per page. If either of these properties is missing then `style:layout-grid-lines` is used. However, Word does not save the `style:layout-grid-base-height` property.

- b. *The standard defines the attribute `style:layout-grid-base-height`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:layout-grid-base-height`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.



### **2.1.611 Section 15.2.23, Layout Grid Ruby Height**

- a. *The standard defines the attribute style:layout-grid-ruby-height, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load Word uses style:layout-grid-ruby-height and style:layout-grid-base-height properties to calculate the number of lines per page. If either of these properties is missing then style:layout-grid-lines property is used. However, Word does not save the style:layout-grid-ruby-height property.

- b. *The standard defines the attribute style:layout-grid-ruby-height, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:layout-grid-ruby-height, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.612 Section 15.2.24, Layout Grid Lines**

- a. *The standard defines the attribute style:layout-grid-lines, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:layout-grid-lines, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:layout-grid-lines, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.613 Section 15.2.25, Layout Grid Color**

- a. *The standard defines the attribute style:layout-grid-color, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:layout-grid-color, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:layout-grid-color, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.614 Section 15.2.26, Layout Grid Ruby Below**

- a. *The standard defines the attribute `style:layout-grid-ruby-below`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

In Word, ruby text is always displayed preceding the base text. If the text direction is vertical, ruby text is displayed to the left of the base text.

- b. *The standard defines the attribute `style:layout-grid-ruby-below`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:layout-grid-ruby-below`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.615 Section 15.2.27, Layout Grid Print**

- a. *The standard defines the attribute `style:layout-grid-ruby-print`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:layout-grid-ruby-print`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:layout-grid-ruby-print`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.616 Section 15.2.28, Layout Grid Display**

- a. *The standard defines the attribute `style:layout-grid-ruby-display`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:layout-grid-ruby-print`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:layout-grid-ruby-display`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.617 Section 15.3, Header Footer Formatting Properties**

- a. *The standard defines the element <style:header-footer-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <style:header-footer-properties>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On save, Excel does not write the header or footer information if the "Different First Page" option is selected for the worksheet.

Excel's maximum length for headers and footers is 255 characters.

- c. *The standard defines the element <style:header-footer-properties>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.618 Section 15.3.1, Fixed and Minimum heights**

- a. *The standard defines the attribute fo:min-height, contained within the element <style:header-footer-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute svg:height, contained within the element <style:header-footer-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute fo:min-height, contained within the element <style:header-footer-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the attribute svg:height, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.619 Section 15.3.2, Margins**

- a. *The standard defines the attribute fo:margin, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute fo:margin-bottom, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:margin-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute fo:margin-right, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `fo:margin-top`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `fo:margin`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `fo:margin-bottom`, contained within the element `<style:header-footer-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the attribute `fo:margin-left`, contained within the element `<style:header-footer-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the attribute `fo:margin-right`, contained within the element `<style:header-footer-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the attribute `fo:margin-top`, contained within the element `<style:header-footer-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.620 Section 15.3.3, Border**

- a. *The standard defines the attribute `fo:border`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `fo:border-bottom`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `fo:border-left`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `fo:border-right`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `fo:border-top`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `fo:border`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute fo:border-bottom, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute fo:border-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute fo:border-right, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute fo:border-top, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.621 Section 15.3.4, Border Line Width**

- a. *The standard defines the attribute style:border-line-width, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:border-line-width-bottom, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute style:border-line-width-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute style:border-line-width-right, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute style:border-line-width-top, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute style:border-line-width, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute style:border-line-width-bottom, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute style:border-linewidth-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:border-line-width-right`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

## **2.1.622 Section 15.3.5, Padding**

- a. *The standard defines the attribute `fo:padding`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `fo:padding-right`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `fo:padding`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.623 Section 15.3.6, Background**

- a. *The standard defines the attribute `fo:background-color`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element `<style:background-image>`, contained within the parent element `<style:header-footer-properties>`*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `fo:background-color`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.624 Section 15.3.7, Shadow**

- a. *The standard defines the attribute `style:shadow`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:shadow`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.625 Section 15.3.8, Dynamic Spacing**

- a. *The standard defines the attribute `style:dynamic-spacing`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:dynamic-spacing`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.626 Section 15.4, Text Formatting Properties**

- a. *The standard defines the element `<style:text-properties>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element `<style:text-properties>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel applies only the non-asian or non-complex version of the font property, if it is specified, for any font property that ends in "-asian" or "-complex". If the non-asian or non-complex version of the property is not specified, then Excel applies the font property that ends in "-asian" or "-complex", and that is read last.

On save, Excel writes the same value for all three types of these font properties. This is because Excel does not support dynamically selecting a different font based on evaluating UNICODE characters as either CJK, CTL, or other.

OfficeArt Math in Excel 2013 supports this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

c. *The standard defines the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.627 Section 15.4.1, Font Variant**

a. *The standard defines the attribute fo:font-variant, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

If, on load, both text:font-variant="small-caps" and fo:text-transform="uppercase" are applied to the text span, then Word does not apply either property to the text.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.



- b. *The standard defines the attribute fo:font-variant, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the property "normal", contained within the attribute fo:font-variant, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the property "small-caps", contained within the attribute fo:font-variant, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute fo:font-variant, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.628 Section 15.4.2, Text Transformations

- a. *The standard defines the attribute `fo:text-transform`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

If, on load, both `text:font-variant="small-caps"` and `fo:text-transform="uppercase"` are applied to the text span, then Word does not apply either property to the text.

- b. *The standard defines the property "capitalized", contained within the attribute `fo:text-transform`, contained within the element `<style:text-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "lowercase", contained within the attribute `fo:text-transform`, contained within the element `<style:text-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the property "none", contained within the attribute `fo:text-transform`, contained within the element `<style:text-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the property "uppercase", contained within the attribute `fo:text-transform`, contained within the element `<style:text-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `fo:text-transform`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels. Excel does not support the value of "capitalize" for this attribute. When this attribute has a value of "capitalize", Excel interprets it as a value of "none".

- g. *The standard defines the property "capitalize", contained within the attribute `fo:text-transform`, contained within the element `<style:text-properties>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the property "lowercase", contained within the attribute fo:text-transform, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the property "none", contained within the attribute fo:text-transform, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the property "uppercase", contained within the attribute fo:text-transform, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute fo:text-transform, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

PowerPoint does not support "fo:text-transform=capitalize" and interprets this as "fo:text-transform=none".

## **2.1.629 Section 15.4.3, Color**

- a. *The standard defines the attribute fo:color, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:color, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute fo:color, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.630 Section 15.4.4, Window Font Color**

- a. *The standard defines the attribute style:use-window-font-color, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:use-window-font-color, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>

- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute `style:use-window-font-color`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.631 Section 15.4.5, Text Outline**

- a. *The standard defines the attribute `style:text-outline`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:text-outline`, contained within the element `<style:text-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>

- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute style:text-outline, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.632 Section 15.4.6, Line-Through Type**

- a. *The standard defines the attribute style:text-line-through-type, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:text-line-through-type, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>

- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute style:text-line-through-type, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.633 Section 15.4.7, Line-Through Style**

- a. *The standard defines the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, any non-"none" value in OOXML is written to ODF as "solid" for this property.

- b. *The standard defines the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel maps the value "none" to no strikethrough, and all other enumeration values to solid strikethrough. On save, Excel maps solid strikethrough to the value "solid", and no strikethrough to the value "none".

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels. Strikethrough line type values other than the value of "solid" are not supported in OOXML. On load, all enumerations that do not have a value of "none" are mapped to a value of "solid".

On save, this attribute is written as "solid" for all strikethrough line types that do not have a value of "none".

- c. *The standard defines the property "dash", contained within the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps any property of the style:text-line-through-style attribute that does not have the value "none" to solid strikethrough.

- d. *The standard defines the property "dot-dash", contained within the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps any property of the style:text-line-through-style attribute that does not have the value "none" to solid strikethrough.

- e. *The standard defines the property "dot-dot-dash", contained within the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps any property of the style:text-line-through-style attribute that does not have the value "none" to solid strikethrough.

- f. *The standard defines the property "dotted", contained within the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps any property of the style:text-line-through-style attribute that does not have the value "none" to solid strikethrough.

- g. *The standard defines the property "long-dash", contained within the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps any property of the style:text-line-through-style attribute that does not have the value "none" to solid strikethrough.

- h. *The standard defines the property "none", contained within the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel maps this property to no strikethrough. On save, Excel maps this property to "none".



- i. *The standard defines the property "solid", contained within the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel maps any property of the style:text-line-through-style attribute that does not have the value "none" to solid strikethrough.

- j. *The standard defines the property "wave", contained within the attribute style:text-line-through-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps any property of the style:text-line-through-style attribute that does not have the value "none" to solid strikethrough.

- k. *The standard defines the attribute style:text-line-through-style, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On read, all enumerations (except for "none") are mapped to solid strikethrough because other types of strikethrough lines are not supported in PowerPoint.

On write, any non-"none" value in PowerPoint is written to ODF as "solid" for this property.

#### **2.1.634 Section 15.4.8, Line-Through Width**

- a. *The standard defines the attribute style:text-line-through-width, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, all widths, except 0 or 0%, are mapped to a default strikethrough width.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, this property is always written as "auto" for strikethrough values that are not set to "none".

- b. *The standard defines the attribute style:text-line-through-width, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels. OOXML does not support strikethrough widths. On load, this attribute maps as though it had a value of "auto".

On save, this attribute is written as "auto" when strikethrough does not have a value of "none".

- c. *The standard defines the attribute `style:text-line-through-width`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On read, the value for this property is always mapped as if it was "auto" because PowerPoint does not support strikethrough widths.

On write, for non-"none" strikethrough values, this property is always written as "auto".

### **2.1.635 Section 15.4.9, Line-Through Color**

- a. *The standard defines the attribute `style:text-line-through-color`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load and on save, Word always matches the current font color.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, this property is always written as "font-color" for strikethrough values that are not set to "none".

- b. *The standard defines the attribute `style:text-line-through-color`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels.

The only value supported in OOXML for this attribute is the value of "font-color". On load, this attribute maps to a value of "font-color" when it does not have a value of "none". On save, this attribute maps to a value of "font-color" when it does not have a value of "none".

- c. *The standard defines the attribute `style:text-line-through-color`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On read, the value for this property is always mapped as if it was "font-color" because this is the only value supported in PowerPoint.

On write, for non-"none" strikethrough values, this property is always written as "font-color".

### **2.1.636 Section 15.4.10, Line-Through Text**

- a. *The standard defines the attribute `style:text-line-through-text`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:text-linethrough-text`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `style:text-line-through-text`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `style:text-linethrough-text`, contained within the element `<style:text-properties>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute `style:text-linethrough-text`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.637 Section 15.4.11, Line-Through Text Style**

- a. *The standard defines the attribute `style:text-line-through-text-style`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:text-linethrough-text-style`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `style:text-line-through-text-style`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `style:text-linethrough-text-style`, contained within the element `<style:text-properties>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute `style:text-linethrough-text-style`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

## 2.1.638 Section 15.4.12, Text Position

- a. *The standard defines the attribute style:text-position, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word applies the style:text-position property as a vertical position change, with the following exceptions:

- If the second item in the style:text-position attribute string value is less than 67% then Word displays the text as subscripted or superscripted, instead of applying a vertical position change to the text.
- If the second item in the style:text-position attribute string value is greater than 67% and "sub" or "sup" is the first item in the string, then Word displays the text as subscripted or superscripted, instead of applying a vertical position change to the text.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt. The vertical text position value is always written as a percentage.

- b. *The standard defines the attribute style:text-position, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The following enumerations map to a superscript value of 33 percent:

- super
- super <positive percent>
- <positive percent>
- sub <negative percent>

The following enumerations map to a subscript value of -33 percent:

- sub
- sub <positive percent>
- <negative percent>
- super <negative percent>

Enumerations with a value of 0 percent map to the No Vertical Alignment Setting.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes and SmartArt, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On load, enumerations "sub" and "super" are mapped to default numerical values and the font height percentage value is not supported.

On save, the vertical text position value is always written as a percentage.

- c. *The standard defines the property "<negative percent>", contained within the attribute style:text-position, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The "negative percent" property maps to a value of -33 percent.

- d. *The standard defines the property "<positive percent>", contained within the attribute style:text-position, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The "positive percent" property maps to a value of 33 percent.

- e. *The standard defines the property "sub", contained within the attribute style:text-position, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The "sub" property maps to a value of -33 percent.

- f. *The standard defines the property "sub <negative percent>", contained within the attribute style:text-position, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The "sub<negative percent>" property maps to a value of -33 percent.

- g. *The standard defines the property "sub <positive percent>", contained within the attribute style:text-position, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The "sub<positive percent>" property maps to a value of -33 percent.

- h. *The standard defines the property "super", contained within the attribute style:text-position, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The "super" property maps to a value of 33 percent.

- i. *The standard defines the property "super <negative percent>", contained within the attribute style:text-position, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The "super<negative percent>" property maps to a value of -33 percent.

- j. *The standard defines the property "super <positive percent>", contained within the attribute style:text-position, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

The "super<positive percent>" property maps to a value of 33 percent.

- k. *The standard defines the attribute style:text-position, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On load, enumerations "sub" and "super" are mapped to default numerical values, and the font height percentage value is not supported.

On save, the vertical text position value is always written as a percentage.

### **2.1.639 Section 15.4.13, Font Name**

- a. *The standard defines the attribute style:font-name, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:font-name-asian, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute style:font-name-complex, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute style:font-name, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>



- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On load, this attribute is used to specify font. On save, the fo:font-family attribute is used to specify font instead.

- e. *The standard defines the attribute style:font-name-asian, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On load, this attribute is used to specify font. On save, the attribute style:font-family-asian is used to specify font instead.

- f. *The standard defines the attribute style:font-name-complex, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On load, this attribute is used to specify font. On save, the attribute style:font-family-complex is used to specify font instead.

- g. *The standard defines the attribute `style:font-name`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

On read, this value is mapped. On write, the "fo:font-family" property is used to specify font instead.

- h. *The standard defines the attribute `style:font-name-asian`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

On read, this value is mapped. On write, the "style:font-family-asian" property is used to specify font instead.

- i. *The standard defines the attribute `style:font-name-complex`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`

- <draw:frame>
- <draw:custom-shape>

On read, this value is mapped. On write, the "style:font-family-complex" property is used to specify font instead.

## 2.1.640 Section 15.4.14, Font Family

- a. *The standard defines the attribute fo:font-family, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

When applying font to a run of text on load, if it isn't specified via the style:font-name attribute in the office:font-face-decls element at the top of the XML part, Word looks for the style:font-family attribute on the immediate style:text-properties element. If Word finds it, then the font is applied to the run of text.

This attribute is not supported for font specifications in a list style definition.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:font-family-asian, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

When applying font to a run of text on load, if it isn't specified via the style:font-name-asian attribute in the office:font-face-decls element at the top of the XML part, Word looks for the style:font-family-asian attribute on the immediate style:text-properties element. If Word finds it, then the font is applied to the run of text.

This attribute is not supported for font specifications in a list style definition.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute style:font-family-complex, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

When applying font to a run of text on load, if it isn't specified via the style:font-name attribute in the office:font-face-decls element at the top of the XML part, Word looks for the style:font-family attribute on the immediate style:text-properties element. If Word finds it, then the font is applied to the run of text.

This attribute is not supported for font specifications in a list style definition.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute fo:font-family, contained within the element <style:text-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute `style:font-family`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `style:font-family-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- g. *The standard defines the attribute `style:font-family-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- h. *The standard defines the attribute fo:font-family, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- i. *The standard defines the attribute style:font-family-asian, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- j. *The standard defines the attribute `style:font-family-complex`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.641 Section 15.4.15, Font Family Generic**

- a. *The standard defines the attribute `style:font-family-generic`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:font-family-generic-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `style:font-family-generic-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute `style:font-family-generic`, contained within the element `<style:text-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`

- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute style:font-family-generic-asian, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- f. *The standard defines the attribute style:font-family-generic-complex, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>

- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- g. *The standard defines the attribute style:font-family-generic, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- h. *The standard defines the attribute style:font-family-generic-asian, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- i. *The standard defines the attribute style:font-family-generic-complex, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>



- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.642 Section 15.4.16, Font Style**

- a. *The standard defines the attribute `style:font-style-name`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:font-style-name-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `style:font-style-name-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute `style:font-style-name`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes

- shapes
  - SmartArt
  - chart titles
  - labels
- e. *The standard defines the attribute style:font-style-name-asian, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- f. *The standard defines the attribute style:font-style-name-complex, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes

- shapes
- SmartArt
- chart titles
- labels

- g. *The standard defines the attribute `style:font-style-name`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

- h. *The standard defines the attribute `style:font-style-name-asian`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

- i. *The standard defines the attribute `style:font-style-name-complex`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`

- <draw:frame>
- <draw:custom-shape>.

### **2.1.643 Section 15.4.17, Font Pitch**

- a. *The standard defines the attribute style:font-pitch, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:font-pitch-asian, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute style:font-pitch-complex, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute style:font-pitch, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute style:font-pitch-asian, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- f. *The standard defines the attribute style:font-pitch-complex, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- g. *The standard defines the attribute style:font-pitch, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- h. *The standard defines the attribute style:font-pitch-asian, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- i. *The standard defines the attribute style:font-pitch-complex, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

#### **2.1.644 Section 15.4.18, Font Character Set**

- a. *The standard defines the attribute style:font-charset, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the property "<other>", contained within the attribute style:font-charset, contained within the element <style:text-properties>*

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the property "x-symbol", contained within the attribute style:font-charset, contained within the element <style:text-properties>*

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute style:font-charset-asian, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- e. *The standard defines the attribute style:font-charset-complex, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the attribute style:font-charset, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports only the value "x-symbol" to identify symbol fonts.

- g. *The standard defines the property "<character encoding>", contained within the attribute style:font-charset, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the property "<other>", contained within the attribute style:font-charset, contained within the element <style:text-properties>*

OfficeArt Math in Excel 2013 does not support this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this enum on save for text in any of the following items:

- text boxes
  - shapes
  - SmartArt
  - chart titles
  - labels
- i. *The standard defines the property "x-symbol", contained within the attribute style:font-charset, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports only the value "x-symbol" to identify symbol fonts.

OfficeArt Math in Excel 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in text boxes and shapes, SmartArt, and chart titles and labels, On load, this value of this attribute is used. It is not saved.

- j. *The standard defines the attribute style:font-charset-asian, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels



- k. *The standard defines the attribute `style:font-charset-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- l. *The standard defines the property "`<other>`", contained within the attribute `style:font-charset`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

- m. *The standard defines the property "`x-symbol`", contained within the attribute `style:font-charset`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`

- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On read, this value is mapped. It is not written out.

- n. *The standard defines the attribute `style:font-charset-asian`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- o. *The standard defines the attribute `style:font-charset-complex`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.645 Section 15.4.19, Font Size**

- a. *The standard defines the attribute `fo:font-size`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support percentage font sizes for the font size attribute. If a percentage font-size is used for the font size attribute, the text becomes the same size as the parent style on load.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:font-size-asian`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support percentage font sizes for the font size attribute. If a percentage font-size is used for the font size attribute, the text becomes the same size as the parent style on load.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `style:font-size-complex`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support percentage font sizes for the font size attribute. If a percentage font-size is used for the font size attribute, the text becomes the same size as the parent style on load.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute `fo:font-size`, contained within the element `<style:text-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute `style:font-size-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- f. *The standard defines the attribute style:font-size-complex, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- g. *The standard defines the attribute fo:font-size, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>.
- h. *The standard defines the attribute `style:font-size-asian`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- i. *The standard defines the attribute `style:font-size-complex`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.646 Section 15.4.20, Relative Font Size**

- a. *The standard defines the attribute `style:font-size-rel`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:font-size-rel-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `style:font-size-rel-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute `style:font-size-rel`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute `style:font-size-rel-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`

- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- f. *The standard defines the attribute `style:font-size-rel-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- g. *The standard defines the attribute `style:font-size-rel`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- h. *The standard defines the attribute `style:font-size-rel-asian`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

- i. *The standard defines the attribute `style:font-size-rel-complex`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.647 Section 15.4.21, Script Type**

- a. *The standard defines the attribute `style:script-type`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "asian", contained within the attribute `style:script-type`, contained within the element `<style:text-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "complex", contained within the attribute `style:script-type`, contained within the element `<style:text-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "ignore", contained within the attribute `style:script-type`, contained within the element `<style:text-properties>`*



This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the property "latin", contained within the attribute style:script-type, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word uses a Boolean setting to signal whether a range of text should be treated as a complex script or not.

On load, if style:script-type is "complex", then the text is tagged as complex script. If the script-type attribute is "asian" or "latin" then the text is tagged as "not complex". A value of "ignore" causes Word to ignore this attribute.

On save, if this Word property states that the text is "complex", then Word writes style:script-type="complex" to the file. Otherwise, nothing is written to the file for this attribute.

- f. *The standard defines the attribute style:script-type, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- g. *The standard defines the attribute style:script-type, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.648 Section 15.4.22, Letter Spacing

- a. *The standard defines the attribute fo:letter-spacing, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:letter-spacing, contained within the element <style:text-properties>*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute fo:letter-spacing, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute style:letter-spacing, contained within the element <style:text-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute style:letter-spacing, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.649 Section 15.4.23, Language**

- a. *The standard defines the attribute fo:language, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word preserves the fo:language attribute as a part of a country language id (as specified by BCP 47) applied to the text range.

