

## [MS-OODF3]:

# Office Implementation Information for ODF 1.2 Standards Support

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## Revision Summary

| Date       | Revision History | Revision Class | Comments   |
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| 1/20/2012  | 0.1              | New            | Released new document.   |
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| 7/16/2012  | 0.1              | None           | No changes to the meaning, language, or formatting of the technical content. |
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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 preliminary information about how Office implements new elements introduced in Open Document Format for Office Applications (OpenDocument) v1.2 [\[ODF1.2\]](#)

## 1.1 Glossary

This document uses the following terms:

**OfficeArt Math:** A component of Office that handles the processing for displaying native math typography elements used in OfficeArt textboxes or SmartArt in Word.

**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/>

[MS-DOCX] Microsoft Corporation, "[Word Extensions to the Office Open XML \(.docx\) File Format](#)".

[ODF1.2] OASIS, "Open Document Format for Office Applications (OpenDocument) Version 1.2", 29 September 2011, <http://docs.oasis-open.org/office/v1.2/os/OpenDocument-v1.2-os.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 2013

Microsoft Excel 2016

Microsoft Excel 2019

Microsoft PowerPoint 2013

Microsoft PowerPoint 2016

Microsoft PowerPoint 2019

Microsoft Word 2013

Microsoft Word 2016

Microsoft Word 2019

## 2 Standards Support Statements

This section contains implementation information about how Microsoft Excel 2013, Microsoft PowerPoint 2013, Microsoft Word 2013, Microsoft Excel 2016, Microsoft PowerPoint 2016, Microsoft Word 2016, Microsoft Excel 2019, Microsoft PowerPoint 2019, and Microsoft Word 2019 implement Open Document Format for Office Applications (OpenDocument) v1.2. Unless otherwise specified, implementation information in this document pertains to the client implementations of Microsoft Office 2013, Microsoft Office 2016, and Microsoft Office 2019.

### 2.1 Normative Variations

#### 2.1.1 Part 1 Section 3.1.2, office:document

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

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

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

c. *The standard defines the element <office:document>, contained within the parent element <draw:object>*

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

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

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

#### 2.1.2 Part 1 Section 3.1.3.2, office:document-content

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

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

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

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

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

#### 2.1.3 Part 1 Section 3.1.3.3, office:document-styles

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

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

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

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

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

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

#### **2.1.4 Part 1 Section 3.1.3.4, `office:document-meta`**

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

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

On load, Word ignores this attribute.

On save, Word always writes a value of "1.2" for this attribute.

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

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

On load, Excel ignores this attribute.

On save, Excel always writes a value of "1.2" for this attribute.

#### **2.1.5 Part 1 Section 3.1.3.5, `office:document-settings`**

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

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

On load, Word ignores this attribute.

On save, Word always writes a value of "1.2" for this attribute.

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

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

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

On load, Excel ignores this attribute.

On save, Excel always writes a value of "1.2" for this attribute.

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

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

On load, PowerPoint ignores this attribute.

On save, PowerPoint always writes a value of "1.2" for this attribute.

#### **2.1.6 Part 1 Section 3.5, office:drawing**

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

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

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

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

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

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

#### **2.1.7 Part 1 Section 3.6, office:presentation**

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

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

#### **2.1.8 Part 1 Section 3.7, office:spreadsheet**

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

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

#### **2.1.9 Part 1 Section 3.8, office:chart**

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

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

#### **2.1.10 Part 1 Section 3.9, office:image**

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

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

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

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

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

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

#### **2.1.11 Part 1 Section 3.10, office:settings**

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

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

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

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

#### **2.1.12 Part 1 Section 3.10.2, config:config-item-set**

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

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

#### **2.1.13 Part 1 Section 3.10.3, config:config-item**

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

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

#### **2.1.14 Part 1 Section 3.10.4, config:config-item-map-indexed**

- 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 2013, Word 2016, or Word 2019.

#### **2.1.15 Part 1 Section 3.10.5, config:config-item-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 2013, Word 2016, or Word 2019.

#### **2.1.16 Part 1 Section 3.10.6, config:config-item-map-named**

- 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 2013, Word 2016, or Word 2019.

#### **2.1.17 Part 1 Section 3.11, Cursor Position Setting**

- a. *The standard defines the attribute Cursor Position Setting*

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

#### **2.1.18 Part 1 Section 3.13, office:script**

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

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

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

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



### 2.1.19 Part 1 Section 3.14, office:font-face-decls

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

**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>*

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 <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.

### 2.1.20 Part 1 Section 3.15.2, office:styles

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

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

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

Excel 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:styles>*

This element is supported in 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.

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

### **2.1.21 Part 1 Section 3.15.3, office:automatic-styles**

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

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

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

Excel 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:automatic-styles>*

This element is supported in 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.

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

### **2.1.22 Part 1 Section 3.15.4, office:master-styles**

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

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

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

### **2.1.23 Part 1 Section 4.3.2.8, meta:printed-by**

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

This element is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.  
PowerPoint does not save this property.

#### **2.1.24 Part 1 Section 4.3.2.10, dc:date**

- a. *The standard defines the element <dc:date>*

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

#### **2.1.25 Part 1 Section 4.3.2.11, meta:print-date**

- a. *The standard defines the element <meta:print-date>*

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

#### **2.1.26 Part 1 Section 4.3.2.12, meta:template**

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

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

#### **2.1.27 Part 1 Section 4.3.2.13, meta:auto-reload**

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

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

PowerPoint does not save this property.

#### **2.1.28 Part 1 Section 4.3.2.14, meta:hyperlink-behaviour**

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

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

PowerPoint does not save this property.