If the language is missing, Word ignores both the language and the country.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, OOXML's run properties "lang" and "altLang" are used to populate the ODF "fo:language", "fo:language-asian" and "fo:language-complex" text property attributes. First, "lang" is mapped to the corresponding attribute according to script type. Second, if "altLang" is a different script type than "lang", "altLang" is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If "altLang" is the same script type as "lang", it is not written and the remaining two ODF attributes are not written out. This method is also used to populate "fo:country", "style:country-asian", and "style:country-complex".

- b. *The standard defines the attribute fo:language-asian, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word preserves the fo:language-asian property as a part of a country language id (as specified by BCP 47) applied to the text range.

If the language is missing, Word ignores both the language and country.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, OOXML's run properties "lang" and "altLang" are used to populate the ODF "fo:language", "fo:language-asian" and "fo:language-complex" text property attributes. First, "lang" is mapped to the corresponding attribute according to script type. Second, if "altLang" is a different script type than "lang", "altLang" is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If "altLang" is the same script type as "lang", it is not written and the remaining two ODF attributes are not written out. This method is also used to populate "fo:country", "style:country-asian", and "style:country-complex" attributes.

- c. *The standard defines the attribute fo:language-complex, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word preserves the fo:language-complex property as a part of a country language id (as specified by BCP 47) applied to the text range.

If the language is missing, Word ignores both the language and country.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, OOXML's run properties "lang" and "altLang" are used to populate the ODF "fo:language", "fo:language-asian" and "fo:language-complex" text property attributes. First, "lang" is mapped to the corresponding attribute according to script type. Second, if "altLang" is a different script type than "lang", "altLang" is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If "altLang" is the same script type as "lang", it is not written and the remaining two ODF attributes are not written out. This method is also used to populate "fo:country", "style:country-asian", and "style:country-complex" attributes.

- d. *The standard defines the attribute fo:language, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in Excel are used to populate the ODF fo:language, fo:language-asian, and fo:language-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written and the remaining two ODF attributes are not written out. This method is also used to populate the fo:country, style:country-asian, and style:country-complex.

On read, the script type for the first character of the run is used to determine which of the fo:language, fo:language-asian, and fo:language-complex attributes is used to populate the Excel lang attribute. Excel's altLang attribute is not populated on read.

- e. *The standard defines the attribute fo:language-asian, contained within the element <style:text-properties>*

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>

- `<draw:custom-shape>`

On write, the run properties `lang` and `altLang` in Excel are used to populate the ODF `fo:language`, `fo:language-asian`, and `fo:language-complex` text property attributes. First, `lang` is mapped to the corresponding attribute according to script type. Second, if `altLang` is a different script type than `lang`, `altLang` is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If `altLang` is the same script type as `lang`, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the `fo:country`, `style:country-asian`, and `style:country-complex` attributes.

On read, the script type for the first character of the run is used to determine which of the `fo:language`, `fo:language-asian`, and `fo:language-complex` attributes is used to populate the Excel `lang` attribute. Excel's `altLang` attribute is not populated on read.

- f. *The standard defines the attribute `fo:language-complex`, contained within the element `<style:text-properties>`*

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

On write, the run properties `lang` and `altLang` are used to populate the ODF `fo:language`, `fo:language-asian`, and `fo:language-complex` text property attributes. First, `lang` is mapped to the corresponding attribute according to script type. Second, if `altLang` is a different script type than `lang`, `altLang` is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If `altLang` is the same script type as `lang`, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the `fo:country`, `style:country-asian`, and `style:country-complex` attributes.

On read, the script type for the first character of the run is used to determine which of the `fo:language`, `fo:language-asian`, and `fo:language-complex` attributes is used to populate the Excel `lang` attribute. Excel's `altLang` attribute is not populated on read.

- g. *The standard defines the attribute `style:language-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `style:language-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `fo:language`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in PowerPoint are used to populate the ODF fo:language, fo:language-asian, and fo:language-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the fo:country, style:country-asian, and style:country-complex attributes.

On read, the script type for the first character of the run is used to determine which of the fo:language, fo:language-asian, or fo:language-complex attributes is used to populate the PowerPoint lang attribute. PowerPoint's altLang attribute is not populated on read.

- j. *The standard defines the attribute fo:language-asian, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in PowerPoint are used to populate the ODF fo:language, fo:language-asian, and fo:language-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the fo:country, style:country-asian, and style:country-complex attributes.

On read, the script type for the first character of the run is used to determine which of the fo:language, fo:language-asian, or fo:language-complex attributes is used to populate the PowerPoint lang attribute. PowerPoint's altLang attribute is not populated on read.

- k. *The standard defines the attribute fo:language-complex, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in PowerPoint are used to populate the ODF fo:language, fo:language-asian, and fo:language-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the fo:country, style:country-asian, and style:country-complex attributes.

On read, the script type for the first character of the run is used to determine which of the fo:language, fo:language-asian, or fo:language-complex attributes is used to populate the PowerPoint lang attribute. PowerPoint's altLang attribute is not populated on read.

## **2.1.650 Section 15.4.24, Country**

- a. *The standard defines the attribute fo:country, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word preserves the fo:country attribute as a part of a country language id (as specified by BCP 47) applied to the text range.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, OOXML's run properties "lang" and "altLang" are used to populate the ODF "fo:country", "style:country-asian" and "style:country-complex" text property attributes. First, "lang" is mapped to the corresponding attribute according to script type. Second, if "altLang" is a different script type than "lang", "altLang" is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If "altLang" is the same script type as "lang", it is not written and the remaining two ODF attributes are not written out. This method is also used to populate "fo:language", "fo:language-asian", and "fo:language-complex" attributes.

- b. *The standard defines the attribute style:country-asian, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word preserves the style:country-asian attribute as a part of a country language id (as specified by BCP 47) applied to the text range.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, OOXML's run properties "lang" and "altLang" are used to populate the ODF "fo:country", "style:country-asian" and "style:country-complex" text property attributes. First, "lang" is mapped to the corresponding attribute according to script type. Second, if "altLang" is a

different script type than "lang", "altLang" is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If "altLang" is the same script type as "lang", it is not written and the remaining two ODF attributes are not written out. This method is also used to populate "fo:language", "fo:language-asian", and "fo:language-complex" attributes.

- c. *The standard defines the attribute style:country-complex, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word preserves the style:country-complex attribute as a part of a country language id (as specified by BCP 47) applied to the text range.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, OOXML's run properties "lang" and "altLang" are used to populate the ODF "fo:country", "style:country-asian" and "style:country-complex" text property attributes. First, "lang" is mapped to the corresponding attribute according to script type. Second, if "altLang" is a different script type than "lang", "altLang" is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If "altLang" is the same script type as "lang", it is not written and the remaining two ODF attributes are not written out. This method is also used to populate "fo:language", "fo:language-asian", and "fo:language-complex" attributes.

- d. *The standard defines the attribute fo:country, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in Excel are used to populate the ODF fo:country, style:country-asian, and style:country-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the fo:language, fo:language-asian, and fo:language-complex attributes.

On read, this attribute is dropped. The fo:language, fo:language-asian, and fo:language-complex attributes are used to populate the Excel lang property.

- e. *The standard defines the attribute style:country-asian, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.



scope /> on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in Excel are used to populate the ODF fo:country, style:country-asian, and style:country-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate fo:language, fo:language-asian, and fo:language-complex attributes.

On read, this attribute is dropped. The fo:language, fo:language-asian, and fo:language-complex attributes are used to populate the Excel lang property.

- f. *The standard defines the attribute style:country-complex, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in Excel are used to populate the ODF fo:country, style:country-asian, and style:country-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the fo:language, fo:language-asian, and fo:language-complex attributes.

On read, this attribute is dropped. The fo:language, fo:language-asian, and fo:language-complex attributes are used to populate the Excel lang property.

- g. *The standard defines the attribute fo:country, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in PowerPoint are used to populate the ODF fo:language, fo:language-asian, and fo:language-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the fo:country, style:country-asian, and style:country-complex attributes.

On read, this attribute is dropped. The fo:language, fo:language-asian, and fo:language-complex attributes are used to populate the PowerPoint lang property.

- h. *The standard defines the attribute style:country-asian, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in PowerPoint are used to populate the ODF fo:language, fo:language-asian, and fo:language-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the fo:country, style:country-asian, and style:country-complex attributes.

On read, this attribute is dropped. The fo:language, fo:language-asian, and fo:language-complex attributes are used to populate the PowerPoint lang property.

- i. *The standard defines the attribute style:country-complex, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On write, the run properties lang and altLang in PowerPoint are used to populate the ODF fo:language, fo:language-asian, and fo:language-complex text property attributes. First, lang is mapped to the corresponding attribute according to script type. Second, if altLang is a different script type than lang, altLang is mapped to the corresponding ODF attribute according to script type, and the third ODF attribute is not written out. If altLang is the same script type as lang, it is not written, and the remaining two ODF attributes are not written out. This method is also used to populate the fo:country, style:country-asian, and style:country-complex attributes.

On read, this attribute is dropped. The fo:language, fo:language-asian, and fo:language-complex attributes are used to populate the PowerPoint lang property.

## **2.1.651 Section 15.4.25, Font Style**

- a. *The standard defines the attribute fo:font-style, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:font-style-asian, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute style:font-style-complex, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute fo:font-style, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, the values "italic" and "oblique" both map to a value of "italic".

On save, Excel writes only the values "normal" and "italic".

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the property "italic", contained within the attribute fo:font-style, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "normal", contained within the attribute fo:font-style, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the property "oblique", contained within the attribute fo:font-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, and on save, Excel maps the fo:font-style attribute to italic.

- h. *The standard defines the attribute style:font-style-asian, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- i. *The standard defines the attribute style:font-style-complex, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- j. *The standard defines the attribute fo:font-style, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- k. *The standard defines the attribute `style:font-style-asian`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

- l. *The standard defines the attribute `style:font-style-complex`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

## **2.1.652 Section 15.4.26, Font Relief**

- a. *The standard defines the attribute `style:font-relief`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "embossed", contained within the attribute `style:font-relief`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the property "engraved", contained within the attribute `style:font-relief`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute `style:font-relief`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the property "embossed", contained within the attribute style:font-relief, contained within the element <style:text-properties>*

OfficeArt Math in Excel 2013 does not support this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

OfficeArt Math in Excel 2013 does not support this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- f. *The standard defines the property "engraved", contained within the attribute style:font-relief, contained within the element <style:text-properties>*

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this enum on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- g. *The standard defines the property "embossed", contained within the attribute style:font-relief, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- h. *The standard defines the property "engraved", contained within the attribute style:font-relief, contained within the element <style:text-properties>*



OfficeArt Math in PowerPoint 2013 supports this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.653      Section 15.4.27, Text Shadow**

- a. *The standard defines the attribute fo:text-shadow, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:text-shadow, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel interprets size values greater than 0 to mean that text shadow is activated.

On save, Excel writes "1pt1pt" when text has a shadow, or "none" when text does not have a shadow.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels. On load, the fo:text-shadow attribute is mapped to the <outerShdw> element of OOXML. Where there is no correspondence between the fo:text-shadow attribute and the <outerShdw> element, default values are used.

- c. *The standard defines the attribute fo:text-shadow, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On read, the fo:text-shadow attribute is mapped to the PowerPoint <outerShdw> element with default values.

### **2.1.654 Section 15.4.28, Underlining Type**

- a. *The standard defines the attribute style:text-underline-type, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:text-underline-type, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On save, Excel converts its Single Accounting type to the value "single," and its Double Accounting type to the value "double".

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels. On load, the attributes named style:text-underline-type, style:text-underline-style, style:text-underline-width, and style:text-underline-mode are all used in determining which enumeration to set for the u (Underline) run attribute in OOXML. On load, no underline is read if either the style:text-underline-type attribute or the style:text-underline-style attribute has a value of "none".

- c. *The standard defines the attribute `style:text-underline-type`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

On read, the properties `style:text-underline-type`, `style:text-underline-style`, `style:text-underline-width`, and `style:text-underline-mode` are considered together to determine which enumeration to set for the `u` (Underline) run property attribute in PowerPoint.

On read, if either of the properties `"style:text-underline-type="none"` or `"style:text-underline-style="none"`, no underline is read.

## **2.1.655 Section 15.4.29, Underlining Style**

- a. *The standard defines the attribute `style:text-underline-style`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:text-underline-style`, contained within the element `<style:text-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel maps the value "none" to "No Line Style". All other values of the attribute `style:text-underline-style` map to "Solid Line Style".

On save, Excel writes only the values "none" or "solid".

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`

- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

On load, the attributes named style:text-underline-type, style:text-underline-style, style:text-underline-width, and the mode named style:text-underline are all used in determining which enumeration to set for the u (Underline) run attribute in OOXML.

On load, no underline is read if either the style:text-underline-type attribute or the style:text-underline-style attribute has a value of "none".

On load, an underline type with a value of "double" takes precedence over underline style. Only the enumeration values of "solid" and "wave" are supported for underline types with a value of "double" in OOXML. For example, if the style:text-underline-type attribute has a value of "double" and the style:text-underline-style attribute has a value that is anything other than "solid" or "wave", then the style:text-underline-type attribute is changed to "double" and the style:text-underline-style attribute is changed to "solid".

- c. *The standard defines the property "dash", contained within the attribute style:text-underline-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

The property "dash" maps to "solid underline".

- d. *The standard defines the property "dot-dash", contained within the attribute style:text-underline-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

The property "dot-dash" maps to "solid underline".

- e. *The standard defines the property "dot-dot-dash", contained within the attribute style:text-underline-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

The property "dot-dot-dash" maps to "solid underline".

- f. *The standard defines the property "dotted", contained within the attribute style:text-underline-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

The property "dot-dot-dash" maps to "solid underline".

- g. *The standard defines the property "long-dash", contained within the attribute style:text-underline-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

The property "long-dash" maps to "solid underline".

- h. *The standard defines the property "none", contained within the attribute style:text-underline-style, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- i. *The standard defines the property "solid", contained within the attribute style:text-underline-style, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- j. *The standard defines the property "wave", contained within the attribute style:text-underline-style, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

The property "long-dash" maps to "solid underline".

- k. *The standard defines the attribute style:text-underline-style, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On load, the attributes named style:text-underline-type, style:text-underline-style, style:text-underline-width, and the mode named style:text-underline are all used in determining which enumeration to set for the u (Underline) run attribute in OOXML.

On load, no underline is read if either the style:text-underline-type attribute or the style:text-underline-style attribute has a value of "none".

On load, an underline type with a value of "double" takes precedence over underline style. Only the enumeration values of "solid" and "wave" are supported for underline types with a value of "double" in OOXML. For example, if the style:text-underline-type attribute has a value of "double" and the style:text-underline-style attribute has a value that is anything other than "solid" or "wave", then the style:text-underline-type attribute is changed to "double" and the style:text-underline-style attribute is changed to "solid".

## **2.1.656 Section 15.4.30, Underling Width**

- a. *The standard defines the attribute style:text-underline-width, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:text-underline-width`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

On load, the attributes named `style:text-underline-type`, `style:text-underline-style`, `style:text-underline-width`, and `style:text-underline-mode` are all used in determining which enumeration to set for the `u` (Underline) run attribute in OOXML. On load, all enumerations that have values other than "bold" and "thick" are treated as having a value of "normal". On save, the only values written are "auto" and "bold".

- c. *The standard defines the attribute `style:text-underline-width`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

On load, the `style:text-underline-type`, `style:text-underline-style`, `style:text-underline-width`, and `style:text-underline-mode` are considered together to determine which enumeration to set for the `u` (Underline) run property attribute in PowerPoint.

On load, all enumerations other than "bold" and "thick" are treated as "normal".

On save, "auto" and "bold" are the only values written.

## **2.1.657 Section 15.4.31, Underline Color**

- a. *The standard defines the attribute `style:text-underline-color`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:underline-color`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `style:text-underline-color`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- d. *The standard defines the attribute `style:text-underline-color`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`

- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.658 Section 15.4.32, Font Weight

- a. *The standard defines the attribute fo:font-weight, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support a gradient of font weights; it only supports the ability to turn bold on or off. On load, font weights from 100-500 map to "normal", and font weights from 600-900 map to "bold".

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, "bold" and "normal" are the only values written.

- b. *The standard defines the attribute style:font-weight-asian, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support a gradient of font weights; it only supports the ability to turn bold on or off. On load, font weights from 100-500 map to "normal", and font weights from 600-900 map to "bold".

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, "bold" and "normal" are the only values written.

- c. *The standard defines the attribute style:font-weight-complex, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word does not support a gradient of font weights; it only supports the ability to turn bold on or off. On load, font weights from 100-500 map to "normal", and font weights from 600-900 map to "bold".

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, "bold" and "normal" are the only values written.

- d. *The standard defines the attribute fo:font-weight, contained within the element <style:text-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel maps the following values to the "Bold" font style: "bold", "400", "500", "600", "700", "800", and "900". Excel maps all other values to the "Regular" font style.

On save, Excel writes "bold" if the font style is "Bold" or "Bold Italic". Excel writes "normal" if the font style is "Regular" or "Italic".

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>



- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels. On load, the following values are read as "bold": "bold", "600", and "700". All other values are read as "normal". On save, the only values written are "bold" and "normal".

- e. *The standard defines the property "100", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- f. *The standard defines the property "200", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- g. *The standard defines the property "300", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- h. *The standard defines the property "400", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- i. *The standard defines the property "500", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- j. *The standard defines the property "600", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- k. *The standard defines the property "700", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- l. *The standard defines the property "800", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- m. *The standard defines the property "900", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the following values from the fo:font-weight attribute to bold: "bold", "400", "500", "600", "700", "800", and "900". Any other value maps to "normal".

- n. *The standard defines the property "bold", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the property "normal", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- p. *The standard defines the attribute style:font-weight-asian, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels. On load, the following values are read as "bold": "bold", "600", and "700". All other values are read as "normal". On save, the only values written are "bold" and "normal".

- q. *The standard defines the attribute `style:font-weight-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels. On load, the following values are changed to "bold": "bold", "600", and "700". All other values are read as "normal". On save, the only values written are "bold" and "normal".

- r. *The standard defines the attribute `fo:font-weight`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on read for text that is contained in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

On read, the following values are read as "bold": "bold", "600", and "700". All other values are read as "normal".

On write, "bold" and "normal" are the only values written.

- s. *The standard defines the attribute `style:font-weight-asian`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On read, the following values are read as "bold": "bold", "600", "700". All other values are read as "normal".

On write, "bold" and "normal" are the only values written.

- t. *The standard defines the attribute style:font-weight-complex, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On read, the following values are read as "bold": "bold", "600", "700". All other values are read as "normal".

On write, "bold" and "normal" are the only values written.

### **2.1.659 Section 15.4.33, Text Underline Word Mode**

- a. *The standard defines the attribute style:text-underline-mode, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load and on save, Word only supports the style:text-underline-mode property when style:text-underline-style="solid".

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:text-underline-mode, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel ignores the "skip-white-space" value to apply underline to all characters in a text run. On save, Excel does not write the style:text-underline-mode attribute.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels. On load, the attributes named style:text-underline-type, style:text-underline-style, style:text-underline-width, and style:text-underline-mode are all used in determining which enumeration to set for the u (Underline) run attribute in OOXML.

- c. *The standard defines the attribute style:text-underline-mode, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

On read, the style:text-underline-type, style:text-underline-style, style:text-underline-width, and style:text-underline-mode are considered together to determine which enumeration to set for the u (Underline) run property attribute in PowerPoint.

## **2.1.660 Section 15.4.34, Text Line-Through Word Mode**

- a. *The standard defines the attribute style:text-line-through-mode, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:text-line-through-mode, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

In Excel, line-through is equivalent to strikethrough.

On load, Excel ignores the "skip-white-space" value to apply strikethrough to all characters in the text run. On save, Excel does not write the style:text-line-through-mode attribute.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute style:text-line-through-mode, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.661 Section 15.4.35, Letter Kerning**

- a. *The standard defines the attribute style:letter-kerning, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. On write, all nonzero values are mapped to "true".

- b. *The standard defines the attribute `style:letter-kerning`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels. On load, a value of "true" is mapped to a default integer. On save, all nonzero values are mapped to "true".

- c. *The standard defines the attribute `style:letter-kerning`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

On read, a "true" value is mapped to a default integer.

On write, all nonzero values are mapped to "true".

## **2.1.662 Section 15.4.36, Text Blinking**

- a. *The standard defines the attribute `style:text-blinking`, contained within the element `<style:text-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:text-blinking`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute `style:text-blinking`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

## **2.1.663 Section 15.4.37, Text Background Color**

- a. *The standard defines the attribute `fo:background-color`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.



- b. *The standard defines the attribute fo:background-color, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute fo:background-color, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.664 Section 15.4.38, Text Combine**

- a. *The standard defines the attribute style:text-combine, contained within the element <style:text-properties>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "letters", contained within the attribute style:text-combine, contained within the element <style:text-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "lines", contained within the attribute style:text-combine, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "none", contained within the attribute style:text-combine, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute style:text-combine, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- f. *The standard defines the attribute style:text-combine, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.665 Section 15.4.39, Text Combine Start and End Characters

- a. *The standard defines the attribute `style:text-combine-end-char`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load and on save, Word supports the following characters for this attribute: ">", "}", ")", "]", ".".

If a character is used that Word does not recognize, Word uses the default ")" character.

Word requires the start and end characters be a matching set - for example, "<" and ">".

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:text-combine-start-char`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load and on save, Word supports the following characters for this attribute: "<", "{", "(", "[", ".".

If a character is used that Word does not recognize, Word uses the default "(" character.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `style:text-combine-end-char`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- d. *The standard defines the attribute `style:text-combine-start-char`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute `style:text-combine-end-char`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

- f. *The standard defines the attribute `style:text-combine-start-char`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`

- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.666 Section 15.4.40, Text Emphasis

- a. *The standard defines the property "accent above", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "accent below", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "circle above", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "circle below", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the property "disc above", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the property "disc below", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the property "dot above", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the property "dot below", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the property "none", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- j. *The standard defines the property "none above", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- k. *The standard defines the property "none below", contained within the attribute style:text-emphasis, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- l. *The standard defines the attribute style:text-emphasize, contained within the element <style:text-properties>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- m. *The standard defines the attribute style:text-emphasis, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute style:text-emphasize, contained within the element <style:text-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- o. *The standard defines the attribute style:text-emphasize, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>

- <draw:frame>
- <draw:custom-shape>.

## **2.1.667 Section 15.4.41, Text Scale**

- a. *The standard defines the attribute style:text-scale, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, percentage values that are less than 1% are rounded up to 1%, and percentage values that are greater than 600% are rounded down to 600%.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:text-scale, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute style:text-scale, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.668 Section 15.4.42, Text Rotation Angle

- a. *The standard defines the attribute style:text-rotation-angle, contained within the element <style:text-properties>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "0", contained within the attribute style:text-rotation-angle, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, if both style:text-rotation-angle and style:text-combine are applied to the text span, then Word ignores the style:text-rotation-angle property.

- c. *The standard defines the property "270", contained within the attribute style:text-rotation-angle, contained within the element <style:text-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the property "90", contained within the attribute style:text-rotation-angle, contained within the element <style:text-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute style:text-rotation-angle, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles



- labels
- f. *The standard defines the attribute `style:text-rotation-angle`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.669 Section 15.4.43, Text Rotation Scale**

- a. *The standard defines the attribute `style:text-rotation-scale`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "fixed", contained within the attribute `style:text-rotation-scale`, contained within the element `<style:text-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "line-height", contained within the attribute `style:text-rotation-scale`, contained within the element `<style:text-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `style:text-rotation-scale`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load and on save, Excel does not read or write this attribute. Excel always renders rotated text such that the width of the text remains fixed.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`

- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the property "fixed", contained within the attribute style:text-rotation-scale, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the property "line-height", contained within the attribute style:text-rotation-scale, contained within the element <style:text-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute style:text-rotation-scale, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.670 Section 15.4.44, Hyphenation**

- a. *The standard defines the attribute fo:hyphenate, contained within the element <style:text-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word has an auto-hyphenation property at the document level and a "do not hyphenate" property at the paragraph level. The ODF auto-hyphenation property is stored at the text property level.

On load, Word sets the document-level auto-hyphenation property to true. If a paragraph style is set to not to auto-hyphenate the current paragraph, then Word sets the paragraph-level "do not hyphenate" property to true. Otherwise, Word sets this property to false.

On save, Word always sets fo:hyphenate to true in the text properties of the default paragraph style. For each paragraph style in the document, Word sets fo:hyphenate to true or fo:hyphenate to false based on the value used in the default paragraph style.

Word does not support the `fo:hyphenate` property from any other styles that can contain a `style:text-properties` element. For example, if text is contained within a span that is within a paragraph, then Word ignores the value of `fo:hyphenate` defined by the span and applies the value defined by the paragraph.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `fo:hyphenate`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute `fo:hyphenate`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

## 2.1.671 Section 15.4.45, Hyphenation Remain Char Count

- a. *The standard defines the attribute fo:hyphenation-remain-char-count, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:hyphenation-remain-char-count, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute fo:hyphenation-remain-char-count, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.672 Section 15.4.46, Hyphenation Push Char Count

- a. *The standard defines the attribute fo:hyphenation-push-char-count, contained within the element <style:text-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:hyphenation-push-char-count, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute fo:hyphenation-push-char-count, contained within the element <style:text-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.673 Section 15.4.47, Hidden or Conditional Text

- a. *The standard defines the attribute `text:display`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `text:display-levels`, contained within the element `<style:text-properties>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `text:condition`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `text:display`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `text:display-levels`, contained within the element `<style:text-properties>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- f. *The standard defines the attribute `text:display-levels`, contained within the element `<style:text-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.674 Section 15.5, Paragraph Formatting Properties**

- a. *The standard defines the element <style:paragraph-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <style:paragraph-properties>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.675 Section 15.5.1, Fixed Line Height

- a. *The standard defines the attribute fo:line-height, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:line-height, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute fo:line-height, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.676 Section 15.5.2, Minimum Line Height

- a. *The standard defines the attribute style:line-height-at-least, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.



- b. *The standard defines the attribute `style:line-height-at-least`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- c. *The standard defines the attribute `style:line-height-at-least`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.677 Section 15.5.3, Line Distance**

- a. *The standard defines the attribute `style:line-spacing`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:line-spacing`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Word 2010, Word 2013 and Word 2019.

- c. *The standard defines the attribute `style:line-spacing`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- d. *The standard defines the attribute `style:line-spacing`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `style:line-spacing`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.678 Section 15.5.4, Font-Independent Line Spacing**

- a. *The standard defines the attribute `style:font-independent-line-space`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:font-independent-line-spacing`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `style:font-independent-line-spacing`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- d. *The standard defines the attribute style:font-independent-line-spacing, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.679 Section 15.5.5, Text Align**

- a. *The standard defines the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads the start value as meaning left and the end value as meaning right. On save, Excel does not use the start value or end value.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels.

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On load, the values "start" and "end" map to the values "left" or "right" in OOXML, depending on text direction. If the text direction cannot be determined, "start" is mapped to "left" and "end" is mapped to "right".

- c. *The standard defines the property "center", contained within the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the property "end", contained within the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the "end" property to right alignment. On save, the "end" property is not used, and right alignment is mapped to the "right" property.

- e. *The standard defines the property "justify", contained within the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "left", contained within the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- g. *The standard defines the property "right", contained within the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- h. *The standard defines the property "start", contained within the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the "start" property to left alignment. On save, the "start" property is not used, and left alignment is mapped to the "left" property.

- i. *The standard defines the attribute fo:text-align, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:image>
- <draw:text-box>
- <draw:custom-shape>

On read, "start" and "end" map to either "left" or "right" in PowerPoint depending on text direction. If text direction cannot be determined, "start" is mapped to "left" and "end" is mapped to "right".

## 2.1.680 Section 15.5.6, Text Align of Last Line

- a. *The standard defines the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the property "center", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the property "justify", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the property "start", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- e. *The standard defines the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the property "center", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this enum on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels.

- g. *The standard defines the property "justify", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this enum on save for text in any of the following items: text boxes, shapes, SmartArt, chart titles, and labels.

- h. *The standard defines the property "start", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

And on save for text in text boxes and shapes, SmartArt, and chart titles and labels. This property is written out but is not read in. It is always written as fo:text-align-last="start".

- i. *The standard defines the property "center", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- j. *The standard defines the property "justify", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this enum on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- k. *The standard defines the property "start", contained within the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this enum on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

This property is written out but is not read in. It is always written as fo:text-align-last="start".

## 2.1.681 Section 15.5.7, Justify Single Word

- a. *The standard defines the attribute style:justify-single-word, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:justify-single-word, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute style:justify-single-word, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.682 Section 15.5.8, Keep Together

- a. *The standard defines the attribute fo:keep-together, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.



- b. *The standard defines the attribute fo:keep-together, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute fo:keep-together, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.683 Section 15.5.9, Widows**

- a. *The standard defines the attribute fo:widows, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load and save, Word only supports a value of 2 lines for the fo:widows attribute; all nonzero values for the fo:widows attribute default to this value.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:widows, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute fo:widows, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.684 Section 15.5.10, Orphans**

- a. *The standard defines the attribute fo:orphans, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load and save, Word only supports a value of 2 lines for the fo:orphans attribute; all nonzero values for the fo:orphans attribute default to this value.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:orphans, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- c. *The standard defines the attribute fo:orphans, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.685 Section 15.5.11, Tab Stops**

- a. *The standard defines the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:char, contained within the element <style:tab-stop>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute style:char, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute style:leader-color, contained within the element <style:tab-stop>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- e. *The standard defines the attribute style:leader-color, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute style:leader-style, contained within the element <style:tab-stop>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- g. *The standard defines the property "dash", contained within the attribute style:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the property "dot-dash", contained within the attribute style:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word interprets the "dot-dash" value of style:leader-style as a dotted line style, similar to that of the "dotted" value for this attribute.

- i. *The standard defines the property "dot-dot-dash", contained within the attribute style:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word interprets the "dot-dot-dash" value of style:leader-style as a dotted line style, similar to that of the "dotted" value for this attribute.

- j. *The standard defines the property "dotted", contained within the attribute style:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- k. *The standard defines the property "long-dash", contained within the attribute style:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- l. *The standard defines the property "none", contained within the attribute style:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- m. *The standard defines the property "solid", contained within the attribute style:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- n. *The standard defines the property "wave", contained within the attribute style:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- o. *The standard defines the attribute style:leader-text, contained within the element <style:tab-stop>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- p. *The standard defines the attribute `style:leader-text`, contained within the element `<style:tab-stop>`, contained within the parent element `<style:tab-stops>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load and save, Word supports the following characters for the `style:leader-text` attribute: ".", "-", "\_", " ", plus locale-specific characters defined by the country/language pair of the surrounding text.

On load, if Word does not recognize the character used, then it reverts to a default of no leader text.

- q. *The standard defines the attribute `style:leader-text-style`, contained within the element `<style:tab-stop>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- r. *The standard defines the attribute `style:leader-text-style`, contained within the element `<style:tab-stop>`, contained within the parent element `<style:tab-stops>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- s. *The standard defines the attribute `style:leader-type`, contained within the element `<style:tab-stop>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- t. *The standard defines the attribute `style:leader-type`, contained within the element `<style:tab-stop>`, contained within the parent element `<style:tab-stops>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- u. *The standard defines the attribute `style:leader-width`, contained within the element `<style:tab-stop>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- v. *The standard defines the attribute `style:leader-width`, contained within the element `<style:tab-stop>`, contained within the parent element `<style:tab-stops>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- w. *The standard defines the attribute `style:position`, contained within the element `<style:tab-stop>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- x. *The standard defines the attribute `style:position`, contained within the element `<style:tab-stop>`, contained within the parent element `<style:tab-stops>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- y. *The standard defines the attribute `style:type`, contained within the element `<style:tab-stop>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- z. *The standard defines the property "center", contained within the attribute style:type, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- aa. *The standard defines the property "char", contained within the attribute style:type, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word allows the character used here to be based on the country/language pair of the surrounding text. For example, U.S. English surrounding text would allow the use of "." as the tab character.

- bb. *The standard defines the property "left", contained within the attribute style:type, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- cc. *The standard defines the property "right", contained within the attribute style:type, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- dd. *The standard defines the element <style:tab-stops>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- ee. *The standard defines the element <style:tab-stops>, contained within the parent element <style:paragraph-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- ff. *The standard defines the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- gg. *The standard defines the attribute style:char, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- hh. *The standard defines the attribute style:leader-color, contained within the element <style:tab-stop>*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- ii. *The standard defines the attribute `style:leader-color`, contained within the element `<style:tab-stop>`, contained within the parent element `<style:tab-stops>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- jj. *The standard defines the attribute `style:leader-style`, contained within the element `<style:tab-stop>`*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- kk. *The standard defines the attribute `style:leader-style`, contained within the element `<style:tab-stop>`, contained within the parent element `<style:tab-stops>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- ll. *The standard defines the attribute `style:leader-text`, contained within the element `<style:tab-stop>`*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- mm. *The standard defines the attribute `style:leader-text`, contained within the element `<style:tab-stop>`, contained within the parent element `<style:tab-stops>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- nn. *The standard defines the attribute `style:leader-text-style`, contained within the element `<style:tab-stop>`*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

oo. *The standard defines the attribute style:leader-text-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

pp. *The standard defines the attribute style:leader-type, contained within the element <style:tab-stop>*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

qq. *The standard defines the attribute style:leader-type, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

rr. *The standard defines the attribute style:leader-width, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ss. *The standard defines the attribute style:position, contained within the element <style:tab-stop>*

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>



- <draw:text-box>
- <draw:custom-shape>

tt. *The standard defines the attribute style:position, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

uu. *The standard defines the attribute style:type, contained within the element <style:tab-stop>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

And on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On read, the enumerated value "char" is not supported.

vv. *The standard defines the attribute style:type, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

ww. *The standard defines the element <style:tab-stops>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

xx. *The standard defines the attribute style:char, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

yy. *The standard defines the attribute style:leader-color, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

zz. *The standard defines the attribute style:leader-style, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

aaa. *The standard defines the attribute style:leader-text, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

bbb. *The standard defines the attribute style:leader-text-style, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

ccc. *The standard defines the attribute style:leader-type, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

ddd. *The standard defines the attribute style:leader-width, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

eee. *The standard defines the attribute style:position, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

fff. *The standard defines the attribute style:type, contained within the element <style:tab-stop>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On read, the enumerated value "char" is not supported.

ggg. *The standard defines the element <style:tab-stops>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>

- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.686 Section 15.5.12, Tab Stop Distance**

- a. *The standard defines the attribute style:tab-stop-distance, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:tab-stop-distance, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute style:tab-stop-distance, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.687 Section 15.5.13, Hyphenation Keep**

- a. *The standard defines the attribute fo:hyphenation-keep, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:hyphenation-keep, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute fo:hyphenation-keep, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.688 Section 15.5.14, Maximum Hyphens**

- a. *The standard defines the attribute fo:hyphenation-ladder-count, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:hyphenation-ladder-count, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute fo:hyphenation-ladder-count, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.689 Section 15.5.15, Drop Caps**

- a. *The standard defines the element <style:drop-cap>, contained within the parent element <style:paragraph-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On save, if a second frame is anchored to the paragraph inside a drop cap, Word will lose the <style:drop-cap> element but retain the contents contained within the element tags.

On save and load, if a paragraph is both right-to-left and has a drop cap applied, Word will lose the <style:drop-cap> element but retain the contents contained within the element tags.

On save and load, if a paragraph has both fo:break-before=column and a drop cap applied, Word will lose the <style:drop-cap> element but retain the contents contained within the element tags.

- b. *The standard defines the attribute style:distance, contained within the element <style:drop-cap>, contained within the parent element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute style:length, contained within the element <style:drop-cap>, contained within the parent element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute style:lines, contained within the element <style:drop-cap>, contained within the parent element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute style:style-name, contained within the element <style:drop-cap>, contained within the parent element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <style:drop-caps>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- g. *The standard defines the element <style:drop-cap>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- h. *The standard defines the attribute style:distance, contained within the element <style:drop-cap>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute style:length, contained within the element <style:drop-cap>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute style:lines, contained within the element <style:drop-cap>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute style:style-name, contained within the element <style:drop-cap>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the element <style:drop-caps>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>



- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.690 Section 15.5.16, Register True**

- a. *The standard defines the attribute style:register-true, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:register-true, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute style:register-true, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>

- `<draw:custom-shape>`.

## **2.1.691 Section 15.5.17, Left and Right Margins**

- a. *The standard defines the attribute `fo:margin-left`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `fo:margin-right`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `fo:margin-left`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel maps this attribute to the indent value for text alignment.

On load, Excel only applies this attribute to the indent value for text alignment if the `fo:text-align` attribute is not specified, or either `fo:margin-left` has a value of "left" or `fo:margin-right` has a value of "right".

On save, Excel does not write this attribute if the alignment of the text is set to center or justified.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

And on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On read, percentage values are not supported.

- d. *The standard defines the attribute `fo:margin-right`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel maps this attribute to the indent value for text alignment.

On load, Excel only applies this attribute to the indent value for text alignment if the fo:text-align attribute is not specified, or either fo:margin-left has a value of "left" or fo:margin-right has a value of "right".

On save, Excel does not write this attribute if the alignment of the text is set to center or justified.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

And on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On read, percentage values are not supported.

- e. *The standard defines the attribute fo:margin-left, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On read, percentage values are not supported.

- f. *The standard defines the attribute fo:margin-right, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On read, percentage values are not supported.

### **2.1.692 Section 15.5.18, Text Indent**

- a. *The standard defines the attribute fo:text-indent, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:text-indent, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

And on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On read, percentage values are not supported.

- c. *The standard defines the attribute fo:text-indent, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On read, percentage values are not supported.

### **2.1.693 Section 15.5.19, Automatic Text Indent**

- a. *The standard defines the attribute `style:auto-text-indent`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:auto-text-indent`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:auto-text-indent`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.694 Section 15.5.20, Top and Bottom Margins**

- a. *The standard defines the attribute `fo:margin-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `fo:margin-top`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `fo:margin-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

And on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On read, percentage value is always read as "0".

- d. *The standard defines the attribute fo:margin-top, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

And on save for text in text boxes and shapes, SmartArt, and chart titles and labels. On read, percentage value is always read as "0".

- e. *The standard defines the attribute fo:margin-bottom, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>

- <draw:custom-shape>

On read, percentage value is always read as "0".

- f. *The standard defines the attribute fo:margin-top, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

On read, percentage value is always read as "0".

## **2.1.695 Section 15.5.21, Margins**

- a. *The standard defines the attribute fo:margin, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:margin, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute fo:margin, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.696 Section 15.5.22, Break Before and Break After**

- a. *The standard defines the attribute fo:break-after, contained within the element <style:paragraph-properties>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "auto", contained within the attribute fo:break-after, contained within the element <style:paragraph-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "column", contained within the attribute fo:break-after, contained within the element <style:paragraph-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "page", contained within the attribute fo:break-after, contained within the element <style:paragraph-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute fo:break-before, contained within the element <style:paragraph-properties>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the property "auto", contained within the attribute fo:break-before, contained within the element <style:paragraph-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the property "column", contained within the attribute fo:break-before, contained within the element <style:paragraph-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the property "page", contained within the attribute fo:break-before, contained within the element <style:paragraph-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.



- i. *The standard defines the attribute fo:break-after, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- j. *The standard defines the attribute fo:break-before, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- k. *The standard defines the attribute fo:break-after, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- I. *The standard defines the attribute fo:break-before, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.697 Section 15.5.23, Paragraph Background Color**

- a. *The standard defines the attribute fo:background-color, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:background-color, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute fo:background-color, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.698 Section 15.5.24, Paragraph Background Image

- a. *The standard defines the element <style:background-image>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <style:background-image>, contained within the parent element <style:header-footer-properties>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <style:background-image>, contained within the parent element <style:paragraph-properties>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <office:binary-data>, contained within the parent element <style:background-image>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <style:background-image>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- f. *The standard defines the attribute draw:opacity, contained within the element <style:background-image>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute style:filter-name, contained within the element <style:background-image>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `style:position`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:repeat`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `xlink:actuate`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `xlink:href`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute `xlink:show`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute `xlink:type`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the element `<style:background-image>`*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.699 Section 15.5.25, Border**

- a. *The standard defines the attribute `fo:border`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:border-bottom, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute fo:border-left, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute fo:border-right, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- e. *The standard defines the attribute fo:border-top, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. Support for each item in the string is as follows:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the attribute fo:border, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- g. *The standard defines the attribute fo:border-bottom, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- h. *The standard defines the attribute fo:border-left, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- i. *The standard defines the attribute fo:border-right, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- j. *The standard defines the attribute fo:border-top, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- k. *The standard defines the attribute fo:border, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- l. *The standard defines the attribute fo:border-bottom, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- m. *The standard defines the attribute fo:border-left, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- n. *The standard defines the attribute fo:border-right, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>



- <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>.
- o. *The standard defines the attribute fo:border-top, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.700 Section 15.5.26, Border Line Width**

- a. *The standard defines the attribute style:border-line-width, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:border-line-width-bottom, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute style:border-line-width-left, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute style:border-line-width-right, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- e. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- g. *The standard defines the attribute `style:border-line-width-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- h. *The standard defines the attribute `style:border-line-width-left`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- i. *The standard defines the attribute style:border-line-width-right, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- j. *The standard defines the attribute style:border-line-width-top, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- k. *The standard defines the attribute style:border-line-width, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- l. *The standard defines the attribute style:border-line-width-bottom, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- m. *The standard defines the attribute style:border-line-width-left, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- n. *The standard defines the attribute style:border-line-width-right, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>

- <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>.
- o. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.701 Section 15.5.27, Padding**

- a. *The standard defines the attribute `fo:padding`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute `fo:padding-right`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- e. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the attribute `fo:padding`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- g. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- h. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- i. *The standard defines the attribute fo:padding-right, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- j. *The standard defines the attribute fo:padding-top, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- k. *The standard defines the attribute fo:padding, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- l. *The standard defines the attribute fo:padding-bottom, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- m. *The standard defines the attribute fo:padding-left, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- n. *The standard defines the attribute fo:padding-right, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>



- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- o. *The standard defines the attribute fo:padding-top, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.702 Section 15.5.28, Shadow**

- a. *The standard defines the attribute style:shadow, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:shadow, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>

- <draw:custom-shape>
- c. *The standard defines the attribute style:shadow, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.703 Section 15.5.29, Keep with Next**

- a. *The standard defines the attribute fo:keep-with-next, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:keep-with-next, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute fo:keep-with-next, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

#### **2.1.704 Section 15.5.30, Line Numbering**

- a. *The standard defines the attribute `text:number-lines`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `text:number-lines`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute `text:number-lines`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>

- <draw:frame>
- <draw:custom-shape>.