### **2.1.29 Part 1 Section 4.3.2.15, dc:language**

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

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

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

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

### **2.1.30 Part 1 Section 4.3.3, meta:user-defined**

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

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

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

### **2.1.31 Part 1 Section 5.1.2, text:h**

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

This element is supported in 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 element <text:h>*

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 <text:h>*

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>
- <table:table-cell>

### **2.1.32 Part 1 Section 5.1.3, text:p**

- a. *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.

- b. *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.

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

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

Excel loads <span> tags but does not save them.

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

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

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

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

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

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

- g. *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.

- h. *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>

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

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

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

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

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

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

- l. *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.

- m. *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>

### **2.1.33 Part 1 Section 5.2, text:page-sequence**

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

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

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

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

### 2.1.34 Part 1 Section 5.2.2, text:page

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

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

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

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

### 2.1.35 Part 1 Section 5.3.1, text:list

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### 2.1.36 Part 1 Section 5.3.3, text: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 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. *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.

- c. *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="").

### **2.1.37 Part 1 Section 5.3.6, text:numbered-paragraph**

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

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

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

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

### **2.1.38 Part 1 Section 5.4, text:section**

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

This element is supported in 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.

**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>, contained within the parent element <draw:text-box>*

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

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

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

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

This element is not supported in 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>

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

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

### **2.1.39 Part 1 Section 5.4.2, text: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 2013, Word 2016, or Word 2019.

- c. *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>

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

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

#### **2.1.40 Part 1 Section 5.5.1, text:tracked-changes**

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

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

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

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

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

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

#### **2.1.41 Part 1 Section 5.5.2, text:changed-region**

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

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

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

#### **2.1.42 Part 1 Section 5.5.3, text:insertion**

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

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

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

#### **2.1.43 Part 1 Section 5.5.4, text:deletion**

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

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

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

#### **2.1.44 Part 1 Section 5.5.5, text:format-change**

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

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

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

### **2.1.45 Part 1 Section 5.5.6, office:change-info**

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

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

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

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

### **2.1.46 Part 1 Section 5.5.7.2, text:change-start**

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

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

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

### **2.1.47 Part 1 Section 5.5.7.3, text:change-end**

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

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

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

### **2.1.48 Part 1 Section 5.5.7.4, text:change**

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

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

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

### **2.1.49 Part 1 Section 5.6, text:soft-page-break**

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

This element is supported in 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. *The standard defines the element <text:soft-page-break>, contained within the parent element <table:table>*

This element is supported in 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.

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

This element is supported in 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.

- d. *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 2013, Excel 2016, or Excel 2019.

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

This element is not supported in 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 element <text:soft-page-break>, contained within the parent element <text:p>*

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

- g. *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>

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

- i. *The standard defines the element <text:soft-page-break>, contained within the parent element <table:table-rows>*

### 2.1.50 Part 1 Section 6.1.3, text:s

- a. *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.

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

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

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

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 <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>

### 2.1.51 Part 1 Section 6.1.4, text:tab

- a. *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.

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

This element is not supported in 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>

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

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

On load, Excel converts <tab> elements to spaces.

- d. *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>

### **2.1.52 Part 1 Section 6.1.5, text:line-break**

- 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 attribute text:line-break*

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

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

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

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

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>

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

This element is supported in 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.

- e. *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>

### 2.1.53 Part 1 Section 6.1.7, text:span

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

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

On load, Excel reads the element <text:span> but does not write it on save.

**OfficeArt Math** in Excel 2013 does not support this element 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.

### **2.1.54 Part 1 Section 6.1.8, text:a**

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

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

On load, Excel reads the element <text:a> but does not write it on save.

### **2.1.55 Part 1 Section 6.1.10, text:number**

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

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

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

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

- c. *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.

- d. *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>

### 2.1.56 Part 1 Section 6.2.1.2, text:bookmark

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

**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>*

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 <text:bookmark>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, 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>

### 2.1.57 Part 1 Section 6.2.1.3, text:bookmark-start

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

**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-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>

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

This element is not supported in PowerPoint 2013, PowerPoint 2016, 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>

## **2.1.58 Part 1 Section 6.2.1.4, text:bookmark-end**

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

**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>*

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 <text:bookmark-end>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, 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>

### **2.1.59 Part 1 Section 6.2.2.2, text:reference-mark**

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

This element is supported in 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>*

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>

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

This element is not supported in 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>

#### **2.1.60 Part 1 Section 6.2.2.3, text:reference-mark-start**

- a. *The standard defines the element <text:reference-mark-start>*

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

On load, Word converts reference marks to bookmarks.

- b. *The standard defines the element <text:reference-mark-start>*

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

#### **2.1.61 Part 1 Section 6.2.2.4, text:reference-mark-end**

- a. *The standard defines the element <text:reference-mark-end>*

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

On load, Word converts reference marks to bookmarks.

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

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

#### **2.1.62 Part 1 Section 6.3.2, text:note**

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

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

On load, footnotes are dropped from headers, footers, textboxes, ,and annotations.

**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:note>, contained within the parent element <draw:frame>*

This element is not supported in Word 2013, Word 2016, or Word 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 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>

### 2.1.63 Part 1 Section 6.3.3, text:note-citation

a. *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.

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

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

Word always reads the contents of the element instead of the text:label attribute.

c. *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>
- d. *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>

#### **2.1.64 Part 1 Section 6.3.4, text:note-body**

- a. *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.

- b. *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>

- c. *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>

#### **2.1.65 Part 1 Section 6.4, text:ruby**

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

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

On load, Excel reads the element <text:ruby> but does not write it on save.

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

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

#### **2.1.66 Part 1 Section 6.4.3, text:ruby-text**

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

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

#### **2.1.67 Part 1 Section 7.3.5, text:page-continuation**

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

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

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

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

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

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

#### **2.1.68 Part 1 Section 7.3.6.2, text:sender-firstname**

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

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

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

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

#### **2.1.69 Part 1 Section 7.3.6.3, text:sender-lastname**

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

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

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

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



### **2.1.70 Part 1 Section 7.3.6.4, text:sender-initials**

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

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

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

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

### **2.1.71 Part 1 Section 7.3.6.5, text:sender-title**

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

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

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

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

### **2.1.72 Part 1 Section 7.3.6.6, text:sender-position**

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

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

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

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

### **2.1.73 Part 1 Section 7.3.6.7, text:sender-email**

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

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

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

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

### **2.1.74 Part 1 Section 7.3.6.8, text:sender-phone-private**

- a. *The standard defines the element <text:sender-phone-private>*

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

- b. *The standard defines the element <text:sender-phone-private>*

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

### **2.1.75 Part 1 Section 7.3.6.9, text:sender-fax**

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

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

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

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

### **2.1.76 Part 1 Section 7.3.6.10, text:sender-company**

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

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

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

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

### **2.1.77 Part 1 Section 7.3.6.11, text:sender-phone-work**

- a. *The standard defines the element <text:sender-phone-work>*

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

- b. *The standard defines the element <text:sender-phone-work>*

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

### **2.1.78 Part 1 Section 7.3.6.12, text:sender-street**

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

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

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

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

### **2.1.79 Part 1 Section 7.3.6.13, text:sender-city**

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

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

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

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

### **2.1.80 Part 1 Section 7.3.6.14, text:sender-postal-code**

- a. *The standard defines the element <text:sender-postal-code>*

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

- b. *The standard defines the element <text:sender-postal-code>*

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

### **2.1.81 Part 1 Section 7.3.6.15, text:sender-country**

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

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

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

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

### **2.1.82 Part 1 Section 7.3.6.16, text:sender-state-or-province**

- a. *The standard defines the element <text:sender-state-or-province>*

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

- b. *The standard defines the element <text:sender-state-or-province>*

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

### **2.1.83 Part 1 Section 7.3.7.1, text:author-name**

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

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

### **2.1.84 Part 1 Section 7.3.7.2, text:author-initials**

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

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

### **2.1.85 Part 1 Section 7.3.8, text:chapter**

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

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

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

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

### **2.1.86 Part 1 Section 7.3.9, text:file-name**

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

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

### **2.1.87 Part 1 Section 7.3.10, text:template-name**

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

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

### **2.1.88 Part 1 Section 7.3.11, text:sheet-name**

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

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

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

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

### **2.1.89 Part 1 Section 7.4.2, text:variable-decls**

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

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

#### **2.1.90 Part 1 Section 7.4.3, text:variable-decl**

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

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

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

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

#### **2.1.91 Part 1 Section 7.4.4, text:variable-set**

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

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

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

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

#### **2.1.92 Part 1 Section 7.4.5, text:variable-get**

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

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

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

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

#### **2.1.93 Part 1 Section 7.4.6, text:variable-input**

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

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

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

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

#### **2.1.94 Part 1 Section 7.4.7, text:user-field-decls**

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

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

#### **2.1.95 Part 1 Section 7.4.8, text:user-field-decl**

- a. *The standard defines the element <text:user-field-decl>*

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

- b. *The standard defines the element <text:user-field-decl>*

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

### **2.1.96 Part 1 Section 7.4.9, text:user-field-get**

- a. *The standard defines the element <text:user-field-get>*

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

- b. *The standard defines the element <text:user-field-get>*

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

### **2.1.97 Part 1 Section 7.4.10, text:user-field-input**

- a. *The standard defines the element <text:user-field-input>*

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

- b. *The standard defines the element <text:user-field-input>*

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

### **2.1.98 Part 1 Section 7.4.11, text:sequence-decls**

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

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

### **2.1.99 Part 1 Section 7.4.12, text:sequence-decl**

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

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

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

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

### **2.1.100 Part 1 Section 7.4.13, text:sequence**

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

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

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

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

### **2.1.101 Part 1 Section 7.4.14, text:expression**

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

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

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

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

### **2.1.102 Part 1 Section 7.4.15, text:text-input**

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

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

### **2.1.103 Part 1 Section 7.5.2, text:initial-creator**

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

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

### **2.1.104 Part 1 Section 7.5.3, text:creation-date**

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

This element is supported in 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 element <text:creation-date>*

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

### **2.1.105 Part 1 Section 7.5.4, text:creation-time**

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

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

4. 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.  
5. On load, Word converts <text:creation-time> elements to <text:creation-date> elements.

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

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

### **2.1.106 Part 1 Section 7.5.5, text:description**

- a. *The standard defines the attribute text:description*

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

- b. *The standard defines the attribute text:description*

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

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

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

### **2.1.107 Part 1 Section 7.5.6, text:user-defined**

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

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

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

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

#### **2.1.108 Part 1 Section 7.5.7, text:print-time**

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

This element is supported in 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 element <text:print-time>*

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

#### **2.1.109 Part 1 Section 7.5.8, text:print-date**

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

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

#### **2.1.110 Part 1 Section 7.5.9, text:printed-by**

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

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

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

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

#### **2.1.111 Part 1 Section 7.5.10, text:title**

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

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

#### **2.1.112 Part 1 Section 7.5.11, text:subject**

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

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

#### **2.1.113 Part 1 Section 7.5.12, text:keywords**

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

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

#### **2.1.114 Part 1 Section 7.5.13, text:editing-cycles**

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

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

### **2.1.115 Part 1 Section 7.5.14, text:editing-duration**

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

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

### **2.1.116 Part 1 Section 7.5.15, text:modification-time**

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

This element is supported in 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 element <text:modification-time>*