### **2.1.705 Section 15.5.31, Line Number Start Value**

- a. *The standard defines the attribute text:line-number, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute text:line-number, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute text:line-number, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.706 Section 15.5.32, Text Autospace**

- a. *The standard defines the attribute style:text-autospace, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:text-autospace`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- c. *The standard defines the attribute `style:text-autospace`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

## **2.1.707 Section 15.5.33, Punctuation Wrap**

- a. *The standard defines the attribute `style:punctuation-wrap`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:punctuation-wrap`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute style:punctuation-wrap, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.708 Section 15.5.34, Line Break**

- a. *The standard defines the attribute style:line-break, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:line-break, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- c. *The standard defines the attribute style:line-break, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.709 Section 15.5.35, Vertical Alignment**

- a. *The standard defines the attribute style:vertical-align, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word defaults to a value of "baseline" instead of "auto".

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:vertical-align, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute `style:vertical-align`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.710 Section 15.5.36, Writing Mode**

- a. *The standard defines the attribute `style:writing-mode`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. ODF's `style:writing-mode` under the element `<style:paragraph-properties>` assigned to a paragraph correspond to OOXML's paragraph attribute `"rtl"`.

On save, only `"rl-tb"` and `"lr-tb"` are written for this attribute at the paragraph level, corresponding to the boolean `"rtl"` paragraph property in OOXML.

- b. *The standard defines the property `"lr"`, contained within the attribute `style:writing-mode`, contained within the element `<style:paragraph-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property `"lr-tb"`, contained within the attribute `style:writing-mode`, contained within the element `<style:paragraph-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property `"page"`, contained within the attribute `style:writing-mode`, contained within the element `<style:paragraph-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps the `"page"` value for `style:writing-mode` attribute to the default text direction for the language of the paragraph.

- e. *The standard defines the property `"rl"`, contained within the attribute `style:writing-mode`, contained within the element `<style:paragraph-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the property `"rl-tb"`, contained within the attribute `style:writing-mode`, contained within the element `<style:paragraph-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.



- g. *The standard defines the property "tb", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps the "tb" value for style:writing-mode to the default text direction for the language of the paragraph.

- h. *The standard defines the property "tb-lr", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the property "tb-rl", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- j. *The standard defines the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, Excel defaults to context-dependent reading order unless the following values are specified:

- "lr"
- "lr-tb"
- "tb-lr"
- "rl"
- "rl-tb"
- "tb-rl"

The values "lr", "lr-tb", and "tb-lr" are interpreted as left-to-right. The values "rl", "rl-tb", and "tb-rl" are interpreted as right-to-left.

On save, Excel will not write a value when the reading order is context dependent. Excel will write the value "rl" when right-to-left is set or the value "lr" when left-to-right is set.

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

And on save for text in text boxes and shapes, SmartArt, and chart titles and labels. ODF's attribute style:writing-mode under the element <style:paragraph-properties> assigned to a paragraph correspond to OOXML's paragraph attribute "rtl".

On read, enumerations "rl-tb" and "rl" are mapped to OOXML rtl=true, and all other values map to rtl=false.

On write, only "rl-tb" and "lr-tb" are written for this attribute at the paragraph level, corresponding to the boolean "rtl" paragraph property in OOXML.

- k. *The standard defines the property "lr", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- l. *The standard defines the property "lr-tb", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, when encountering this value, Excel will set the reading order to left-to-right.

- m. *The standard defines the property "page", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel defaults to context-dependent reading order, because the left-to-right or right-to-left reading order was not specified.

- n. *The standard defines the property "rl", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- o. *The standard defines the property "rl-tb", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, when encountering this value, Excel will set the reading order to right-to-left.

- p. *The standard defines the property "tb", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel defaults to context-dependent reading order, because the left-to-right or right-to-left reading order was not specified.

- q. *The standard defines the property "tb-lr", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, when encountering this value, Excel will set the reading order to left-to-right.

- r. *The standard defines the property "tb-rl", contained within the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, when encountering this value, Excel will set the reading order to right-to-left.

- s. *The standard defines the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

ODF's attribute style:writing-mode under the element <style:paragraph-properties> assigned to a paragraph correspond to PowerPoint's paragraph attribute "rtl".

On read, enumerations "rl-tb" and "rl" are mapped to PowerPoint "rtl" equals the value true, and all other values map to "rtl" equals the value false.

On write, only "rl-tb" and "lr-tb" are written for this attribute at the paragraph level, corresponding to the boolean "rtl" paragraph property in PowerPoint.

### **2.1.711 Section 15.5.37, Automatic Writing Mode**

- a. *The standard defines the attribute style:writing-mode-automatic, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:writing-mode-automatic, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute style:writing-mode-automatic, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.712 Section 15.5.38, Snap To Layout**

- a. *The standard defines the attribute `style:snap-to-layout-grid`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:snap-to-layout-grid`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute `style:snap-to-layout-grid`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>

- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.713 Section 15.5.39, Page Number**

- a. *The standard defines the attribute style:page-number, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:page-number, contained within the element <style:paragraph-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute style:page-number, contained within the element <style:paragraph-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.714 Section 15.5.40, Background Transparency**

- a. *The standard defines the attribute style:background-transparency, contained within the element <style:paragraph-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:background-transparency`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- c. *The standard defines the attribute `style:background-transparency`, contained within the element `<style:paragraph-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

## **2.1.715 Section 15.6, Ruby Text Formatting Properties**

- a. *The standard defines the element `<style:ruby-properties>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element `<style:ruby-properties>`*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

c. *The standard defines the element <style:ruby-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.716 Section 15.6.1, Ruby Position

a. *The standard defines the attribute style:ruby-position, contained within the element <style:ruby-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word always displays Ruby text above the base text or to the left of the base text when text direction is vertical.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

b. *The standard defines the attribute style:ruby-position, contained within the element <style:ruby-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>

- <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- c. *The standard defines the attribute style:ruby-position, contained within the element <style:ruby-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.717 Section 15.6.2, Ruby Alignment**

- a. *The standard defines the attribute style:ruby-align, contained within the element <style:ruby-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:ruby-align, contained within the element <style:ruby-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute style:ruby-align, contained within the element <style:ruby-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>



- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.718 Section 15.7, Section Formatting Properties**

- a. *The standard defines the element <style:section-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <style:section-properties>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the element <style:section-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.719 Section 15.7.1, Section Background

- a. *The standard defines the element <style:background-image>, contained within the parent element <style:section-properties>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:background-color, contained within the element <style:section-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the element <style:background-image>, contained within the parent element <style:section-properties>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- d. *The standard defines the attribute fo:background-color, contained within the element <style:section-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- e. *The standard defines the element <style:background-image>, contained within the parent element <style:section-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- f. *The standard defines the attribute fo:background-color, contained within the element <style:section-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.720 Section 15.7.2, Margins**

- a. *The standard defines the attribute fo:margin-left, contained within the element <style:section-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:margin-right, contained within the element <style:section-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute fo:margin-left, contained within the element <style:section-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- d. *The standard defines the attribute fo:margin-right, contained within the element <style:section-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- e. *The standard defines the attribute fo:margin-left, contained within the element <style:section-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- f. *The standard defines the attribute fo:margin-right, contained within the element <style:section-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.721 Section 15.7.3, Columns**

- a. *The standard defines the element <style:columns>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <style:columns>, contained within the parent element <style:section-properties>*

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute fo:column-count, contained within the element <style:columns>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute fo:column-gap, contained within the element <style:columns>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the element <style:columns>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the element <style:columns>, contained within the parent element <style:section-properties>*

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- g. *The standard defines the attribute `fo:column-count`, contained within the element `<style:columns>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `fo:column-gap`, contained within the element `<style:columns>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the element `<style:columns>`, contained within the parent element `<style:section-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

## **2.1.722 Section 15.7.4, Column Specification**

- a. *The standard defines the element `<style:column>`, contained within the parent element `<style:columns>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `fo:end-indent`, contained within the element `<style:column>`, contained within the parent element `<style:columns>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `fo:space-after`, contained within the element `<style:column>`, contained within the parent element `<style:columns>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `fo:space-before`, contained within the element `<style:column>`, contained within the parent element `<style:columns>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `fo:start-indent`, contained within the element `<style:column>`, contained within the parent element `<style:columns>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `style:rel-width`, contained within the element `<style:column>`, contained within the parent element `<style:columns>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the element <style:column>, contained within the parent element <style:columns>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:frame>
  - <draw:text-box>
  - <draw:custom-shape>
- h. *The standard defines the attribute fo:end-indent, contained within the element <style:column>, contained within the parent element <style:columns>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute fo:space-after, contained within the element <style:column>, contained within the parent element <style:columns>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute fo:space-before, contained within the element <style:column>, contained within the parent element <style:columns>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute fo:start-indent, contained within the element <style:column>, contained within the parent element <style:columns>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute style:rel-width, contained within the element <style:column>, contained within the parent element <style:columns>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the element <style:column>, contained within the parent element <style:columns>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.723 Section 15.7.5, Column Separator**

- a. *The standard defines the element <style:column-sep>, contained within the parent element <style:columns>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute style:color, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute style:height, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the property "dashed", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the property "dot-dashed", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the property "dotted", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the property "none", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the property "solid", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the attribute style:vertical-align, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- j. *The standard defines the attribute style:width, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.



- k. *The standard defines the element <style:column-sep>, contained within the parent element <style:columns>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this element on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- l. *The standard defines the attribute style:color, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute style:height, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the property "dashed", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the property "dot-dashed", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the property "dotted", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the property "none", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the property "solid", contained within the attribute style:style, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute style:vertical-align, contained within the element <style:column-sep>, contained within the parent element <style:columns>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the attribute `style:width`, contained within the element `<style:column-sep>`, contained within the parent element `<style:columns>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the element `<style:column-sep>`, contained within the parent element `<style:columns>`*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

#### **2.1.724 Section 15.7.6, Protect**

- a. *The standard defines the attribute `style:protect`, contained within the element `<style:section-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `style:protect`, contained within the element `<style:section-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

- c. *The standard defines the attribute `style:protect`, contained within the element `<style:section-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.725 Section 15.7.7, Don't Balance Text Columns**

- a. *The standard defines the attribute `text:don't-balance-text-columns`, contained within the element `<style:section-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `text:don't-balance-text-columns`, contained within the element `<style:section-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- c. *The standard defines the attribute `text:don't-balance-text-columns`, contained within the element `<style:section-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## 2.1.726 Section 15.7.8, Writing Mode

- a. *The standard defines the attribute style:writing-mode, contained within the element <style:section-properties>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the property "lr", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "lr-tb", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "page", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

For all unsupported values of the style:writing-mode attribute, Word reverts to the default text direction based on the locale of the application.

- e. *The standard defines the property "rl", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

For all unsupported values of the style:writing-mode attribute, Word reverts to the default text direction based on the locale of the application.

- f. *The standard defines the property "rl-tb", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the property "tb", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

For all unsupported values of the style:writing-mode attribute, Word reverts to the default text direction based on the locale of the application.

- h. *The standard defines the property "tb-lr", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the property "tb-rl", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- j. *The standard defines the attribute style:writing-mode, contained within the element <style:section-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- k. *The standard defines the property "lr-tb", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the property "page", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the property "rl-tb", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the property "tb", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the property "tb-lr", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the property "tb-rl", contained within the attribute style:writing-mode, contained within the element <style:section-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the attribute style:writing-mode, contained within the element <style:section-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.727 Section 15.7.9, Notes Configuration**

- a. *The standard defines the element <text:notes-configuration>, contained within the parent element <style:section-properties>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.728 Section 15.8, Table Formatting Properties**

- a. *The standard defines the element <style:table-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <style:table-properties>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the element <style:table-properties>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.729 Section 15.8.1, Table Width**

- a. *The standard defines the attribute style:rel-width, contained within the element <style:table-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, if the width of the table is greater than can be supported by Word, the table will be automatically sized to fit the page.

- b. *The standard defines the attribute style:width, contained within the element <style:table-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, if the width of the table is greater than can be supported by Word, the table will be automatically sized to fit the page.

- c. *The standard defines the attribute style:rel-width, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute style:width, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.730 Section 15.8.2, Table Alignment**

- a. *The standard defines the property "center", contained within the attribute table:align, contained within the element <style:table-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "left", contained within the attribute table:align, contained within the element <style:table-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "margins", contained within the attribute table:align, contained within the element <style:table-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word treats this value for the table:align attribute as "left".

- d. *The standard defines the property "right", contained within the attribute table:align, contained within the element <style:table-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute table:align, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.731 Section 15.8.3, Table Left and Right Margin**

- a. *The standard defines the attribute fo:margin-left, contained within the element <style:table-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute fo:margin-right, contained within the element <style:table-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:margin-left, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute fo:margin-right, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.732 Section 15.8.4, Table Top and Bottom Margin**

- a. *The standard defines the attribute fo:margin-bottom, contained within the element <style:table-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute fo:margin-top, contained within the element <style:table-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:margin-bottom, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute fo:margin-top, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.733 Section 15.8.5, Table Margins**

- a. *The standard defines the attribute fo:margin, contained within the element <style:table-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word only supports a left margin for tables. On load, the value for fo:margin is applied to the left margin for the table.

- b. *The standard defines the attribute fo:margins, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.734 Section 15.8.6, Page Number**

- a. *The standard defines the attribute style:page-number, contained within the element <style:table-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:page-number, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.735 Section 15.8.7, Break Before and Break After**

- a. *The standard defines the attribute fo:break-after, contained within the element <style:table-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word applies the fo:break-after attribute to the document as a page break (after the table) that is separate from the table.

- b. *The standard defines the attribute fo:break-before, contained within the element <style:table-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word applies the fo:break-before attribute to the document as a page break (before the table) that is separate from the table.

- c. *The standard defines the attribute fo:break-after, contained within the element <style:table-properties>*



This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute fo:break-before, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.736 Section 15.8.8, Table Background and Background Image**

- a. *The standard defines the attribute fo:background-color, contained within the element <style:table-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads and applies the fo:background-color attribute. On save, Word writes this attribute as a part of the cell style of each individual table cell in the table.

- b. *The standard defines the element <style:background-image>, contained within the parent element <style:table-properties>*

This element is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute fo:background-color, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.737 Section 15.8.9, Table Shadow**

- a. *The standard defines the attribute style:shadow, contained within the element <style:table-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:shadow, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.738 Section 15.8.10, Keep with Next**

- a. *The standard defines the attribute fo:keep-with-next, contained within the element <style:table-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute fo:keep-with-next, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.739 Section 15.8.11, May Break Between Rows**

- a. *The standard defines the attribute style:may-break-between-rows, contained within the element <style:table-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:may-break-between-rows`, contained within the element `<style:table-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.740 Section 15.8.12, Border Model Property**

- a. *The standard defines the attribute `table:border-model`, contained within the element `<style:table-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word only supports the "collapsing" value of the `table:border-model` attribute.

- b. *The standard defines the attribute `table:border-model`, contained within the element `<style:table-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.741 Section 15.8.13, Writing Mode**

- a. *The standard defines the property "lr", contained within the attribute `style:writing-mode`, contained within the element `<style:table-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "lr-tb", contained within the attribute `style:writing-mode`, contained within the element `<style:table-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "page", contained within the attribute `style:writing-mode`, contained within the element `<style:table-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the property "rl", contained within the attribute `style:writing-mode`, contained within the element `<style:table-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the property "rl-tb", contained within the attribute `style:writing-mode`, contained within the element `<style:table-properties>`*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the property "tb", contained within the attribute `style:writing-mode`, contained within the element `<style:table-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- g. *The standard defines the property "tb-lr", contained within the attribute `style:writing-mode`, contained within the element `<style:table-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

This value for the `style:writing-mode` attribute causes the layout of the table to be left-to-right.

- h. *The standard defines the property "tb-rl", contained within the attribute `style:writing-mode`, contained within the element `<style:table-properties>`*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

This value for the style:writing-mode attribute causes the layout of the table to be right-to-left.

- i. *The standard defines the attribute style:writing-mode, contained within the element <style:table-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.742 Section 15.8.14, Display**

- a. *The standard defines the attribute table:display, contained within the element <style:table-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:display, contained within the element <style:table-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.743 Section 15.9, Column Formatting Properties**

- a. *The standard defines the element <style:table-column-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:column-width, contained within the element <style:table-column-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute style:table-column-properties, contained within the element <style:style>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the property "style-properties-content", contained within the attribute style:table-column-properties, contained within the element <style:style>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the element <style:table-column-properties>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.744 Section 15.9.1, Column Width**

- a. *The standard defines the attribute style:rel-column-width, contained within the element <style:table-column-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:column-width, contained within the element <style:table-column-properties>, contained within the parent element <style:style>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute `style:rel-column-width`, contained within the element `<style:table-column-properties>`, contained within the parent element `<style:style>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.745 Section 15.9.2, Optimal Table Column Width**

- a. *The standard defines the attribute `style:use-optimal-column-width`, contained within the element `<style:table-column-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word has a table-level autofit property, while ODF has autofit properties at both the row and column-level.

On load, if all the columns and all the rows of the table support the same value for this attribute, then it is preserved at the table-level. Otherwise, the property is lost.

- b. *The standard defines the property `"style:use-optimal-column-width"`, contained within the attribute `style:table-column-properties`, contained within the element `<style:style>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, if the `style:use-optimal-column-width` attribute contains the value "true", then Excel may widen the column to fit the digits of a number value entered in the column.

On save, Excel writes the value "true" for the `style:use-optimal-column-width` attribute for columns that do not have a default width because they have been widened to fit an existing number value.

Excel writes the value "false" for the `style:use-optimal-column-width` attribute if the column has been set to a custom size or the column has not been automatically widened to fit an existing number value.

### **2.1.746 Section 15.9.3, Break Before and Break After**

- a. *The standard defines the attribute `fo:break-after`, contained within the element `<style:table-column-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `fo:break-before`, contained within the element `<style:table-column-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property `"fo:break-after"`, contained within the attribute `style:table-column-properties`, contained within the element `<style:style>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the property `"fo:break-before"`, contained within the attribute `style:table-column-properties`, contained within the element `<style:style>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.747 Section 15.10, Table Row Formatting Properties**

- a. *The standard defines the element `<style:table-row-properties>`*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <style:table-row-properties>, contained within the parent element <style:style>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the element <style:table-row-properties>*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.748 Section 15.10.1, Row Height**

- a. *The standard defines the attribute style:min-row-height, contained within the element <style:table-row-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:row-height, contained within the element <style:table-row-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute style:min-row-height, contained within the element <style:table-row-properties>, contained within the parent element <style:style>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute style:row-height, contained within the element <style:table-row-properties>, contained within the parent element <style:style>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On save, Excel writes a value of "0" if the row is hidden.

### **2.1.749 Section 15.10.2, Optimal Table Row Height**

- a. *The standard defines the attribute style:use-optimal-row-height, contained within the element <style:table-row-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

Word has a table-level autofit property, and ODF has autofit properties at both the row and column-level.

On load, if all the columns and all the rows of the table support the same value for this attribute, then it is preserved at the table-level. Otherwise, the property is not preserved.

- b. *The standard defines the property "style:use-optimal-row-height", contained within the attribute style:table-row-properties, contained within the element <style:style>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.750 Section 15.10.3, Row Background**

- a. *The standard defines the attribute fo:background-color, contained within the element <style:table-row-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

On load, Word reads and applies the `fo:background-color` attribute. On save, Word writes this attribute as a part of the cell style of each individual table cell in the row.

- b. *The standard defines the property "fo:background-color", contained within the attribute `style:table-row-properties`, contained within the element `<style:style>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the property "style:background-image", contained within the attribute `style:table-row-properties`, contained within the element `<style:style>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.751 Section 15.10.4, Break Before and Break After**

- a. *The standard defines the attribute `fo:break-after`, contained within the element `<style:table-row-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `fo:break-before`, contained within the element `<style:table-row-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "fo:break-before", contained within the attribute `style:table-row-properties`, contained within the element `<style:style>`*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, if the `fo:break-after` property is set to any value other than "auto", then Excel sets a page break after the corresponding row or column. If the `fo:break-before` property is set to any value other than "auto" and the `fo:break-after` property is not specified, or set to "auto", then Excel sets a page break before the corresponding row or column. If both the `fo:break-before` and `fo:break-after` properties have a value of "auto" or are not specified, then Excel does not set a page break for the corresponding row or column.

On save, Excel writes out the value "auto" for the `fo:break-before` property, and either nothing or "page" for the `fo:break-after` property.

- d. *The standard defines the attribute `fo:break-after`, contained within the element `<style:table-row-properties>`, contained within the parent element `<style:style>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.752 Section 15.10.5, Keep Together**

- a. *The standard defines the attribute `fo:keep-together`, contained within the element `<style:table-row-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "fo:keep-together", contained within the attribute `style:table-row-properties`, contained within the element `<style:style>`*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element `<style:table-cell-properties>`*

This element is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.753 Section 15.11, Table Cell Formatting Properties**

- a. *The standard defines the element <style:table-cell-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.754 Section 15.11.1, Vertical Alignment**

- a. *The standard defines the attribute style:vertical-align, contained within the element <style:table-cell-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:vertical-align, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the property "automatic", contained within the attribute style:vertical-align, contained within the element <style:table-cell-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- d. *The standard defines the property "bottom", contained within the attribute style:vertical-align, contained within the element <style:table-cell-properties>*

This property is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

On load, Excel maps the vertical alignment property to automatic.