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

### **2.1.117 Part 1 Section 7.5.16, text:modification-date**

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

This element is supported in 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 element <text:modification-date>*

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

### **2.1.118 Part 1 Section 7.5.17, text:creator**

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

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

### **2.1.119 Part 1 Section 7.5.18.2, text:page-count**

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

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

### **2.1.120 Part 1 Section 7.5.18.3, text:paragraph-count**

- a. *The standard defines the attribute text:paragraph-count*

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

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

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

### **2.1.121 Part 1 Section 7.5.18.4, text:word-count**

- a. *The standard defines the attribute text:word-count*



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

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

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

#### **2.1.122 Part 1 Section 7.5.18.5, text:character-count**

- a. *The standard defines the attribute text:character-count*

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

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

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

#### **2.1.123 Part 1 Section 7.5.18.6, text:table-count**

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

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

- b. *The standard defines the attribute text:table-count*

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

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

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

#### **2.1.124 Part 1 Section 7.5.18.7, text:image-count**

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

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

- b. *The standard defines the attribute text:image-count*

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

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

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

#### **2.1.125 Part 1 Section 7.5.18.8, text:object-count**

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

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

- b. *The standard defines the attribute text:object-count*

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

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

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

## 2.1.126 Part 1 Section 7.6.2, form:connection-resource

- a. *The standard defines the element <form:connection-resource>*

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

This implementer note references the following standards:

6. [\[ISO/IEC-29500:2008\]](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>.
7. [\[RFC3986\]](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&a
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:S
ystem%20database%3D%22%22;Jet%20OLEDB:Registry%20Path%3D%22%22;Jet%20OLEDB:E
ngine%20Type%3D35;Jet%20OLEDB:Database%20Locking%20Mode%3D0;Jet%20OLEDB:Global
%20Partial%20Bulk%20Ops%3D2;Jet%20OLEDB:Global%20Bulk%20Transactions%3D1;Jet%20
OLEDB:New%20Database%20Password%3D%22%22;Jet%20OLEDB:Create%20System%20Data
base%3DFalse;Jet%20OLEDB:Encrypt%20Database%3DFalse;Jet%20OLEDB:Don't%20Copy%20
Locale%20on%20Compact%3DFalse;Jet%20OLEDB:Compact%20Without%20Replica%20Repair%
3DFalse;Jet%20OLEDB:SFP%3DFalse;Jet%20OLEDB:Support%20Complex%20Data%3DFalse&am
p;odsoTable=Sheet1$&odsoSrc=\\word\public\user\sample%20mail%20merge%20data%20
sources\Word%20Create%20Date.xls&odsoColDelim=9&odsoType=1&odsoFHdr=1
&odsoFieldMapColumn=0&odsoFieldMapLid=1033&odsoFieldMapDataEnd=1&odsoFieldMapType=1
&odsoFieldMapName=Title&odsoFieldMapMappedName=Courtesy%20Title&odsoFieldMapColumn=
0&odsoFieldMapLid=1033&odsoFieldMapDataEnd=2&odsoFieldMapType=1&odsoFieldMapName=Fi
rst%20Name&odsoFieldMapMappedName=First%20Name&odsoFieldMapColumn=1&odsoFieldMap
Lid=1033&odsoFieldMapDataEnd=3&odsoFieldMapColumn=0&odsoFieldMapLid=1033&odsoFieldM
apDataEnd=4&odsoFieldMapType=1&odsoFieldMapName=Last%20Name&odsoFieldMapMappedNa
me=Last%20Name&odsoFieldMapColumn=2&odsoFieldMapLid=1033&odsoFieldMapDataEnd=5&a
mp;odsoFieldMapColumn=0&odsoFieldMapLid=1033&odsoFieldMapDataEnd=6&odsoFieldMapColumn=0
&odsoFieldMapLid=1033&odsoFieldMapDataEnd=7&odsoFieldMapColumn=0&odsoFieldMapLid=10
33&odsoFieldMapDataEnd=8&odsoFieldMapType=1&odsoFieldMapName=Company%20Name&a
mp;odsoFieldMapMappedName=Company&odsoFieldMapColumn=3&odsoFieldMapLid=1033&odsoFieldM
apDataEnd=9&odsoFieldMapType=1&odsoFieldMapName=Address%20Line%201&odsoFieldMapMa
ppedName=Address%201&odsoFieldMapColumn=4&odsoFieldMapLid=1033&odsoFieldMapDataEn
d=10&odsoFieldMapType=1&odsoFieldMapName=Address%20Line%202&odsoFieldMapMappedNa
```

me=Address%20&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. *The standard defines the element <form:connection-resource>*

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

### **2.1.127 Part 1 Section 7.6.3, text:database-display**

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

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

### **2.1.128 Part 1 Section 7.6.4, text:database-next**

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

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

### **2.1.129 Part 1 Section 7.6.5, text:database-row-select**

- a. *The standard defines the element <text:database-row-select>*

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

**2.1.130 Part 1 Section 7.6.6, text:database-row-number**

- a. *The standard defines the element <text:database-row-number>*

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

**2.1.131 Part 1 Section 7.6.7, text:database-name**

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

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

**2.1.132 Part 1 Section 7.7.1.2, text:page-variable-set**

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

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

- b. *The standard defines the element <text:page-variable-set>*

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

**2.1.133 Part 1 Section 7.7.1.3, text:page-variable-get**

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

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

**2.1.134 Part 1 Section 7.7.2, text:placeholder**

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

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

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

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

**2.1.135 Part 1 Section 7.7.3, text:conditional-text**

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

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

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

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

**2.1.136 Part 1 Section 7.7.4, text:hidden-text**

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

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

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

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



### **2.1.137 Part 1 Section 7.7.5, text:reference-ref**

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

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

8. On load, Word converts the element <text:reference-ref> to <text:bookmark-ref>.  
9. On save, the hyperlink to the object being referenced is lost.

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

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

### **2.1.138 Part 1 Section 7.7.6, text:bookmark-ref**

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

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

### **2.1.139 Part 1 Section 7.7.7, text:note-ref**

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

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

On load, Word ignores footnote references. On save, Word writes out footnote references.

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

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

### **2.1.140 Part 1 Section 7.7.8, text:sequence-ref**

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

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

### **2.1.141 Part 1 Section 7.7.9, text:script**

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

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

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

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

### **2.1.142 Part 1 Section 7.7.10, text:execute-macro**

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

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

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

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

### **2.1.143 Part 1 Section 7.7.11, text:hidden-paragraph**

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

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

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

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

### **2.1.144 Part 1 Section 7.7.12, text:dde-connection**

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

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

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

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

### **2.1.145 Part 1 Section 7.7.13, text:measure**

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

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

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

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

### **2.1.146 Part 1 Section 7.7.14, text:table-formula**

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

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

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

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

### **2.1.147 Part 1 Section 8.1.2, text:toc-mark-start**

- a. *The standard defines the element <text:toc-mark-start>*

This element is supported in 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.

- b. *The standard defines the element <text:toc-mark-start>*

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

### **2.1.148 Part 1 Section 8.1.3, text:toc-mark-end**

- a. *The standard defines the element <text:toc-mark-end>*

This element is supported in 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.

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

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

#### **2.1.149 Part 1 Section 8.1.4, text:toc-mark**

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

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

#### **2.1.150 Part 1 Section 8.1.5, text:user-index-mark-start**

- a. *The standard defines the element <text:user-index-mark-start>*

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

- b. *The standard defines the element <text:user-index-mark-start>*

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

#### **2.1.151 Part 1 Section 8.1.6, text:user-index-mark-end**

- a. *The standard defines the element <text:user-index-mark-end>*

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

- b. *The standard defines the element <text:user-index-mark-end>*

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

#### **2.1.152 Part 1 Section 8.1.7, text:user-index-mark**

- a. *The standard defines the element <text:user-index-mark>*

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

- b. *The standard defines the element <text:user-index-mark>*

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

#### **2.1.153 Part 1 Section 8.1.8, text:alphabetical-index-mark-start**

- a. *The standard defines the element <text:alphabetical-index-mark-start>*

This element is supported in 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.

- b. *The standard defines the element <text:alphabetical-index-mark-start>*

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

### **2.1.154 Part 1 Section 8.1.9, text:alphabetical-index-mark-end**

- a. *The standard defines the element <text:alphabetical-index-mark-end>*

This element is supported in 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.

- b. *The standard defines the element <text:alphabetical-index-mark-end>*

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

### **2.1.155 Part 1 Section 8.1.10, text:alphabetical-index-mark**

- a. *The standard defines the element <text:alphabetical-index-mark>*

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

### **2.1.156 Part 1 Section 8.1.11, text:bibliography-mark**

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

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

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

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