- e. *The standard defines the property "middle", contained within the attribute style:vertical-align, contained within the element <style:table-cell-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- f. *The standard defines the property "top", contained within the attribute style:vertical-align, contained within the element <style:table-cell-properties>*

This property is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.755 Section 15.11.2, Text Align Source**

- a. *The standard defines the attribute style:text-align-source, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:text-align-source, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.756 Section 15.11.3, Direction**

- a. *The standard defines the attribute style:direction, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:direction, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.757 Section 15.11.4, Vertical Glyph Orientation**

- a. *The standard defines the attribute style:glyph-orientation-vertical, contained within the element <style:table-cell-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute style:glyph-orientation-vertical, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.758 Section 15.11.5, Cell Shadow**

- a. *The standard defines the attribute style:shadow, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:shadow, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.759 Section 15.11.6, Cell Background**

- a. *The standard defines the attribute fo:background-color, contained within the element <style:table-cell-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute fo:background-color, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- c. *The standard defines the attribute style-background-image, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.760 Section 15.11.7, Cell Border**

- a. *The standard defines the attribute fo:border, contained within the element <style:table-cell-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.



The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. The following summarizes the support for each item in the string:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
  - Word supports all values for color.
- b. *The standard defines the attribute fo:border-bottom, contained within the element <style:table-cell-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. The following summarizes the support for each item in the string:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
  - Word supports all values for color.
- c. *The standard defines the attribute fo:border-left, contained within the element <style:table-cell-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. The following summarizes the support for each item in the string:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
  - Word supports all values for color.
- d. *The standard defines the attribute fo:border-right, contained within the element <style:table-cell-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. The following summarizes the support for each item in the string:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
  - Word supports all values for color.
- e. *The standard defines the attribute fo:border-top, contained within the element <style:table-cell-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

The string value for this attribute is discussed in detail in section 7.29.3 of the XSL specification. The following summarizes the support for each item in the string:

- Word supports all values of border-width and supports the following values for border-style: "none", "dotted", "dashed", "solid", "double", "inset", and "outset". All other values for border-style map to "solid".
- Word supports all values for color.

- f. *The standard defines the attribute fo:border, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, when the border width has been numerically specified, the value is mapped to "thin", "medium", or "thick", as appropriate.

Excel does not support the following ODF border styles: "groove", "ridge", "inset", and "outset". These styles map to a "solid" border type.

On save Excel maps border length as follows: medium and medium dashed borders map to a 2.0 pt border; thick borders maps to the value "thick", and all other borders map to the value "thin".

On save, Excel maps border types as follows: dotted border types maps to the value "dotted", dashed and medium dashed border types map to the value "dashed", double border types map to the value "double", and all other border types map to the value "solid".

- g. *The standard defines the attribute fo:border-bottom, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, when the border width has been numerically specified, the value is mapped to "thin", "medium", or "thick", as appropriate.

Excel does not support the following ODF border styles: groove, ridge, inset, and outset. These styles map to the value "solid".

On save, Excel maps border length as follows: medium and medium dashed borders map to the value "2.0 pt" border; thick borders maps to the value "thick", and all other borders map to the value "thin".

On save, Excel maps border types as follows: dotted border types maps to the value "dotted", dashed and medium dashed border types map to the value "dashed", double border types map to the value "double", and all other border types map to the value "solid".

- h. *The standard defines the attribute fo:border-left, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, when the border width has been numerically specified, the value is mapped to "thin", "medium", or "thick", as appropriate.

Excel does not support the following ODF border styles: groove, ridge, inset, and outset. These styles map to the value "solid".

On save, Excel maps border length as follows: medium and medium dashed borders map to the value "2.0 pt" border; thick borders maps to the value "thick", and all other borders map to the value "thin".

On save, Excel maps border types as follows: dotted border types maps to the value "dotted", dashed and medium dashed border types map to the value "dashed", double border types map to the value "double", and all other border types map to the value "solid".

- i. *The standard defines the attribute fo:border-right, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, when the border width has been numerically specified, the value is mapped to "thin", "medium", or "thick", as appropriate.

Excel does not support the following ODF border styles: groove, ridge, inset, and outset. These styles map to the value of "solid".

On save, Excel maps border length as follows: medium and medium dashed borders map to the value of "2.0 pt" border; thick borders maps to the value "thick", and all other borders map to the value "thin".

On save, Excel maps border types as follows: dotted border types maps to the value "dotted", dashed and medium dashed border types map to the value "dashed", double border types map to the value "double", and all other border types map to the value "solid".

- j. *The standard defines the attribute fo:border-top, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, when the border width has been numerically specified, the value is mapped to "thin", "medium", or "thick", as appropriate.

Excel does not support the following ODF border styles: groove, ridge, inset, and outset. These styles map to the value of "solid".

On save, Excel maps border length as follows: medium and medium dashed borders map to the value of "2.0 pt" border; thick borders maps to the value "thick", and all other borders map to the value "thin".

On save, Excel maps border types as follows: dotted border types maps to the value "dotted", dashed and medium dashed border types map to the value "dashed", double border types map to the value "double", and all other border types map to the value "solid".

## **2.1.761 Section 15.11.8, Diagonal Lines**

- a. *The standard defines the attribute style:diagonal-bl-tr, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:diagonal-bl-tr-widths, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute style:diagonal-tl-br, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute style:diagonal-tl-br-widths, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute style:diagonal-bl-tr, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, when the border width has been numerically specified, the value is mapped to "thin", "medium", or "thick", as appropriate.

Excel does not support the following ODF border styles: groove, ridge, inset, and outset. These styles map to the value of "solid".

On save, Excel maps border length as follows: medium and medium dashed borders map to the value of "2.0 pt" border; thick borders maps to the value "thick", and all other borders map to the value "thin".

On save, Excel maps border types as follows: dotted border types maps to the value "dotted", dashed and medium dashed border types map to the value "dashed", double border types map to the value "double", and all other border types map to the value "solid".

- f. *The standard defines the attribute `style:diagonal-bl-tr-widths`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `style:diagonal-tl-br`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

On load, when the border width has been numerically specified, the value is mapped to "thin", "medium", or "thick", as appropriate.

Excel does not support the following ODF border styles: groove, ridge, inset, and outset. These styles map to the value of "solid".

On save, Excel maps border length as follows: medium and medium dashed borders map to the value of "2.0 pt" border; thick borders maps to the value "thick", and all other borders map to the value "thin".

On save, Excel maps border types as follows: dotted border types maps to the value "dotted", dashed and medium dashed border types map to the value "dashed", double border types map to the value "double", and all other border types map to the value "solid".

- h. *The standard defines the attribute `style:diagonal-tl-br-widths`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

## **2.1.762 Section 15.11.9, Border Line Width**

- a. *The standard defines the attribute `style:border-line-bottom-width`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:border-line-left-width`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `style:border-line-right-width`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `style:border-line-top-width`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `style:border-line-width-bottom`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `style:border-line-width-left`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:border-line-width-right`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.763 Section 15.11.10, Padding**

- a. *The standard defines the attribute `fo:padding`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `fo:padding-right`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `fo:padding`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `fo:padding-right`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.764 Section 15.11.11, Wrap Option**

- a. *The standard defines the attribute `fo:wrap-option`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `fo:wrap-option`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.765 Section 15.11.12, Rotation Angle**

- a. *The standard defines the attribute `style:rotation-angle`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:rotation-angle`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

Excel supports only values within these ranges: 0 - 90 and 270 - 360.

On load, Excel does not ignore values outside of these ranges. On save, Excel does not write the `style:rotation-angle` attribute if the `style:direction` attribute is the value "ttb".

#### **2.1.766 Section 15.11.13, Rotation Align**

- a. *The standard defines the attribute `style:rotation-align`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:rotation-align, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.767 Section 15.11.14, Cell Protect**

- a. *The standard defines the attribute style:cell-protect, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:cell-protect, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

#### **2.1.768 Section 15.11.15, Print Content**

- a. *The standard defines the attribute style:print-content, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:print-content, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.769 Section 15.11.16, Decimal places**

- a. *The standard defines the attribute style:decimal-places, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:decimal-places, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.770 Section 15.11.17, Repeat Content**

- a. *The standard defines the attribute style:repeat-content, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:repeat-content, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This attribute maps to the fill horizontal alignment property in Excel.

### **2.1.771 Section 15.11.18, Shrink To Fit**

- a. *The standard defines the attribute style:shrink-to-fit, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:shrink-to-fit, contained within the element <style:table-cell-properties>*

This attribute is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.772 Section 15.12, List-Level Style Properties**

- a. *The standard defines the element <style:list-level-properties>*

This element is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the element <style:list-level-properties>, contained within the parent element <text:list-level-style-bullet>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt.

- c. *The standard defines the attribute fo:height, contained within the element <style:list-level-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- d. *The standard defines the attribute fo:text-align, contained within the element <style:list-level-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt.

- e. *The standard defines the attribute fo:width, contained within the element <style:list-level-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- f. *The standard defines the attribute style:font-name, contained within the element <style:list-level-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- g. *The standard defines the attribute style:vertical-pos, contained within the element <style:list-level-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word ignores the style:vertical-pos property on load, but writes it out on save.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt.

- h. *The standard defines the attribute style:vertical-rel, contained within the element <style:list-level-properties>*



This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

Word ignores the style:vertical-rel property on load, but writes it out on save.

- i. *The standard defines the attribute text:min-label-distance, contained within the element <style:list-level-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt.

- j. *The standard defines the attribute text:min-label-width, contained within the element <style:list-level-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- k. *The standard defines the attribute text:space-before, contained within the element <style:list-level-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- l. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the element <style:list-level-properties>, contained within the parent element <text:list-level-style-bullet>*

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes and for SmartArt and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

- n. *The standard defines the element <style:list-level-properties>, contained within the parent element <text:list-level-style-image>*

OfficeArt Math in Excel 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>

- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes.

- o. *The standard defines the element <style:list-level-properties>, contained within the parent element <text:list-level-style-number>*

OfficeArt Math in Excel 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in text boxes and shapes.

- p. *The standard defines the attribute fo:height, contained within the element <style:list-level-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, and for SmartArt.

- q. *The standard defines the attribute fo:text-align, contained within the element <style:list-level-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, and for SmartArt.

- r. *The standard defines the attribute fo:width, contained within the element <style:list-level-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- s. *The standard defines the attribute style:font-name, contained within the element <style:list-level-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, and for SmartArt.

- t. *The standard defines the attribute style:vertical-pos, contained within the element <style:list-level-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, and for SmartArt.

- u. *The standard defines the attribute `text:min-label-distance`, contained within the element `<style:list-level-properties>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 does not support this attribute on save for text in text boxes and shapes, and for SmartArt.

- v. *The standard defines the attribute `text:min-label-width`, contained within the element `<style:list-level-properties>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, and for SmartArt.

- w. *The standard defines the attribute `text:space-before`, contained within the element `<style:list-level-properties>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`.

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, and for SmartArt.

- x. *The standard defines the element `<style:list-level-properties>`, contained within the parent element `<text:list-level-style-bullet>`*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

- y. *The standard defines the element `<style:list-level-properties>`, contained within the parent element `<text:list-level-style-image>`*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`

- <draw:custom-shape>.
- z. *The standard defines the element <style:list-level-properties>, contained within the parent element <text:list-level-style-number>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- aa. *The standard defines the attribute fo:height, contained within the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- bb. *The standard defines the attribute fo:text-align, contained within the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

cc. *The standard defines the attribute fo:width, contained within the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

dd. *The standard defines the attribute style:font-name, contained within the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

ee. *The standard defines the attribute style:vertical-pos, contained within the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

ff. *The standard defines the attribute text:min-label-distance, contained within the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

gg. *The standard defines the attribute text:min-label-width, contained within the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

hh. *The standard defines the attribute text:space-before, contained within the element <style:list-level-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.773 Section 15.13, Stroke Properties**

a. *The standard defines the parent element <style:graphic-properties>*

Word 2013 supports this for a style applied to any of the following elements:



- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

On load, a border applied to a text box in a group will be lost in Word.

- b. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

## **2.1.774 Section 15.13.1, Stroke Style**

- a. *The standard defines the attribute draw:stroke, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

On save, stroke styles are converted to a solid line when applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:custom-shape>
- <draw:text-box>
- <draw:frame> element containing a <draw:text-box> element

- b. *The standard defines the attribute `draw:stroke`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

If the stroke is applied to a <draw:line> or <draw:connector> element with zero width, the stroke style will be lost and will be converted to a solid stroke style on load into Excel.

If an ODS file is saved as XLS format from Excel, the stroke style will be lost and will become a solid line.

- c. *The standard defines the attribute `draw:stroke`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to one of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>` element containing a `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

If the stroke is applied to a `<draw:line>` or `<draw:connector>` element with zero width, the stroke style will be lost and will be converted to a solid stroke style on load into PowerPoint.

#### **2.1.775 Section 15.13.2, Dash**

- a. *The standard defines the attribute `draw:stroke-dash`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

Dash styles that cannot be represented are converted to solid lines.

- b. *The standard defines the attribute `draw:stroke-dash`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to one of the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Dash styles that cannot be represented are converted to solid lines.

- c. *The standard defines the attribute `draw:stroke-dash`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to one of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Dash styles that cannot be represented are converted to solid lines.

### **2.1.776 Section 15.13.3, Multiple Dashes**

- a. *The standard defines the attribute `draw:stroke-dash-names`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- b. *The standard defines the attribute `draw:stroke-dash-names`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

- c. *The standard defines the attribute `draw:stroke-dash-names`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

### **2.1.777 Section 15.13.4, Width**

- a. *The standard defines the attribute `svg:stroke-width`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`

- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
  - <draw:custom-shape>
- b. *The standard defines the attribute `svg:stroke-width`, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the attribute `svg:stroke-width`, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

### **2.1.778 Section 15.13.5, Color**

- a. *The standard defines the attribute `svg:stroke-color`, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>

- <draw:caption>
  - <draw:measure>
  - <draw:g>
  - <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
  - <draw:custom-shape>
- b. *The standard defines the attribute `svg:stroke-color`, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the attribute `svg:stroke-color`, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

## **2.1.779 Section 15.13.6, Start Marker**

- a. *The standard defines the attribute `draw:marker-start`, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

- b. *The standard defines the attribute `draw:marker-start`, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

- c. *The standard defines the attribute `draw:marker-start`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to a `<draw:line>`, `<draw:connector>`, or `<draw:measure>` element.

### **2.1.780 Section 15.13.7, End Marker**

- a. *The standard defines the attribute `draw:marker-end`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to one of the following elements:

- `<draw:line>`
- `<draw:connector>`
- `<draw:measure>`

- b. *The standard defines the attribute `draw:marker-end`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to a `<draw:line>`, `<draw:connector>`, or `<draw:measure>` element.

- c. *The standard defines the attribute `draw:marker-end`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to a `<draw:line>`, `<draw:connector>`, or `<draw:measure>` element.

### **2.1.781 Section 15.13.8, Start Marker Width**

- a. *The standard defines the attribute `draw:marker-start-width`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to a `<draw:line>`, `<draw:connector>`, or `<draw:measure>` element.

- b. *The standard defines the attribute `draw:marker-start-width`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to a `<draw:line>`, `<draw:connector>`, or `<draw:measure>` element.

- c. *The standard defines the attribute `draw:marker-start-width`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to a `<draw:line>`, `<draw:connector>`, or `<draw:measure>` element.

### **2.1.782 Section 15.13.9, End Marker Width**

- a. *The standard defines the attribute `draw:marker-end-width`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to a `<draw:line>`, `<draw:connector>`, or `<draw:measure>` element.

- b. *The standard defines the attribute `draw:marker-end-width`, contained within the element `<style:graphic-properties>`*



Excel 2013 does not support this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

- c. *The standard defines the attribute `draw:marker-end-width`, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

### **2.1.783 Section 15.13.10, Start Marker Center**

- a. *The standard defines the attribute `draw:marker-start-center`, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

- b. *The standard defines the attribute `draw:marker-start-center`, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

- c. *The standard defines the attribute `draw:marker-start-center`, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

### **2.1.784 Section 15.13.11, End Marker Center**

- a. *The standard defines the attribute `draw:marker-end-center`, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

- b. *The standard defines the attribute `draw:marker-end-center`, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

- c. *The standard defines the attribute `draw:marker-end-center`, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:line>, <draw:connector>, or <draw:measure> element.

### **2.1.785 Section 15.13.12, Opacity**

- a. *The standard defines the attribute `svg:stroke-opacity`, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- b. *The standard defines the attribute `svg:stroke-opacity`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the attribute `svg:stroke-opacity`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

## **2.1.786 Section 15.13.13, Line Join**

- a. *The standard defines the attribute `draw:stroke-linejoin`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- b. *The standard defines the property "bevel", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the property "inherit", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing a <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

Word interprets this enumeration as "miter".

- d. *The standard defines the property "middle", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Word interprets this enumeration as "miter".

- e. *The standard defines the property "miter", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- f. *The standard defines the property "none", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Word interprets this enumeration as "round".

- g. *The standard defines the property "round", contained within the attribute `draw:stroke-linejoin`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this enum for a style applied to the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

- h. *The standard defines the attribute `draw:stroke-linejoin`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

- i. *The standard defines the property "bevel", contained within the attribute `draw:stroke-linejoin`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this enum for a style applied to the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`

- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
  - <draw:custom-shape>
- j. *The standard defines the property "inherit", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Excel interprets this enumeration as "miter".

- k. *The standard defines the property "middle", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Excel interprets this enumeration as "miter".

- l. *The standard defines the property "miter", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- m. *The standard defines the property "none", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

Excel interprets this enumeration as "round".

- n. *The standard defines the property "round", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- o. *The standard defines the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- p. *The standard defines the property "bevel", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- q. *The standard defines the property "inherit", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this enum for a style applied to one of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

PowerPoint interprets this enumeration as "miter".

- r. *The standard defines the property "middle", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this enum for a style applied to one of the following elements:



- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

PowerPoint interprets this enumeration as "miter".

- s. *The standard defines the property "miter", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- t. *The standard defines the property "none", contained within the attribute draw:stroke-linejoin, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this enum for a style applied to one of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

PowerPoint interprets this enumeration as "round".

- u. *The standard defines the property "round", contained within the attribute `draw:stroke-linejoin`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- `<draw:rect>`
- `<draw:line>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:connector>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

### **2.1.787 Section 15.14, Fill Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

Word 2013 supports this for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

- b. *The standard defines the parent element `<style:graphic-properties>`*

Excel 2013 supports this for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

- c. *The standard defines the parent element `<style:graphic-properties>`*

PowerPoint 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

## **2.1.788 Section 15.14.1, Fill Style**

- a. *The standard defines the attribute `draw:fill`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- b. *The standard defines the property "bitmap", contained within the attribute `draw:fill`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- c. *The standard defines the property "gradient", contained within the attribute `draw:fill`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- d. *The standard defines the property "hatch", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- e. *The standard defines the property "none", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- f. *The standard defines the property "solid", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- g. *The standard defines the attribute draw:fill, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- h. *The standard defines the property "bitmap", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- i. *The standard defines the property "gradient", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- j. *The standard defines the property "hatch", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>

- <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- k. *The standard defines the property "none", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- l. *The standard defines the property "solid", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- m. *The standard defines the attribute draw:fill, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- n. *The standard defines the property "bitmap", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- o. *The standard defines the property "gradient", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- p. *The standard defines the property "hatch", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this enum for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- q. *The standard defines the property "none", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- r. *The standard defines the property "solid", contained within the attribute draw:fill, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

### **2.1.789 Section 15.14.2, Color**

- a. *The standard defines the attribute draw:fill-color, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- b. *The standard defines the attribute draw:fill-color, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- c. *The standard defines the attribute draw:fill-color, contained within the element <style:graphic-properties>*



PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

### **2.1.790 Section 15.14.3, Secondary Fill Color**

- a. *The standard defines the attribute `draw:secondary-fill-color`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>

- b. *The standard defines the attribute `draw:secondary-fill-color`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:custom-shape>

- c. *The standard defines the attribute `draw:secondary-fill-color`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:custom-shape>

## 2.1.791 Section 15.14.4, Gradient

- a. *The standard defines the attribute `draw:fill-gradient-name`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- b. *The standard defines the attribute `draw:fill-gradient-name`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- c. *The standard defines the attribute `draw:fill-gradient-name`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

## 2.1.792 Section 15.14.5, Gradient Step Count

- a. *The standard defines the attribute `draw:gradient-step-count`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

- b. *The standard defines the attribute `draw:gradient-step-count`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

- c. *The standard defines the attribute `draw:gradient-step-count`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

## 2.1.793 Section 15.14.6, Hatch

- a. *The standard defines the attribute `draw:fill-hatch-name`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- b. *The standard defines the attribute `draw:fill-hatch-name`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- c. *The standard defines the attribute `draw:fill-hatch-name`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

## **2.1.794 Section 15.14.7, Solid Hatch**

- a. *The standard defines the attribute `draw:fill-hatch-solid`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- b. *The standard defines the attribute draw:fill-hatch-solid, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- c. *The standard defines the attribute draw:fill-hatch-solid, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

## **2.1.795      Section 15.14.8, Fill Image**

- a. *The standard defines the attribute draw:fill-image-name, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- b. *The standard defines the attribute `draw:fill-image-name`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

- c. *The standard defines the attribute `draw:fill-image-name`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

## **2.1.796 Section 15.14.9, Fill Image Rendering Style**

- a. *The standard defines the attribute `style:repeat`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

- b. *The standard defines the attribute `style:repeat`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the attribute style:repeat, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

## **2.1.797 Section 15.14.10, Fill Image Size**

- a. *The standard defines the attribute draw:fill-image-height, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

This attribute is not supported when style:repeat="no-repeat".