### **2.1.157 Part 1 Section 8.2.2, text:index-body**

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

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

### **2.1.158 Part 1 Section 8.2.3, text:index-title**

- a. *The standard defines the element <text:index-title>, contained within the parent element <text:index-body>*

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

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

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

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

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

### **2.1.159 Part 1 Section 8.3, text:table-of-content**

- a. *The standard defines the element <text:table-of-content>*

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

- b. *The standard defines the element <text:table-of-content>*

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

### **2.1.160 Part 1 Section 8.3.3, text:table-of-content-entry-template**

- a. *The standard defines the element <text:table-of-content-entry-template>*

This element is not supported in 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.

### **2.1.161 Part 1 Section 8.4, text:illustration-index**

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

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

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

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

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

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

### **2.1.162 Part 1 Section 8.4.2, text:illustration-index-source**

- a. *The standard defines the element <text:illustration-index-source>*

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

### **2.1.163 Part 1 Section 8.4.3, text:illustration-index-entry-template**

- a. *The standard defines the element <text:illustration-index-entry-template>*

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

### **2.1.164 Part 1 Section 8.5, text:table-index**

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

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

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

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

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

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

### **2.1.165 Part 1 Section 8.5.2, text:table-index-source**

- a. *The standard defines the element <text:table-index-source>*

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

**2.1.166 Part 1 Section 8.5.3, text:table-index-entry-template**

- a. *The standard defines the element <text:table-index-entry-template>*

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

**2.1.167 Part 1 Section 8.6, text:object-index**

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

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

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

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

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

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

**2.1.168 Part 1 Section 8.6.2, text:object-index-source**

- a. *The standard defines the element <text:object-index-source>*

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

**2.1.169 Part 1 Section 8.6.3, text:object-index-entry-template**

- a. *The standard defines the element <text:object-index-entry-template>*

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

**2.1.170 Part 1 Section 8.7, text:user-index**

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

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

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

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

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

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

**2.1.171 Part 1 Section 8.7.2, text:user-index-source**

- a. *The standard defines the element <text:user-index-source>*

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

**2.1.172 Part 1 Section 8.7.3, text:user-index-entry-template**

- a. *The standard defines the element <text:user-index-entry-template>*

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

### **2.1.173 Part 1 Section 8.8, text:alphabetical-index**

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

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

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

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

### **2.1.174 Part 1 Section 8.8.3, text:alphabetical-index-auto-mark-file**

- a. *The standard defines the element <text:alphabetical-index-auto-mark-file>*

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

### **2.1.175 Part 1 Section 8.8.4, text:alphabetical-index-entry-template**

- a. *The standard defines the element <text:alphabetical-index-entry-template>*

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

### **2.1.176 Part 1 Section 8.9, text:bibliography**

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

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

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

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

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

### **2.1.177 Part 1 Section 8.9.2, text:bibliography-source**

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

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

### **2.1.178 Part 1 Section 8.9.3, text:bibliography-entry-template**

- a. *The standard defines the element <text:bibliography-entry-template>*

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

### **2.1.179 Part 1 Section 8.10, text:index-source-styles**

- a. *The standard defines the element <text:index-source-styles>*

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

### **2.1.180 Part 1 Section 8.12, text:index-title-template**

- a. *The standard defines the element <text:index-title-template>*

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

- b. *The standard defines the element <text:index-title-template>*

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

**2.1.181 Part 1 Section 8.13.1, text:index-entry-chapter**

- a. *The standard defines the element <text:index-entry-chapter>*

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

- b. *The standard defines the element <text:index-entry-chapter>*

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

**2.1.182 Part 1 Section 8.13.2, text:index-entry-text**

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

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

**2.1.183 Part 1 Section 8.13.3, text:index-entry-page-number**

- a. *The standard defines the element <text:index-entry-page-number>*

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

**2.1.184 Part 1 Section 8.13.4, text:index-entry-span**

- a. *The standard defines the element <text:index-entry-span>*

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

- b. *The standard defines the element <text:index-entry-span>*

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

**2.1.185 Part 1 Section 8.13.5, text:index-entry-bibliography**

- a. *The standard defines the element <text:index-entry-bibliography>*

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

- b. *The standard defines the element <text:index-entry-bibliography>*

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

**2.1.186 Part 1 Section 8.13.6, text:index-entry-tab-stop**

- a. *The standard defines the element <text:index-entry-tab-stop>*

This element is supported in 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 element <text:index-entry-tab-stop>*

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



### **2.1.187 Part 1 Section 8.13.7, text:index-entry-link-start**

- a. *The standard defines the element <text:index-entry-link-start>*

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

### **2.1.188 Part 1 Section 8.13.8, text:index-entry-link-end**

- a. *The standard defines the element <text:index-entry-link-end>*

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

### **2.1.189 Part 1 Section 9.1.2, table:table**

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

This element is supported in 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 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 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 element <table:table>*

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

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

- f. *The standard defines the element <table:table>, contained within the parent element <draw:textbox>*

- g. *The standard defines the element <table:table>, contained within the parent element <office:text>*

- h. *The standard defines the element <table:table>, contained within the parent element <style:footer>*

- i. *The standard defines the element <table:table>, contained within the parent element <style:footer-left>*

- j. *The standard defines the element <table:table>, contained within the parent element <style:header>*

- k. *The standard defines the element <table:table>, contained within the parent element <style:header-left>*
- l. *The standard defines the element <table:table>, contained within the parent element <table:covered-table-cell>*
- m. *The standard defines the element <table:table>, contained within the parent element <table:dde-link>*
- n. *The standard defines the element <table:table>, contained within the parent element <table:table-cell>*
- o. *The standard defines the element <table:table>, contained within the parent element <text:deletion>*
- p. *The standard defines the element <table:table>, contained within the parent element <text:index-body>*
- q. *The standard defines the element <table:table>, contained within the parent element <text:index-title>*
- r. *The standard defines the element <table:table>, contained within the parent element <text:note-body>*
- s. *The standard defines the element <table:table>, contained within the parent element <text:section>*

#### **2.1.190 Part 1 Section 9.1.3, table:table-row**

- a. *The standard defines the element <table:table-row>, contained within the parent element <table:table-header-rows>*
- b. *The standard defines the element <table:table-row>, contained within the parent element <table:table-row-group>*
- c. *The standard defines the element <table:table-row>, contained within the parent element <table:table-rows>*

#### **2.1.191 Part 1 Section 9.1.5, table:covered-table-cell**

- a. *The standard defines the element <table:covered-table-cell>*

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

- b. *The standard defines the element <table:covered-table-cell>*

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

PowerPoint only writes out this element for cells spanning multiple rows/columns but does not read it on file open.

#### **2.1.192 Part 1 Section 9.1.6, table:table-column**

- a. *The standard defines the element <table:table-column>*

This element is supported in 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 element <table:table-column>*

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

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

- c. *The standard defines the element <table:table-column>*

### **2.1.193 Part 1 Section 9.1.7, table:table-header-rows**

- a. *The standard defines the element <table:table-header-rows>*

This element is supported in 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.

This element is not supported in 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.

- b. *The standard defines the element <table:table-header-rows>*

### **2.1.194 Part 1 Section 9.1.8, table:table-rows**

- a. *The standard defines the element <table:table-rows>*

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

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

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

On load, Excel reads this element, but does not write it on save.

### **2.1.195 Part 1 Section 9.1.9, table:table-row-group**

- a. *The standard defines the element <table:table-row-group>*

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

- b. *The standard defines the element <table:table-row-group>*

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

- c. *The standard defines the element <table:table-row-group>*

### **2.1.196 Part 1 Section 9.1.10, table:table-column-group**

- a. *The standard defines the element <table:table-column-group>*

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

- b. *The standard defines the element <table:table-column-group>*

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

- c. *The standard defines the element <table:table-column-group>*

### **2.1.197 Part 1 Section 9.1.11, table:table-header-columns**

- a. *The standard defines the element <table:table-header-columns>*

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

- b. *The standard defines the element <table:table-header-columns>*

This element is supported in 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.

This element is not supported in 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.

- c. *The standard defines the element <table:table-header-columns>*

### **2.1.198 Part 1 Section 9.1.12, table:table-columns**

- a. *The standard defines the element <table:table-columns>*

### **2.1.199 Part 1 Section 9.1.13, table:title**

- a. *The standard defines the element <table:title>*

### **2.1.200 Part 1 Section 9.1.14, table:desc**

- a. *The standard defines the element <table:desc>*

### **2.1.201 Part 1 Section 9.2.6, table:table-source**

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

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

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

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

- c. *The standard defines the element <table:table-source>, contained within the parent element <table:table>*

### **2.1.202 Part 1 Section 9.2.7, table:scenario**

- a. *The standard defines the element <table:scenario>*

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

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

Excel stores the scenario name in the table:name attribute of the parent table.

- b. *The standard defines the element <table:scenario>, contained within the parent element <table:dde-link>*

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

- c. *The standard defines the element <table:scenario>, contained within the parent element <table:table>*

#### **2.1.203 Part 1 Section 9.2.8, table:shapes**

- a. *The standard defines the element <table:shapes>*

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

- b. *The standard defines the element <table:shapes>, contained within the parent element <table:dde-link>*

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

- c. *The standard defines the element <table:shapes>, contained within the parent element <table:table>*

#### **2.1.204 Part 1 Section 9.3.1, table:cell-range-source**

- a. *The standard defines the element <table:cell-range-source>*

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

#### **2.1.205 Part 1 Section 9.3.2, table:detective**

- a. *The standard defines the element <table:detective>*

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

#### **2.1.206 Part 1 Section 9.3.3, table:operation**

- a. *The standard defines the attribute table:operation, contained within the element <table:detective>*

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

#### **2.1.207 Part 1 Section 9.3.4, table:highlighted-range**

- a. *The standard defines the attribute table:highlighted-range, contained within the element <table:detective>*

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

#### **2.1.208 Part 1 Section 9.4.8, table:error-macro**

- a. *The standard defines the attribute table:error-macro, contained within the element <table:content-validation>*

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

#### **2.1.209 Part 1 Section 9.4.9, table:label-range**

- a. *The standard defines the element <table:label-range>, contained within the parent element <table:label-ranges>*

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

#### **2.1.210 Part 1 Section 9.4.10, table:label-ranges**

- a. *The standard defines the element <table:label-ranges>*

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

#### **2.1.211 Part 1 Section 9.4.11, table:named-expressions**

- a. *The standard defines the element <table:named-expressions>, contained within the parent element <table:table>*

#### **2.1.212 Part 1 Section 9.5.3, table:filter-and**

- a. *The standard defines the element <table:filter-and>, contained within the parent element <table:filter>*

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

Some combinations of the elements <filter-and> and <filter-or> are not supported.

#### **2.1.213 Part 1 Section 9.5.4, table:filter-or**

- a. *The standard defines the element <table:filter-or>, contained within the parent element <table:filter>*

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

Some combinations of the elements <filter-and> and <filter-or> are not supported.

#### **2.1.214 Part 1 Section 9.5.6, table:filter-set-item**

- a. *The standard defines the attribute [all attributes], contained within the element <table:filter-set-item>*

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

#### **2.1.215 Part 1 Section 9.6.6, table: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 2013, Excel 2016, or Excel 2019.

#### **2.1.216 Part 1 Section 9.7, table:consolidation**

- a. *The standard defines the element <table:consolidation>*

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

#### **2.1.217 Part 1 Section 9.8, table:dde-links**

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

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

### **2.1.218 Part 1 Section 9.9.2, table:tracked-changes**

- a. *The standard defines the element <table:tracked-changes>*

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

### **2.1.219 Part 1 Section 9.9.15, table:target-range-address**

- a. *The standard defines the attribute table:target-range-address, contained within the element <table:filter>*

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

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.220 Part 1 Section 10.2.1, style:handout-master**

- a. *The standard defines the element <style:handout-master>*

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

- b. *The standard defines the element <style:handout-master>*

This element is supported in 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.

### **2.1.221 Part 1 Section 10.2.3, draw:layer**

- a. *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>

- b. *The standard defines the attribute draw:layer, contained within the element <office:annotation>*

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

- c. *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>

d. *The standard defines the attribute `draw:layer`, contained within the element `<office:annotation>`*

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

e. *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>

f. *The standard defines the element `<draw:layer>`*

This element is supported in 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.

## **2.1.222 Part 1 Section 10.3.2, `draw:rect`**

a. *The standard defines the element `<draw:rect>`*

This element is supported in 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 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 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>
- <table:table-cell>

## 2.1.223 Part 1 Section 10.3.3, draw:line

### a. *The standard defines the element <draw:line>*

This element is supported in 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 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 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>
- <table:table-cell>

#### **2.1.224 Part 1 Section 10.3.4, draw:polyline**

a. *The standard defines the element <draw:polyline>*

This element is supported in 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 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 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>