- b. *The standard defines the attribute draw:fill-image-width, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

This attribute is not supported when style:repeat="no-repeat".

- c. *The standard defines the attribute draw:fill-image-height, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to one of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

This attribute is not supported when style:repeat="no-repeat".

- d. *The standard defines the attribute draw:fill-image-width, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to one of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

This attribute is not supported when style:repeat="no-repeat".

- e. *The standard defines the attribute draw:fill-image-height, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to one of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>



- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

This attribute is not supported when style:repeat="no-repeat".

- f. *The standard defines the attribute draw:fill-image-width, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to one of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> element containing a <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

This attribute is not supported when style:repeat="no-repeat".

## **2.1.798 Section 15.14.11, Fill Image Tile Reference Point**

- a. *The standard defines the attribute draw:fill-image-ref-point, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- b. *The standard defines the attribute draw:fill-image-ref-point-x, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

c. *The standard defines the attribute draw:fill-image-ref-point-y, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

d. *The standard defines the attribute draw:fill-image-ref-point, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

e. *The standard defines the attribute draw:fill-image-ref-point-x, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- f. *The standard defines the attribute `draw:fill-image-ref-point-y`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

- g. *The standard defines the attribute `draw:fill-image-ref-point`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

- h. *The standard defines the attribute `draw:fill-image-ref-point-x`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing the elements `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>`
- `<draw:custom-shape>`

- i. *The standard defines the attribute `draw:fill-image-ref-point-y`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

## 2.1.799 Section 15.14.12, Fill Image Tile Translation

- a. *The standard defines the attribute draw:tile-repeat-offset, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- b. *The standard defines the attribute draw:tile-repeat-offset, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- c. *The standard defines the attribute draw:tile-repeat-offset, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element

- <draw:custom-shape>

## **2.1.800 Section 15.14.13, None and Linear Opacity**

- a. *The standard defines the attribute draw:opacity, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- b. *The standard defines the attribute draw:opacity, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- c. *The standard defines the attribute draw:opacity, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

## 2.1.801 Section 15.14.14, Gradient Opacity

- a. *The standard defines the attribute `draw:opacity-name`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

- b. *The standard defines the attribute `draw:opacity-name`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

- c. *The standard defines the attribute `draw:opacity-name`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:g>`
- `<draw:frame>` containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element
- `<draw:custom-shape>`

## 2.1.802 Section 15.14.15, Fill Rule

- a. *The standard defines the attribute `svg:fill-rule`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- b. *The standard defines the attribute `svg:fill-rule`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

- c. *The standard defines the attribute `svg:fill-rule`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

### **2.1.803 Section 15.14.16, Symbol color**

- a. *The standard defines the attribute `draw:symbol-color`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- b. *The standard defines the attribute `draw:symbol-color`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
  - <draw:polyline>
  - <draw:polygon>
  - <draw:regular-polygon>
  - <draw:path>
  - <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:g>
  - <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
  - <draw:custom-shape>
- c. *The standard defines the attribute `draw:symbol-color`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:g>
- <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> element
- <draw:custom-shape>

#### **2.1.804 Section 15.15, Text Animation Properties**

- a. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.805 Section 15.15.1, Animation**

- a. *The standard defines the attribute `text:animation`, contained within the element `<style:graphics-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.806 Section 15.15.2, Animation Direction**

- a. *The standard defines the attribute `text:animation-direction`, contained within the element `<style:graphics-properties>`*



This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.807 Section 15.15.3, Animation Start Inside**

- a. *The standard defines the attribute text:animation-start-inside, contained within the element <style:graphics-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.808 Section 15.15.4, Animation Stop Inside**

- a. *The standard defines the attribute text:animation-stop-inside, contained within the element <style:graphics-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.809 Section 15.15.5, Animation Repeat**

- a. *The standard defines the attribute text:animation-repeat, contained within the element <style:graphics-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.810 Section 15.15.6, Animation Delay**

- a. *The standard defines the attribute text:animation-delay, contained within the element <style:graphics-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.811 Section 15.15.7, Animation Steps**

- a. *The standard defines the attribute text:animation-steps, contained within the element <style:graphics-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.812 Section 15.16, Text and Text Alignment Properties**

- a. *The standard defines the element <style:graphic-properties>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

c. *The standard defines the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.813 Section 15.16.1, Auto Grow Width and Height**

a. *The standard defines the attribute draw:auto-grow-height, contained within the element <style:graphic-properties>*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

b. *The standard defines the attribute draw:auto-grow-width, contained within the element <style:graphic-properties>*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

c. *The standard defines the attribute draw:auto-grow-height, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>

- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- d. *The standard defines the attribute `draw:auto-grow-width`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute `draw:auto-grow-height`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>

- <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>.
- f. *The standard defines the attribute draw:auto-grow-width, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.814 Section 15.16.2, Fit To Size**

- a. *The standard defines the attribute draw:fit-to-size, contained within the element <style:graphic-properties>*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute draw:fit-to-size, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute `draw:fit-to-size`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.815 Section 15.16.3, Fit To Contour**

- a. *The standard defines the attribute `draw:fit-to-contour`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `draw:fit-to-contour`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute `draw:fit-to-contour`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.816 Section 15.16.4, Text Area Vertical Align**

- a. *The standard defines the attribute `draw:textarea-vertical-align`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. The conversion between ODF anchoring properties ("`draw:textarea-vertical-align`" and "`draw:textarea-horizontal-align`") and OOXML anchoring properties ("`bodyPr anchor`" and "`bodyPr anchorCtr`") is dependent on text direction attributes ("`style:writing-mode`" in ODF and "`bodyPr vert`" in OOXML). On write, OOXML anchoring properties are evaluated relative to the text direction of the text within the text box (or shape) and then mapped to ODF relative to the text box regardless of text direction within the shape.

- b. *The standard defines the attribute `draw:textarea-vertical-align`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels. The conversion between ODF anchoring properties (`draw:textarea-vertical-align` and `draw:textarea-horizontal-align`) and OOXML anchoring properties ("`bodyPr anchor`" and "`bodyPr anchorCtr`") is dependent on text direction attributes (`style:writing-mode` in ODF and "`bodyPr vert`" in OOXML). On write, OOXML anchoring properties are evaluated relative to the text direction of the text within the text box (or shape) and then mapped to ODF relative to the text box regardless of text direction within the shape. On read, the reverse is true: ODF anchoring values are evaluated relative to the position of the text box, regardless of text direction, and then are mapped to OOXML relative to the text direction within the text box.

- c. *The standard defines the attribute `draw:textarea-vertical-align`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in <the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

The conversion between ODF anchoring attributes (draw:textarea-vertical-align and draw:textarea-horizontal-align) and PowerPoint anchoring properties ("bodyPr anchor" and "bodyPr anchorCtr") is dependent on text direction attributes (style:writing-mode attribute in ODF and "bodyPr vert" in PowerPoint). On write, PowerPoint anchoring properties are evaluated relative to the text direction of the text within the text box (or shape) and then mapped to ODF relative to the text box regardless of text direction within the shape. On read, the reverse is true: ODF anchoring values are evaluated relative to the position of the text box, regardless of text direction, and then are mapped to PowerPoint relative to the text direction within the text box.

### **2.1.817 Section 15.16.5, Text Area Horizontal Align**

- a. *The standard defines the attribute draw:textarea-horizontal-align, contained within the element <style:graphic-properties>*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. The conversion between ODF anchoring properties (draw:textarea-vertical-align and draw:textarea-horizontal-align) and OOXML anchoring properties ("bodyPr anchor" and "bodyPr anchorCtr") is dependent on text direction attributes (style:writing-mode in ODF and "bodyPr vert" in OOXML). On write, OOXML anchoring properties are evaluated relative to the text direction of the text within the text box (or shape) and then mapped to ODF relative to the text box regardless of text direction within the shape.

- b. *The standard defines the attribute draw:textarea-horizontal-align, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels, and on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

The conversion between anchoring properties in the standard ("draw:textarea-vertical-align" and "draw:textarea-horizontal-align") and OOXML anchoring properties ("bodyPr anchor" and "bodyPr

anchorCtr") is dependent on text direction attributes (style:writing-mode in the standard and "bodyPr vert" in OOXML).

On write, OOXML anchoring properties are evaluated relative to the text direction of the text within the text box (or shape) and then mapped to properties in the standard relative to the text box regardless of text direction within the shape.

On read, the reverse is true: anchoring values in the standard are evaluated relative to the position of the text box, regardless of text direction, and then are mapped to OOXML relative to the text direction within the text box.

- c. *The standard defines the attribute `draw:textarea-horizontal-align`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`

The conversion between ODF anchoring properties (`draw:textarea-vertical-align` and `draw:textarea-horizontal-align`) and PowerPoint anchoring properties ("bodyPr anchor" and "bodyPr anchorCtr") is dependent on text direction attributes (style:writing-mode in ODF and "bodyPr vert" in PowerPoint). On write, PowerPoint anchoring properties are evaluated relative to the text direction of the text within the text box (or shape) and then mapped to ODF relative to the text box regardless of text direction within the shape. On read, the reverse is true: ODF anchoring values are evaluated relative to the position of the text box, regardless of text direction, and then are mapped to PowerPoint relative to the text direction within the text box.

### **2.1.818 Section 15.16.6, Word Wrap**

- a. *The standard defines the attribute `fo:word-wrap`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `fo:word-wrap`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`



- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute fo:word-wrap, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.819 Section 15.16.7, List Styles**

- a. *The standard defines the element <text:list-style>, contained within the parent element <style:graphic-properties>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <text:list-style>, contained within the parent element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>

- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the element <text:list-style>, contained within the parent element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.820 Section 15.17, Color Properties**

- a. *The standard defines the parent element <style:graphic-properties>*

Word 2013 supports this for a style applied to a <draw:frame> element containing a <draw:image> element.

- b. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 supports this for a style applied to a <draw:frame> element containing a <draw:image> element.

- c. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 supports this for a style applied to a <draw:frame> element containing a <draw:image> element.

## **2.1.821 Section 15.17.1, Color Mode**

- a. *The standard defines the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- b. *The standard defines the property "greyscale", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- c. *The standard defines the property "mono", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- d. *The standard defines the property "standard", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- e. *The standard defines the property "watermark", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- f. *The standard defines the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- g. *The standard defines the property "greyscale", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- h. *The standard defines the property "mono", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- i. *The standard defines the property "standard", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- j. *The standard defines the property "watermark", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- k. *The standard defines the attribute draw:color-mode, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- l. *The standard defines the property "greyscale", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- m. *The standard defines the property "mono", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- n. *The standard defines the property "standard", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

- o. *The standard defines the property "watermark", contained within the attribute draw:color-mode, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this enum for a style applied to a <draw:frame> element containing a <draw:image> element.

### **2.1.822 Section 15.17.2, Color Inversion**

- a. *The standard defines the attribute draw:color-inversion, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- b. *The standard defines the attribute draw:color-inversion, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- c. *The standard defines the attribute draw:color-inversion, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

### **2.1.823 Section 15.17.3, Adjust Luminance**

- a. *The standard defines the attribute draw:luminance, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element. This attribute is loaded but is not saved. The effect of this attribute is flattened into the picture on save.

- b. *The standard defines the attribute draw:luminance, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element. This attribute is loaded but is not saved. The effect of this attribute is flattened into the picture on save.

- c. *The standard defines the attribute draw:luminance, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element. This attribute is loaded but is not saved. The effect of this attribute is flattened into the picture on save.

### **2.1.824 Section 15.17.4, Adjust Contrast**

- a. *The standard defines the attribute `draw:contrast`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to a `<draw:frame>` element containing a `<draw:image>` element. This attribute is loaded but is not saved. The effect of this attribute is flattened into the picture on save.

- b. *The standard defines the attribute `draw:contrast`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to a `<draw:frame>` element containing a `<draw:image>` element. This attribute is loaded but is not saved. The effect of this attribute is flattened into the picture on save.

- c. *The standard defines the attribute `draw:contrast`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to a `<draw:frame>` element containing a `<draw:image>` element. This attribute is loaded but is not saved. The effect of this attribute is flattened into the picture on save.

### **2.1.825 Section 15.17.5, Adjust Gamma**

- a. *The standard defines the attribute `draw:gamma`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing a `<draw:image>` element.

- b. *The standard defines the attribute `draw:gamma`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing a `<draw:image>` element.

- c. *The standard defines the attribute `draw:gamma`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing a `<draw:image>` element.

### **2.1.826 Section 15.17.6, Adjust Red**

- a. *The standard defines the attribute `draw:red`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing a `<draw:image>` element.

- b. *The standard defines the attribute `draw:red`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing a `<draw:image>` element.

- c. *The standard defines the attribute `draw:red`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

### **2.1.827 Section 15.17.7, Adjust Green**

- a. *The standard defines the attribute draw:green, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- b. *The standard defines the attribute draw:green, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- c. *The standard defines the attribute draw:green, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

### **2.1.828 Section 15.17.8, Adjust Blue**

- a. *The standard defines the attribute draw:blue, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- b. *The standard defines the attribute draw:blue, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- c. *The standard defines the attribute draw:blue, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

### **2.1.829 Section 15.17.9, Adjust Opacity**

- a. *The standard defines the attribute draw:image-opacity, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- b. *The standard defines the attribute draw:image-opacity, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

- c. *The standard defines the attribute draw:image-opacity, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> element.

### **2.1.830 Section 15.18, Shadow Properties**

a. *The standard defines the parent element <style:graphic-properties>*

Word 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

b. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

c. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 supports this for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>

- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

### **2.1.831 Section 15.18.1, Shadow**

- a. *The standard defines the attribute draw:shadow, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- b. *The standard defines the attribute draw:shadow, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the attribute draw:shadow, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>



- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

### **2.1.832 Section 15.18.2, Offset**

- a. *The standard defines the attribute `draw:shadow-offset-x`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- b. *The standard defines the attribute `draw:shadow-offset-y`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the attribute `draw:shadow-offset-x`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- d. *The standard defines the attribute `draw:shadow-offset-y`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- e. *The standard defines the attribute `draw:shadow-offset-x`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- f. *The standard defines the attribute `draw:shadow-offset-y`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>

- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

### **2.1.833 Section 15.18.3, Color**

- a. *The standard defines the attribute `draw:shadow-color`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- b. *The standard defines the attribute `draw:shadow-color`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the attribute `draw:shadow-color`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

### **2.1.834 Section 15.18.4, Opacity**

- a. *The standard defines the attribute `draw:shadow-opacity`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- b. *The standard defines the attribute `draw:shadow-opacity`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

- c. *The standard defines the attribute `draw:shadow-opacity`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this attribute for a style applied to the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame> containing the elements <draw:image>, <draw:text-box>, or <draw:object-ole>
- <draw:custom-shape>

### **2.1.835 Section 15.19, Connector Properties**

- a. *The standard defines the parent element <style:graphic-properties>*

This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element <style:graphic-properties>*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element <style:graphic-properties>*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.836 Section 15.19.1, Start Line Spacing**

- a. *The standard defines the attribute draw:start-line-spacing-horizontal, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute draw:start-line-spacing-vertical, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute draw:start-line-spacing-horizontal, contained within the element <style:graphic-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute draw:start-line-spacing-vertical, contained within the element <style:graphic-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute draw:start-line-spacing-horizontal, contained within the element <style:graphic-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the attribute draw:start-line-spacing-vertical, contained within the element <style:graphic-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.837 Section 15.19.2, End Line Spacing**

- a. *The standard defines the attribute `draw:end-line-spacing-horizontal`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:end-line-spacing-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `draw:end-line-spacing-horizontal`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `draw:end-line-spacing-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `draw:end-line-spacing-horizontal`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the attribute `draw:end-line-spacing-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.838 Section 15.20, Measure Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.839 Section 15.20.1, Line Distance**

- a. *The standard defines the attribute `draw:line-distance`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:line-distance`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:line-distance`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.840 Section 15.20.2, Guide Overhang**

- a. *The standard defines the attribute `draw:guide-overhang`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:guide-overhang`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:guide-overhang`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.841 Section 15.20.3, Guide Distance**

- a. *The standard defines the attribute `draw:guide-distance`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:guide-distance`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:guide-distance`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.842 Section 15.20.4, Start Guide**

- a. *The standard defines the attribute `draw:start-guide`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:start-guide`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:start-guide`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.843 Section 15.20.5, End Guide**

- a. *The standard defines the attribute `draw:end-guide`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:end-guide`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:end-guide`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.844 Section 15.20.6, Placing**

- a. *The standard defines the attribute `draw:placing`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:placing`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:placing`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.845 Section 15.20.7, Parallel**

- a. *The standard defines the attribute `draw:parallel`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:parallel`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:parallel`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.



### **2.1.846 Section 15.20.8, Text Alignment**

- a. *The standard defines the attribute `draw:measure-align`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute `draw:measure-vertical-align`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- c. *The standard defines the attribute `draw:measure-align`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- d. *The standard defines the attribute `draw:measure-vertical-align`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- e. *The standard defines the attribute `draw:measure-align`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- f. *The standard defines the attribute `draw:measure-vertical-align`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.847 Section 15.20.9, Unit**

- a. *The standard defines the attribute `draw:unit`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute `draw:unit`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. *The standard defines the attribute `draw:unit`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.848 Section 15.20.10, Show Unit**

- a. *The standard defines the attribute `draw:show-unit`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:show-unit`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:show-unit`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.849 Section 15.20.11, Decimal Places**

- a. *The standard defines the attribute `draw:decimal-places`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:decimal-places`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:decimal-places`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.850 Section 15.21, Caption Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.851 Section 15.21.1, Type**

- a. *The standard defines the attribute `draw:caption-type`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:caption-type`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:caption-type`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.852 Section 15.21.2, Angle Type**

- a. *The standard defines the attribute `draw:caption-angle-type`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:caption-angle-type`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:caption-angle-type`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.853 Section 15.21.3, Angle**

- a. *The standard defines the attribute `draw:caption-angle`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:caption-angle`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:caption-angle`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.854 Section 15.21.4, Gap**

- a. *The standard defines the attribute `draw:caption-gap`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:caption-gap`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:caption-gap`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.855 Section 15.21.5, Escape Direction**

- a. *The standard defines the attribute `draw:caption-escape-direction`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:caption-escape-direction`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:caption-escape-direction`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.856 Section 15.21.6, Escape**

- a. *The standard defines the attribute `draw:caption-escape`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:caption-escape`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:caption-escape`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.857 Section 15.21.7, Line Length**

- a. *The standard defines the attribute `draw:caption-line-length`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:caption-line-length`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:caption-line-length`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.858 Section 15.21.8, Fit Line Length**

- a. *The standard defines the attribute `draw:caption-fit-line-length`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:caption-fit-line-length`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:caption-fit-line-length`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.859 Section 15.22, 3D Geometry Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.860 Section 15.22.1, Horizontal Segments**

- a. *The standard defines the attribute `dr3d:horizontal-segments`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:horizontal-segments`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:horizontal-segments`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.861 Section 15.22.2, Vertical Segments**

- a. *The standard defines the attribute `dr3d:vertical-segments`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:vertical-segments`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:vertical-segments`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.862 Section 15.22.3, Edge Rounding**

- a. *The standard defines the attribute `dr3d:edge-rounding`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:edge-rounding`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:edge-rounding`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.863 Section 15.22.4, Edge Rounding Mode**

- a. *The standard defines the attribute `dr3d:edge-rounding-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:edge-rounding-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:edge-rounding-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.864 Section 15.22.5, Back Scale**

- a. *The standard defines the attribute `dr3d:back-scale`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:back-scale`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:back-scale`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.865 Section 15.22.6, Depth**

- a. *The standard defines the attribute `dr3d:depth`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:depth`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:depth`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.866 Section 15.22.7, Backface Culling**

- a. *The standard defines the attribute `dr3d:backface-culling`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:backface-culling`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:backface-culling`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.867 Section 15.22.8, End Angle**

- a. *The standard defines the attribute `dr3d:end-angle`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:end-angle`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:end-angle`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.868 Section 15.22.9, Close Front**

- a. *The standard defines the attribute `dr3d:close-front`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:close-front`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:close-front`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.869 Section 15.22.10, Close Back**

- a. *The standard defines the attribute `dr3d:close-back`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:close-back`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:close-back`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.870 Section 15.23, 3D Lighting Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.871 Section 15.23.1, Mode**

- a. *The standard defines the attribute `dr3d:lighting-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:lighting-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:lighting-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.



### **2.1.872 Section 15.23.2, Normals Kind**

- a. *The standard defines the attribute `dr3d:normals-kind`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:normals-kind`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:normals-kind`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.873 Section 15.23.3, Normals Direction**

- a. *The standard defines the attribute `dr3d:normals-direction`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:normals-direction`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:normals-direction`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.874 Section 15.24, 3D Texture Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.875 Section 15.24.1, Generation Mode**

- a. *The standard defines the attribute `dr3d:texture-generation-mode-x`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:texture-generation-mode-y`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `dr3d:texture-generation-mode-x`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `dr3d:texture-generation-mode-y`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `dr3d:texture-generation-mode-x`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the attribute `dr3d:texture-generation-mode-y`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.876 Section 15.24.2, Kind**

- a. *The standard defines the attribute `dr3d:texture-kind`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:texture-kind`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:texture-kind`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.877 Section 15.24.3, Filter**

- a. *The standard defines the attribute `dr3d:texture-filter`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:texture-filter`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:texture-filter`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.878 Section 15.24.4, Mode**

- a. *The standard defines the attribute `dr3d:texture-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:texture-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:texture-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.879 Section 15.25, 3D Material Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.880 Section 15.25.1, Colors**

- a. *The standard defines the attribute `dr3d:ambient-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:diffuse-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `dr3d:emissive-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `dr3d:specular-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `dr3d:ambient-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `dr3d:diffuse-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `dr3d:emissive-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `dr3d:specular-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `dr3d:ambient-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *The standard defines the attribute `dr3d:diffuse-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *The standard defines the attribute `dr3d:emissive-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the attribute `dr3d:specular-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.881 Section 15.25.2, Shininess**

- a. *The standard defines the attribute `dr3d:shininess`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:shininess`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:shininess`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.882 Section 15.26, 3D Shadow Properties**

- a. *The standard defines the parent element `<style:graphic-properties>`*

This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the parent element <style:graphic-properties>*

This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the parent element <style:graphic-properties>*

This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.883 Section 15.26.1, Shadow**

- a. *The standard defines the attribute dr3d:shadow, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute dr3d:shadow, contained within the element <style:graphic-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute dr3d:shadow, contained within the element <style:graphic-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.884 Section 15.27, Frame Formatting Properties**

- a. *The standard defines the parent element <style:graphic-properties>*

Word 2013 supports this for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- b. *The standard defines the element <style:graphic-properties>*

OfficeArt Math in Word 2013 supports this element on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the parent element <style:graphic-properties>*

Excel 2013 supports this for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- d. *The standard defines the element <style:graphic-properties>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

- e. *The standard defines the parent element <style:graphic-properties>*

PowerPoint 2013 supports this for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- f. *The standard defines the element <style:graphic-properties>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

## 2.1.885 Section 15.27.1, Frame Widths

- a. *The standard defines the attribute `fo:min-width`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- b. *The standard defines the attribute `style:rel-width`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- c. *The standard defines the attribute `svg:width`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- d. *The standard defines the attribute `fo:min-width`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- e. *The standard defines the attribute `style:rel-width`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- f. *The standard defines the attribute `svg:width`, contained within the element `<style:graphic-properties>`*

Excel 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- g. *The standard defines the attribute `fo:min-width`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- h. *The standard defines the attribute `style:rel-width`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- i. *The standard defines the attribute `svg:width`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

## 2.1.886 Section 15.27.2, Frame Heights

- a. *The standard defines the attribute `fo:min-height`, contained within the element `<style:graphic-properties>`*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- b. *The standard defines the attribute style:rel-height, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- c. *The standard defines the attribute svg:height, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- d. *The standard defines the attribute fo:min-height, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- e. *The standard defines the attribute style:rel-height, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- f. *The standard defines the attribute svg:height, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- g. *The standard defines the attribute fo:min-height, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- h. *The standard defines the attribute style:rel-height, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- i. *The standard defines the attribute svg:height, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

### **2.1.887 Section 15.27.3, Maximum Width and Height**

- a. *The standard defines the attribute fo:max-height, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- b. *The standard defines the attribute fo:max-width, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- c. *The standard defines the attribute fo:max-height, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- d. *The standard defines the attribute fo:max-width, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- e. *The standard defines the attribute fo:max-height, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- f. *The standard defines the attribute fo:max-width, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

## **2.1.888 Section 15.27.4, Left and Right Margins**

- a. *The standard defines the attribute fo:margin-left, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:margin-right, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute fo:margin-left, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>



- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- d. *The standard defines the attribute fo:margin-right, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute fo:margin-left, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- f. *The standard defines the attribute `fo:margin-right`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:text-box>`
- `<draw:frame>`
- `<draw:custom-shape>`.

### **2.1.889 Section 15.27.5, Top and Bottom Margins**

- a. *The standard defines the attribute `fo:margin-bottom`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `fo:margin-top`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `fo:margin-bottom`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- d. *The standard defines the attribute fo:margin-top, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- e. *The standard defines the attribute fo:margin-bottom, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- f. *The standard defines the attribute fo:margin-top, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>

- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.890 Section 15.27.6, Margins**

- a. *The standard defines the attribute fo:margin, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute fo:margin, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the attribute fo:margin, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

### **2.1.891 Section 15.27.7, Print Content**

- a. *The standard defines the attribute style:print-content, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- b. *The standard defines the attribute style:print-content, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- c. *The standard defines the attribute style:print-content, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

### **2.1.892 Section 15.27.8, Protect**

- a. *The standard defines the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:text-box> or <draw:object-ole> element.

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image> element.

- b. *The standard defines the property "content", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- c. *The standard defines the property "content position", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- d. *The standard defines the property "content size", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- e. *The standard defines the property "none", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- f. *The standard defines the property "position", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- g. *The standard defines the property "position content", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- h. *The standard defines the property "position size", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- i. *The standard defines the property "size", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- j. *The standard defines the property "size content", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- k. *The standard defines the property "size position", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- l. *The standard defines the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:text-box> or <draw:object-ole> element.

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image> element.

- m. *The standard defines the property "content", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- n. *The standard defines the property "content position", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. Position protection is supported when opening the file in Excel, content protection is not supported. After saving from Excel, the value of the style:protect attribute changes to "position size".

- o. *The standard defines the property "content size", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. Size protection is supported when opening the file in Excel, content protection is not supported. After saving from Excel, the value of the style:protect attribute changes to "" and size protection is lost.

- p. *The standard defines the property "none", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- q. *The standard defines the property "position", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. This property is supported on load into Excel. After saving from Excel, the value of the style:protect attribute changes to "position size".

- r. *The standard defines the property "position content", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. Position protection is supported on load into Excel. Content protection is not supported. After saving from Excel, the value of the style:protect attribute changes to "position size".

- s. *The standard defines the property "position size", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- t. *The standard defines the property "size", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. This property is supported on load into Excel. After saving from Excel, size protection is lost and the value of the style:protect attribute changes to "".

- u. *The standard defines the property "size content", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. Size protection is supported when opening the file in Excel, content protection is not supported. After saving from Excel, size protection is lost and the value of the style:protect attribute changes to "".

- v. *The standard defines the property "size position", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. After saving from Excel, the value of the style:protect attribute changes to "position size".

- w. *The standard defines the attribute `style:protect`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this attribute for a style applied to a `<draw:frame>` element containing the `<draw:text-box>` or `<draw:object-ole>` element.

PowerPoint 2013 supports this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>` element.

- x. *The standard defines the property "content", contained within the attribute `style:protect`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this enum for a style applied to a `<draw:frame>` element containing the `<draw:image>` element.

- y. *The standard defines the property "content position", contained within the attribute `style:protect`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this enum for a style applied to a `<draw:frame>` element that contains a `<draw:image>` element. Position protection is supported on load into PowerPoint. Content protection is not supported. After saving from PowerPoint, the value of the `style:protect` attribute changes to "position size".

- z. *The standard defines the property "content size", contained within the attribute `style:protect`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 does not support this enum for a style applied to a `<draw:frame>` element that contains a `<draw:image>` element. Size protection is supported on load into PowerPoint. Content protection is not supported. After saving from PowerPoint, size protection is lost and the value of the `style:protect` attribute changes to "".

- aa. *The standard defines the property "none", contained within the attribute `style:protect`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this enum for a style applied to a `<draw:frame>` element containing the `<draw:image>` element.

- bb. *The standard defines the property "position", contained within the attribute `style:protect`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this enum for a style applied to a `<draw:frame>` element that contains a `<draw:image>` element. This property is supported on load into PowerPoint. After saving from PowerPoint, the value of the `style:protect` attribute changes to "position size".

- cc. *The standard defines the property "position content", contained within the attribute `style:protect`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this enum for a style applied to a `<draw:frame>` element that contains a `<draw:image>` element. Position protection is supported on load into PowerPoint. Content protection is not supported. After saving from PowerPoint, the value of the `style:protect` attribute changes to "position size".

- dd. *The standard defines the property "position size", contained within the attribute `style:protect`, contained within the element `<style:graphic-properties>`*

PowerPoint 2013 supports this enum for a style applied to a `<draw:frame>` element containing the `<draw:image>` element.

- ee. *The standard defines the property "size", contained within the attribute `style:protect`, contained within the element `<style:graphic-properties>`*



PowerPoint 2013 does not support this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. This property is supported on load into PowerPoint. After saving from PowerPoint, size protection is lost and the value of the style:protect attribute changes to "".

- ff. *The standard defines the property "size content", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. Size protection is supported on load into PowerPoint. Content protection is not supported. After saving from PowerPoint, size protection is lost and the value of the style:protect attribute changes to "".

- gg. *The standard defines the property "size position", contained within the attribute style:protect, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element that contains a <draw:image> element. After saving from PowerPoint, the value of the style:protect attribute changes to "position size".

### **2.1.893 Section 15.27.9, Horizontal Position**

- a. *The standard defines the attribute style:horizontal-pos, contained within the element <style:graphic-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute svg:x, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.894 Section 15.27.10, Horizontal Relation**

- a. *The standard defines the property "char", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- b. *The standard defines the property "frame", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- c. *The standard defines the property "frame-content", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- d. *The standard defines the property "frame-end-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- e. *The standard defines the property "frame-start-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- f. *The standard defines the property "page", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the property "page-content", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- h. *The standard defines the property "page-end-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- i. *The standard defines the property "page-start-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- j. *The standard defines the property "paragraph", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- k. *The standard defines the property "paragraph-content", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- l. *The standard defines the property "paragraph-end-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

- m. *The standard defines the property "paragraph-start-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:horizontal-rel attribute.

### **2.1.895 Section 15.27.11, Vertical Position**

- a. *The standard defines the attribute style:vertical-pos, contained within the element <style:graphic-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute svg:y, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.896 Section 15.27.12, Vertical Relation**

- a. *The standard defines the property "baseline", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:vertical-rel attribute.

- b. *The standard defines the property "char", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:vertical-rel attribute.

- c. *The standard defines the property "frame", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:vertical-rel attribute.

- d. *The standard defines the property "frame-content", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:vertical-rel attribute.

- e. *The standard defines the property "line", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:vertical-rel attribute.

- f. *The standard defines the property "page", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the property "page-content", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:vertical-rel attribute.

- h. *The standard defines the property "paragraph", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- i. *The standard defines the property "paragraph-content", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:vertical-rel attribute.

- j. *The standard defines the property "text", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

On load, Word maps to a default value of "paragraph" for this value of the style:vertical-rel attribute.

## **2.1.897 Section 15.27.14, Border**

- a. *The standard defines the attribute fo:border, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- b. *The standard defines the attribute fo:border-bottom, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> element. Supported if fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- c. *The standard defines the attribute fo:border-left, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> element. Supported if fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- d. *The standard defines the attribute fo:border-right, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> element. Supported if fo:border-top,

fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- e. *The standard defines the attribute fo:border-top, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> element. Supported if fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- f. *The standard defines the attribute fo:border, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- g. *The standard defines the attribute fo:border-bottom, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. Supported if the fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- h. *The standard defines the attribute fo:border-left, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. Supported if the fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- i. *The standard defines the attribute fo:border-right, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. Supported if the fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- j. *The standard defines the attribute fo:border-top, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. Supported if the fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- k. *The standard defines the attribute fo:border, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- l. *The standard defines the attribute fo:border-bottom, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. Supported if the fo:border-

top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- m. *The standard defines the attribute fo:border-left, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. This attribute is supported if the attributes named fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right all have the same value. Otherwise, the attributes are ignored and a default border is applied.

- n. *The standard defines the attribute fo:border-right, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. This attribute is supported if the attributes named fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right all have the same value. Otherwise, the attributes are ignored and a default border is applied.

- o. *The standard defines the attribute fo:border-top, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. Supported if the fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

## **2.1.898 Section 15.27.15, Border Line Width**

- a. *The standard defines the attribute style:border-line-width, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- b. *The standard defines the attribute style:border-line-width-bottom, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> element. Supported if style:border-line-width-top, style:border-line-width-bottom, style:border-line-width-left, and style:border-line-width-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- c. *The standard defines the attribute style:border-line-width-left, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> element. Supported if style:border-line-width-top, style:border-line-width-bottom, style:border-line-width-left, and style:border-line-width-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- d. *The standard defines the attribute style:border-line-width-right, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> element. Supported if style:border-line-width-top, style:border-line-width-bottom, style:border-line-width-left, and style:border-line-

width-right attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- e. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:graphic-properties>`*

Word 2013 supports this attribute for a style applied to a `<draw:frame>` element containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` element. Supported if `style:border-line-width-top`, `style:border-line-width-bottom`, `style:border-line-width-left`, and `style:border-line-width-right` attributes all have the same value. Otherwise, they are ignored and a default border is applied.

- f. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to a `<draw:frame>` element containing the `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements.

- g. *The standard defines the attribute `style:border-line-width-bottom`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to a `<draw:frame>` element containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements. This attribute is supported if the attributes named `style:border-line-width-top`, `style:border-line-width-bottom`, `style:border-line-width-left`, and `style:border-line-width-right` all have the same value. Otherwise, these attributes are ignored and a default border is applied.

- h. *The standard defines the attribute `style:border-line-width-left`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to a `<draw:frame>` element containing one of the following elements:

- `<draw:image>`
- `<draw:text-box>`
- `<draw:object-ole>`

This attribute is supported if the attributes named `style:border-line-width-top`, `style:border-line-width-bottom`, `style:border-line-width-left`, and `style:border-line-width-right` all have the same value. Otherwise, these attributes are ignored and a default border is applied.

- i. *The standard defines the attribute `style:border-line-width-right`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to a `<draw:frame>` element containing one of the following elements:

- `<draw:image>`
- `<draw:text-box>`
- `<draw:object-ole>`

This attribute is supported if the attributes named `style:border-line-width-top`, `style:border-line-width-bottom`, `style:border-line-width-left`, and `style:border-line-width-right` all have the same value. Otherwise, these attributes are ignored and a default border is applied.

- j. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:graphic-properties>`*

Excel 2013 supports this attribute for a style applied to a `<draw:frame>` element containing `<draw:image>`, `<draw:text-box>`, or `<draw:object-ole>` elements. This attribute is supported if the elements named `<style:border-line-width-top>`, `<style:border-line-width-bottom>`,

<style:border-line-width-left>, and <style:border-line-width-right> all have the same value. Otherwise, these elements are ignored and a default border is applied.

- k. *The standard defines the attribute style:border-line-width, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- l. *The standard defines the attribute style:border-line-width-bottom, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> attributes. This attribute is supported if the attributes named style:border-line-width-top, style:border-line-width-bottom, style:border-line-width-left, and style:border-line-width-right all have the same value. Otherwise, these attributes are ignored and a default border is applied.

- m. *The standard defines the attribute style:border-line-width-left, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing one of the following elements:

- <draw:image>
- <draw:text-box>
- <draw:object-ole>

This attribute is supported if the attributes named style:border-line-width-top, style:border-line-width-bottom, style:border-line-width-left, and style:border-line-width-right all have the same value. Otherwise, these attributes are ignored and a default border is applied.

- n. *The standard defines the attribute style:border-line-width-right, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing one of the following elements:

- <draw:image>
- <draw:text-box>
- <draw:object-ole>

This attribute is supported if the attributes named style:border-line-width-top, style:border-line-width-bottom, style:border-line-width-left, and style:border-line-width-right all have the same value. Otherwise, these attributes are ignored and a default border is applied.

- o. *The standard defines the attribute style:border-line-width-top, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. This attribute is supported if the attributes named style:border-line-width-top, style:border-line-width-bottom, style:border-line-width-left, and style:border-line-width-right all have the same value. Otherwise, these elements are ignored and a default border is applied.

## **2.1.899 Section 15.27.16, Padding**

- a. *The standard defines the attribute fo:padding, contained within the element <style:graphic-properties>*



This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- c. *The standard defines the attribute `fo:padding-left`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute `fo:padding-right`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- e. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- f. *The standard defines the attribute `fo:padding`, contained within the element `<style:graphic-properties>`*

OfficeArt Math in Excel 2013 does not support this attribute on load for text in any of the following elements:

- `<draw:rect>`
- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:regular-polygon>`
- `<draw:path>`
- `<draw:circle>`
- `<draw:ellipse>`
- `<draw:caption>`
- `<draw:measure>`
- `<draw:frame>`
- `<draw:text-box>`
- `<draw:custom-shape>`

OfficeArt Math in Excel 2013 does not support this attribute on save for text in any of the following items:

- text boxes
- shapes

- SmartArt
- chart titles
- labels

- g. *The standard defines the attribute fo:padding-bottom, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- h. *The standard defines the attribute fo:padding-left, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- i. *The standard defines the attribute fo:padding-right, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
  - shapes
  - SmartArt
  - chart titles
  - labels
- j. *The standard defines the attribute fo:padding-top, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in any of the following items:

- text boxes
  - shapes
  - SmartArt
  - chart titles
  - labels
- k. *The standard defines the attribute fo:padding, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 does not support this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>

- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- l. *The standard defines the attribute fo:padding-bottom, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- m. *The standard defines the attribute fo:padding-left, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

- n. *The standard defines the attribute fo:padding-right, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>

- <draw:circle>
  - <draw:ellipse>
  - <draw:caption>
  - <draw:measure>
  - <draw:text-box>
  - <draw:frame>
  - <draw:custom-shape>.
- o. *The standard defines the attribute fo:padding-top, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

## **2.1.900 Section 15.27.17, Shadow**

- a. *The standard defines the attribute style:shadow, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element that contains one of the following elements:

- <draw:image>
- <draw:text-box>
- <draw:object-ole>

The style:shadow attribute is supported only when the fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes are all the same value, or when the fo:border attribute is specified.

- b. *The standard defines the attribute style:shadow, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing <draw:image>, <draw:text-box>, or <draw:object-ole> elements. The style:shadow attribute is supported only when the fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes are all the same value, or when the fo:border attribute is specified.

- c. *The standard defines the attribute style:shadow, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element that contains one of the following elements:

- <draw:image>
- <draw:text-box>

- <draw:object-ole>

The style:shadow attribute is supported only when the fo:border-top, fo:border-bottom, fo:border-left, and fo:border-right attributes are all the same value, or when the fo:border attribute is specified.

### **2.1.901 Section 15.27.18, Background**

- a. *The standard defines the attribute fo:background-color, contained within the element <style:graphic-properties>*

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- b. *The standard defines the attribute style:background-image, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- c. *The standard defines the attribute fo:background-color, contained within the element <style:graphic-properties>*

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- d. *The standard defines the attribute style:background-image, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- e. *The standard defines the attribute fo:background-color, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

- f. *The standard defines the attribute style:background-image, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:image>, <draw:text-box>, or <draw:object-ole> elements.

### **2.1.902 Section 15.27.19, Columns**

- a. *The standard defines the element <style:columns>, contained within the parent element <style:graphic-properties>*

This element is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

OfficeArt Math in Word 2013 does not support this element on save for text in SmartArt and chart titles and labels.

- b. *The standard defines the element <style:columns>, contained within the parent element <style:graphic-properties>*

OfficeArt Math in Excel 2013 does not support this element on load for text in any of the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:frame>
- <draw:text-box>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 does not support this element on save for text in any of the following items:

- text boxes
- shapes
- SmartArt
- chart titles
- labels

- c. *The standard defines the element <style:columns>, contained within the parent element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 does not support this element on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>.

### **2.1.903 Section 15.27.20, Editable**

- a. *The standard defines the attribute style:editable, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:editable, contained within the element <style:graphic-properties>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:editable, contained within the element <style:graphic-properties>*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.904 Section 15.27.21, Wrapping**

- a. *The standard defines the property "biggest", contained within the attribute style:wrap, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "dynamic", contained within the attribute style:wrap, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "left", contained within the attribute style:wrap, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "none", contained within the attribute style:wrap, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the property "parallel", contained within the attribute style:wrap, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the property "right", contained within the attribute style:wrap, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the property "run-through", contained within the attribute style:wrap, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.905 Section 15.27.22, Dynamic Wrap Threshold**

- a. *The standard defines the attribute style:wrap-dynamic-threshold, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.906 Section 15.27.23, Paragraph-only Wrapping**

- a. *The standard defines the attribute style:number-wrapped-paragraphs, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.907 Section 15.27.24, Contour Wrapping**

- a. *The standard defines the attribute style:wrap-contour, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.



### **2.1.908 Section 15.27.25, Contour Wrapping Mode**

- a. *The standard defines the attribute style:wrap-contour-mode, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.909 Section 15.27.26, Run Through**

- a. *The standard defines the property "background", contained within the attribute style:run-through, contained within the element <style:graphic-properties>*

This property is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the property "foreground", contained within the attribute style:run-through, contained within the element <style:graphic-properties>*

This property is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

### **2.1.910 Section 15.27.27, Flow with Text**

- a. *The standard defines the attribute style:flow-with-text, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.911 Section 15.27.28, Overflow behavior**

- a. *The standard defines the attribute style:overflow-behavior, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.912 Section 15.27.29, Mirroring**

- a. *The standard defines the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:text-box> or <draw:object-ole> element.

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image> element.

- b. *The standard defines the property "horizontal", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- c. *The standard defines the property "horizontal vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- d. *The standard defines the property "horizontal-on-even", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- e. *The standard defines the property "horizontal-on-even vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-even" attribute is not supported.

- f. *The standard defines the property "horizontal-on-odd", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- g. *The standard defines the property "horizontal-on-odd vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-odd" attribute is not supported.

- h. *The standard defines the property "none", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- i. *The standard defines the property "vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- j. *The standard defines the property "vertical horizontal", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- k. *The standard defines the property "vertical horizontal-on-even", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-even" attribute is not supported.

- l. *The standard defines the property "vertical horizontal-on-odd", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-odd" attribute is not supported.

- m. *The standard defines the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:text-box> or <draw:object-ole> element.

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image> element.

- n. *The standard defines the property "horizontal", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- o. *The standard defines the property "horizontal vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- p. *The standard defines the property "horizontal-on-even", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- q. *The standard defines the property "horizontal-on-even vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-even" attribute is not supported.

- r. *The standard defines the property "horizontal-on-odd", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- s. *The standard defines the property "horizontal-on-odd vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-odd" attribute is not supported.

- t. *The standard defines the property "none", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- u. *The standard defines the property "vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- v. *The standard defines the property "vertical horizontal", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- w. *The standard defines the property "vertical horizontal-on-even", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-even" attribute is not supported.

- x. *The standard defines the property "vertical horizontal-on-odd", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-odd" attribute is not supported.

- y. *The standard defines the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:text-box> or <draw:object-ole> element.

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing the <draw:image> element.

- z. *The standard defines the property "horizontal", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- aa. *The standard defines the property "horizontal vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- bb. *The standard defines the property "horizontal-on-even", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- cc. *The standard defines the property "horizontal-on-even vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-even" attribute is not supported.

- dd. *The standard defines the property "horizontal-on-odd", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- ee. *The standard defines the property "horizontal-on-odd vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-odd" attribute is not supported.

- ff. *The standard defines the property "none", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- gg. *The standard defines the property "vertical", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- hh. *The standard defines the property "vertical horizontal", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing the <draw:image> element.

- ii. *The standard defines the property "vertical horizontal-on-even", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-even" attribute is not supported.

- jj. *The standard defines the property "vertical horizontal-on-odd", contained within the attribute style:mirror, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> element. The "vertical flip" style is supported, but the "horizontal-on-odd" attribute is not supported.

### **2.1.913 Section 15.27.30, Clipping**

- a. *The standard defines the attribute fo:clip, contained within the element <style:graphic-properties>*

Word 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:text-box> element.

Word 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> or <draw:object-ole> element.

- b. *The standard defines the property "auto", contained within the attribute fo:clip, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> or <draw:object-ole> element.

- c. *The standard defines the property "rect(<top>, <right>, <bottom>, <left>)", contained within the attribute fo:clip, contained within the element <style:graphic-properties>*

Word 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> or <draw:object-ole> element. Word only supports lengths for "top", "bottom", "right", and "left" values and does not support 'auto'.

- d. *The standard defines the attribute fo:clip, contained within the element <style:graphic-properties>*

Excel 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:text-box> element.

Excel 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> or a <draw:object-ole> element.

- e. *The standard defines the property "auto", contained within the attribute fo:clip, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> or a <draw:object-ole> element.

- f. *The standard defines the property "rect(<top>, <right>, <bottom>, <left>)", contained within the attribute fo:clip, contained within the element <style:graphic-properties>*

Excel 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> or a <draw:object-ole> element. Excel only supports lengths for "top", "bottom", "right", and "left" values and does not support "auto".

- g. *The standard defines the attribute fo:clip, contained within the element <style:graphic-properties>*

PowerPoint 2013 does not support this attribute for a style applied to a <draw:frame> element containing the <draw:text-box> element.

PowerPoint 2013 supports this attribute for a style applied to a <draw:frame> element containing a <draw:image> or <draw:object-ole> element.

- h. *The standard defines the property "auto", contained within the attribute fo:clip, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> or <draw:object-ole> element.

- i. *The standard defines the property "rect(<top>, <right>, <bottom>, <left>)", contained within the attribute fo:clip, contained within the element <style:graphic-properties>*

PowerPoint 2013 supports this enum for a style applied to a <draw:frame> element containing a <draw:image> or <draw:object-ole> element. PowerPoint only supports lengths for the "top", "bottom", "right", and "left" values and does not support "auto".

#### **2.1.914 Section 15.27.31, Wrap Influence on Position**

- a. *The standard defines the attribute draw:wrap-influence-on-position, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

#### **2.1.915 Section 15.27.32, Writing Mode**

- a. *The standard defines the attribute style:writing-mode, contained within the element <style:graphic-properties>*

This attribute is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels. ODF's attribute style:writing-mode under the element <style:graphic-properties> assigned to at the text box or shape level corresponds to the Word body attribute "vert".

On save, style:writing-mode="tb-rl" is written for the Word vert enumerations "vert", "eaVert", and "wordArtVertRtl". All other vert enumerations are written as style:writing-mode="lr-tb".

- b. *The standard defines the attribute style:writing-mode, contained within the element <style:graphic-properties>*

OfficeArt Math in Excel 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

OfficeArt Math in Excel 2013 supports this attribute on save for text in text boxes and shapes, SmartArt, and chart titles and labels. This attribute in the element <style:graphic-properties> assigned at the text box or shape level corresponds to the attribute vert in Excel. On load, the values "tb-rl" and "tb" of this attribute are converted to the value of "eaVert" of the vert attribute in Excel. All other values of this attribute are converted to the value of "horz" of the vert attribute in Excel. On save, Excel converts the values "vert", "eaVert", and "wordArtVertRtl" of the vert attribute to the value "tb-rl" of this attribute. All other values of the vert attribute are written as the value "lr-tb".

- c. *The standard defines the attribute style:writing-mode, contained within the element <style:graphic-properties>*

OfficeArt Math in PowerPoint 2013 supports this attribute on load for text in the following elements:

- <draw:rect>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:caption>
- <draw:measure>
- <draw:text-box>
- <draw:frame>
- <draw:custom-shape>

This attribute in the element <style:graphic-properties> assigned at the text box or shape level corresponds to the body attribute vert in PowerPoint.

On load, the values "tb-rl" and "tb" of this attribute are converted to the value "eaVert" of the body attribute vert in PowerPoint. All other values of this attribute are converted to the value "horz" of the body attribute vert in PowerPoint.

On save, PowerPoint converts the values "vert", "eaVert", and "wordArtVertRtl" of the body attribute vert to the value "tb-rl" of this attribute. All other values of the body attribute vert are written as the value "lr-tb".

## 2.1.916 Section 15.28, Floating Frame Formatting Properties

a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

b. *The standard defines the attribute `draw:display-border`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

c. *The standard defines the attribute `draw:display-scrollbar`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

d. *The standard defines the attribute `draw:margin-horizontal`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

e. *The standard defines the attribute `draw:margin-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

f. *The standard defines the attribute `draw:ole-draw-aspect`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

g. *The standard defines the attribute `draw:visible-area-height`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

h. *The standard defines the attribute `draw:visible-area-left`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

i. *The standard defines the attribute `draw:visible-area-top`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

j. *The standard defines the attribute `draw:visible-area-width`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.



### **2.1.917 Section 15.28.1, Display Scrollbar**

- a. *The standard defines the attribute `draw:display-scrollbar`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.918 Section 15.28.2, Display Border**

- a. *The standard defines the attribute `draw:display-border`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.919 Section 15.28.3, Margins**

- a. *The standard defines the attribute `draw-margin-horizontal`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw-margin-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.920 Section 15.28.4, Object Formatting Properties**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.921 Section 15.28.5, Visible Area**

- a. *The standard defines the attribute `draw:visible-area-height`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:visible-area-left`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `draw:visible-area-top`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `draw:visible-area-width`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.922 Section 15.28.6, Draw Aspect**

- a. *The standard defines the attribute `draw:ole-draw-aspect`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.

### **2.1.923 Section 15.29, Chart Formatting Properties**

- a. *The standard defines the element <style:chart-properties>, contained within the parent element <style-chart-properties>*

This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.924 Section 15.30.3, Chart Symbol**

- a. *The standard defines the attribute xlink:href, contained within the element <chart:symbol-image>, contained within the parent element <style-chart-properties-attlist>*

This attribute is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.925 Section 15.31, Chart Axes Properties**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.926 Section 15.32, Common Chart Properties**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.927 Section 15.33, Statistical Properties**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.928 Section 15.34, Plot Area Properties**

- a. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.

### **2.1.929 Section 15.35, Regression Curve Properties**

- a. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

### **2.1.930 Section 15.36, Presentation Page Attributes**

- a. *The standard defines the element <style:drawing-page-properties>*

This element is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.931 Section 15.36.1, Transition Type**

- a. *The standard defines the property "automatic", contained within the attribute presentation:transition-type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint sets the manual value as well, permitting slides to be advanced manually in an automated presentation.

- b. *The standard defines the property "manual", contained within the attribute presentation:transition-type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the property "semi-automatic", contained within the attribute presentation:transition-type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint treats semi-automatic the same way as manual.

## **2.1.932 Section 15.36.2, Transition Style**

- a. *The standard defines the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- b. *The standard defines the property "clockwise", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the property "close", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the property "close-horizontal", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- e. *The standard defines the property "close-vertical", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- f. *The standard defines the property "counterclockwise", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- g. *The standard defines the property "dissolve", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- h. *The standard defines the property "fade-from-bottom", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- i. *The standard defines the property "fade-from-center", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *The standard defines the property "fade-from-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *The standard defines the property "fade-from-lowerleft", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the property "fade-from-lowerright", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the property "fade-from-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the property "fade-from-top", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *The standard defines the property "fade-from-upperleft", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- p. *The standard defines the property "fade-from-upperright", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- q. *The standard defines the property "fade-to-center", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the property "fly-away", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the property "horizontal-checkerboard", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- t. *The standard defines the property "horizontal-lines", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- u. *The standard defines the property "horizontal-stripes", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- v. *The standard defines the property "interlocking-horizontal-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the property "interlocking-horizontal-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the property "interlocking-vertical-bottom", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the property "interlocking-vertical-top", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the property "melt", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- aa. *The standard defines the property "move-from-bottom", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the property "move-from-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the property "move-from-lowerleft", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *The standard defines the property "move-from-lowerright", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ee. *The standard defines the property "move-from-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ff. *The standard defines the property "move-from-top", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- gg. *The standard defines the property "move-from-upperleft", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- hh. *The standard defines the property "move-from-upperright", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ii. *The standard defines the property "none", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- jj. *The standard defines the property "open", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- kk. *The standard defines the property "open-horizontal", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ll. *The standard defines the property "open-vertical", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- mm. *The standard defines the property "random", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- nn. *The standard defines the property "roll-from-bottom", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- oo. *The standard defines the property "roll-from-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- pp. *The standard defines the property "roll-from-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- qq. *The standard defines the property "roll-from-top", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- rr. *The standard defines the property "spiralin-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ss. *The standard defines the property "spiralin-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- tt. *The standard defines the property "spiralout-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- uu. *The standard defines the property "spiralout-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- vv. *The standard defines the property "stretch-from-bottom", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ww. *The standard defines the property "stretch-from-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- xx. *The standard defines the property "stretch-from-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- yy. *The standard defines the property "stretch-from-top", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- zz. *The standard defines the property "uncover-to-bottom", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- aaa. *The standard defines the property "uncover-to-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- bbb. *The standard defines the property "uncover-to-lowerleft", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ccc. *The standard defines the property "uncover-to-lowerright", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ddd. *The standard defines the property "uncover-to-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- eee. *The standard defines the property "uncover-to-top", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- fff. *The standard defines the property "uncover-to-upperleft", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*



This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

ggg. *The standard defines the property "uncover-to-upperright", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

hhh. *The standard defines the property "vertical-checkerboard", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

iii. *The standard defines the property "vertical-lines", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

jjj. *The standard defines the property "vertical-stripes", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

kkk. *The standard defines the property "wavyline-from-bottom", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

lll. *The standard defines the property "wavyline-from-left", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

mmm. *The standard defines the property "wavyline-from-right", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

nnn. *The standard defines the property "wavyline-from-top", contained within the attribute presentation:transition-style, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.933 Section 15.36.3, Transition Speed**

a. *The standard defines the attribute presentation:transition-speed, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

b. *The standard defines the property "fast", contained within the attribute presentation:transition-speed, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- c. *The standard defines the property "medium", contained within the attribute presentation:transition-speed, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

The default value for the transition speed is "medium".

- d. *The standard defines the property "slow", contained within the attribute presentation:transition-speed, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

## **2.1.934 Section 15.36.4, Transition Type or Family**

- a. *The standard defines the attribute smil:type, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

In PowerPoint, if a slide has a transition that is not found in the ODF or SMIL spec, it will be saved with a fade transition, that is, smil:type="fade".

- b. *The standard defines the property "arrowHeadWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the property "barnDoorWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports BarnDoorWipe subtypes "vertical" and "horizontal" in forward and reverse directions.

- d. *The standard defines the property "barnVeeWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the property "barnZigZagWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *The standard defines the property "barWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports BarWipe subtypes "topToBottom" and "leftToRight" in forward and reverse directions. All other subtype/direction combinations map to "topToBottom" in forward direction.

- g. *The standard defines the property "bowTieWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- h. *The standard defines the property "boxSnakesWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- i. *The standard defines the property "boxWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *The standard defines the property "clockWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint only supports the clockwiseTwelve subtype in the forward direction. All other subtype/direction combinations are mapped to this one.

- k. *The standard defines the property "diagonalWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the property "doubleFanWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the property "doubleSweepWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *The standard defines the property "ellipseWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint only supports the circular ellipseWipe subtype in the forward direction. All other subtype/direction combinations are mapped to this one.

- o. *The standard defines the property "eyeWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- p. *The standard defines the property "fade", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports crossfade and fadeFromColor. All others map to "crossfade".

- q. *The standard defines the property "fanWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint only supports the centerTop fanWipe in the forward direction. All other subtype/direction combinations are mapped to this one.

- r. *The standard defines the property "fourBoxWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the property "hexagonWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- t. *The standard defines the property "irisWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports the "rectangle" irisWipe subtype in both the forward and reverse directions. The "diamond" irisWipe subtype is only supported in the forward direction. All other subtype/direction combinations map to "rectangle" in the forward direction.

- u. *The standard defines the property "miscDiagonalWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- v. *The standard defines the property "miscShapeWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the property "parallelSnakesWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the property "pentagonWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the property "pinWheelWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint makes the following mappings: pinWheelWipe subtypes "twoBladeVertical" and "twoBladeHorizontal" (in any direction) both map to "twoBladeVertical" forward. pinWheelWipe subtype "fourBlade" (in any direction) maps to "fourBlade" forward. All other subtypes map to the clockWipe transition.

- z. *The standard defines the property "pushWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports pushWipes subtypes "fromTop", "fromBottom", "fromLeft" and fromRight" in the forward direction. Other subtypes and reverse pushWipes are mapped to "fromLeft" pushWipes in the forward direction.

- aa. *The standard defines the property "roundRectWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the property "saloonDoorWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the property "singleSweepWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *The standard defines the property "slideWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports slideWipe subtypes "fromTop", "fromBottom", "fromLeft" and fromRight" in forward and reverse directions. All other slideWipe subtypes are mapped to "fromLeft" in forward or reverse direction.

- ee. *The standard defines the property "snakeWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ff. *The standard defines the property "spiralWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- gg. *The standard defines the property "starWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint only supports the four-point starWipe in the forward direction. All other subtype/direction combinations are mapped to this one.

- hh. *The standard defines the property "triangleWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ii. *The standard defines the property "veeWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- jj. *The standard defines the property "waterfallWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- kk. *The standard defines the property "windshieldWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- ll. *The standard defines the property "zigZagWipe", contained within the attribute smil:type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.935 Section 15.36.5, Transition Subtype**

- a. *The standard defines the attribute smil:subtype, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.936 Section 15.36.6, Transition Direction**

- a. *The standard defines the attribute smil:direction, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.937 Section 15.36.7, Fade Color**

- a. *The standard defines the attribute `smil:fadeColor`, contained within the element `<style:drawing-page-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

The `fadeColor` can only be black.

### **2.1.938 Section 15.36.8, Page Duration**

- a. *The standard defines the attribute `presentation:duration`, contained within the element `<style:drawing-page-properties>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.939 Section 15.36.9, Page Visibility**

- a. *The standard defines the attribute `presentation:visibility`, contained within the element `<style:drawing-page-properties>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.940 Section 15.36.10, Sound**

- a. *The standard defines the attribute `presentation:sound`, contained within the element `<style:drawing-page-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.941 Section 15.36.11, Background Size**

- a. *The standard defines the attribute `draw:background-size`, contained within the element `<style:drawing-page-properties>`*

This attribute is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

On load, PowerPoint writes this attribute as "border" On load PowerPoint ignores this attribute.

### **2.1.942 Section 15.36.12, Background Objects Visible**

- a. *The standard defines the attribute `presentation:background-objects-visible`, contained within the element `<style:drawing-page-properties>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.943 Section 15.36.13, Background Visible**

- a. *The standard defines the attribute `presentation:background-visible`, contained within the element `<style:drawing-page-properties>`*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.944 Section 15.36.14, Display Header**

- a. *The standard defines the attribute presentation:display-header, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, this attribute is read to determine whether to display the header. It is not written on save.

#### **2.1.945 Section 15.36.15, Display Footer**

- a. *The standard defines the attribute presentation:display-footer, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, this attribute is read to determine whether to display the footer. It is not written on save.

#### **2.1.946 Section 15.36.16, Display Page Number**

- a. *The standard defines the attribute presentation:display-page-number, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, this attribute is read to determine whether to display the page number. It is not written on save.

#### **2.1.947 Section 15.36.17, Display Date And Time**

- a. *The standard defines the attribute presentation:display-date-time, contained within the element <style:drawing-page-properties>*

This attribute is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, this attribute is read to determine whether to display the date and time. It is not written on save.

#### **2.1.948 Section 16, Data Types and Schema Definitions**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.



- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.949 Section 16.1, Data Types**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. *The standard defines the element <NCName>*  
This element is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- d. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.950 Section 16.2, Other Definitions**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.  
No custom attributes or elements are saved. Unknown elements and attributes encountered on load are ignored, and therefore lost, when saving from Word.  
This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.  
No custom attributes or elements are saved. Unknown elements and attributes encountered on load are ignored, and therefore lost, when saving from Excel.  
This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.  
No custom attributes or elements are saved. Unknown elements and attributes encountered on load are ignored, and therefore lost when saving from PowerPoint.

#### **2.1.951 Section 16.3, Relax-NG Schema Suffix**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

#### **2.1.952 Section 17, Packages**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.953 Section 17.1, Introduction**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.954 Section 17.2, Zip File Structure**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.955 Section 17.3, Encryption**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.956 Section 17.4, MIME Type Stream**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.957 Section 17.5, Usage of IRIs Within Packages**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.958 Section 17.6, Preview Image**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.959 Section 17.7, Manifest File**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.960 Section 17.7.1, Relax-NG Schema**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.961 Section 17.7.2, Manifest Root Element**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.962 Section 17.7.3, File Entry**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.
- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.963 Section 17.7.4, Encryption Data**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.964 Section 17.7.5, Algorithm**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.965 Section 17.7.6, Key Derivation**

- a. This is not supported in Word 2010, Word 2013, Word 2016, or Word 2019.
- b. This is not supported in Excel 2010, Excel 2013, Excel 2016, or Excel 2019.
- c. This is not supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.966 Section 17.7.7, Relax-NG Schema Suffix**

- a. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.967 Section Appendix E, Accessibility Guidelines (Non Normative)**

- a. This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.  
This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

- b. This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.  
This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.
- c. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.968 Section Appendix E.1, Title, Description and Caption of Graphical Elements**

- a.
  - 7. The <svg:title> element is not supported.
  - 8. The draw:caption-id attribute is not supported because Word does not treat "caption text" differently from other paragraph text via any special association.
  - 9. The <svg:desc> element is supported and holds the alternative text for the image.

Word 2013 supports this for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- b. Excel 2013 supports this for the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>
- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

- c. PowerPoint 2013 supports this for any of the following elements:

- <draw:rect>
- <draw:line>
- <draw:polyline>
- <draw:polygon>
- <draw:regular-polygon>
- <draw:path>
- <draw:circle>

- <draw:ellipse>
- <draw:connector>
- <draw:caption>
- <draw:measure>
- <draw:g>
- <draw:frame>
- <draw:custom-shape>

### **2.1.969 Section Appendix E.2, Hyperlink Titles**

a.

11. The alt-text of a hyperlink is mapped to the office:title attribute of the <text:a> element.
12. The element <draw:a> is not supported.

This is supported in Word 2010, Word 2013, Word 2016, and Word 2019.

b. Excel 2013 does not support this for draw:a.

This is supported in Excel 2010, Excel 2013, Excel 2016, and Excel 2019.

c. PowerPoint 2013 does not support this for <draw:a> element.

This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

### **2.1.970 Section Appendix E.4, Further Guidelines**

a. Implementer notes have been added to the relevant sections in this document to address any accessibility issues, in accordance with the Accessibility Guidelines documentation.

b. This is supported in PowerPoint 2010, PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Implementer notes have been added to the relevant sections in this document to address any accessibility issues, per the Accessibility Guidelines documentation.

### 3 Change Tracking

This section identifies changes that were made to this document since the last release. Changes are classified as Major, Minor, or None.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements.
- A document revision that captures changes to protocol functionality.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **None** means that no new technical changes were introduced. Minor editorial and formatting changes may have been made, but the relevant technical content is identical to the last released version.

The changes made to this document are listed in the following table. For more information, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com).

Section	Description	Revision class
<a href="#">2.1.677</a> Section 15.5.3, Line Distance	Updated the product behavior for the style:line-spacing attribute for Word.	Minor

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