- <table:table-cell>

### **2.1.225 Part 1 Section 10.3.5, draw:polygon**

a. *The standard defines the element <draw:polygon>*

This element is supported in 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 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 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>
- <table:table-cell>

### **2.1.226 Part 1 Section 10.3.6, draw:regular-polygon**

a. *The standard defines the element <draw:regular-polygon>*

This element is supported in 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 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 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>
- <table:table-cell>

## **2.1.227 Part 1 Section 10.3.7, draw:path**

a. *The standard defines the element <draw:path>*

This element is supported in 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 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 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>
- <table:table-cell>

## **2.1.228 Part 1 Section 10.3.8, draw:circle**

a. *The standard defines the element <draw:circle>*

This element is supported in 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 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 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>
- <table:table-cell>



## 2.1.229 Part 1 Section 10.3.9, draw:ellipse

### a. *The standard defines the element <draw:ellipse>*

This element is supported in 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 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 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>
- <table:table-cell>

### **2.1.230 Part 1 Section 10.3.10, draw:connector**

- a. *The standard defines the element <draw:connector>*

This element is supported in 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 element <draw:connector>*

This element is supported in 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>

- c. *The standard defines the element <draw:connector>*

This element is supported in 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>
- <table:table-cell>

### **2.1.231 Part 1 Section 10.3.11, draw:caption**

a. *The standard defines the element <draw:caption>*

This element is supported in 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 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 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>
- <table:table-cell>

### **2.1.232 Part 1 Section 10.3.12, draw:measure**

a. *The standard defines the element <draw:measure>*

This element is supported in 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 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 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>
- <table:table-cell>

### **2.1.233 Part 1 Section 10.3.13, draw:control**

a. *The standard defines the element <draw:control>*

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

b. *The standard defines the element <draw:control>*

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

c. *The standard defines the element <draw:control>*

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

### **2.1.234 Part 1 Section 10.3.14, draw: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 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 2013, PowerPoint 2016, PowerPoint 2019.

### **2.1.235 Part 1 Section 10.3.15, draw:g**

a. *The standard defines the element <draw:g>*

This element is supported in 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 element <draw:g>*

This element is supported in 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.

c. *The standard defines the element <draw:g>*

This element is supported in 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>
- <table:table-cell>

If a group contains only one object, then PowerPoint loads only the object, and loses the grouping.

### **2.1.236 Part 1 Section 10.3.16, draw:glue-point**

- 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>

### **2.1.237 Part 1 Section 10.3.17, svg:title**

a. *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>

b. *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>

c. *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>

d. *The standard defines the attribute `svg:title`, contained within the element `<draw:layer>`*

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

### **2.1.238 Part 1 Section 10.3.18, `svg:desc`**

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: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>

c. *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>

- d. *The standard defines the attribute `svg:desc`, contained within the element `<draw:layer>`*

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

### **2.1.239 Part 1 Section 10.3.19, office:event-listeners**

- a. *The standard defines the element `<office:event-listeners>`*

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

- b. *The standard defines the element `<office:event-listeners>`*

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

- c. *The standard defines the attribute `office:event-listeners`, contained within the element `<text:a>`*

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

### **2.1.240 Part 1 Section 10.4.2, draw:frame**

- a. *The standard defines the element `<draw:frame>`*

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

Word frames become textboxes after save.

This element is supported in 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 element `<draw:frame>`*

This element is supported in 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>`.

- c. *The standard defines the element `<draw:frame>`*

This element is supported in 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.

- d. *The standard defines the element <draw:frame>, contained within the parent element <draw:a>*

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

PowerPoint creates hyperlinks on shapes using the event-listener mechanism. PowerPoint does not load frames in hyperlinks.

### **2.1.241 Part 1 Section 10.4.3, draw:text-box**

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

This element is supported in 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 element <draw:text-box>*

This element is supported in 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>

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

This element is supported in 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>
- <table:table-cell>

#### **2.1.242 Part 1 Section 10.4.4, draw:image**

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

This element is supported in 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 element <draw:image>*

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

Text on an image is not supported and on load, Excel drops the text.

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

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

Text on an image is not supported and on load, PowerPoint drops the text.

#### **2.1.243 Part 1 Section 10.4.5, office:binary-data**

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

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

- b. *The standard defines the element <office:binary-data>, contained within the parent element <draw:object-ole>*

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

- c. *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 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute office:binary-data, contained within the element <draw:object-ole>*

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

- e. *The standard defines the element <office:binary-data>*

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

- f. *The standard defines the element <office:binary-data>, contained within the parent element <style:background-image>*

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

- g. *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.

- h. *The standard defines the element <office:binary-data>*

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

- 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>.

#### **2.1.244 Part 1 Section 10.4.6.3, draw:object-ole**

- a. *The standard defines the element <draw:object-ole>*

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

10. Excel does not write a fill on OLE objects, so the background of a OLE object will appear transparent.  
11. Excel only supports absolute paths for OLE links.

- b. *The standard defines the element <draw:object-ole>*

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

PowerPoint does not read in OLE object names; it sets default values for these attributes on load.

### **2.1.245 Part 1 Section 10.4.7, draw:applet**

- a. *The standard defines the element <draw:applet>*

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

- b. *The standard defines the element <draw:applet>*

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

- c. *The standard defines the element <draw:applet>*

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

### **2.1.246 Part 1 Section 10.4.8, draw:plugin**

- a. *The standard defines the element <draw:plugin>*

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

- b. *The standard defines the element <draw:plugin>*

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

- c. *The standard defines the element <draw:plugin>*

This element is supported in 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.

### **2.1.247 Part 1 Section 10.4.9, draw:param**

- a. *The standard defines the element <draw:param>, contained within the parent element <draw:applet>*

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

- c. *The standard defines the element <draw:param>*

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

- d. *The standard defines the element <draw:param>*

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

### **2.1.248 Part 1 Section 10.4.10, draw:floating-frame**

- a. *The standard defines the element <draw:floating-frame>*

This element is not supported in 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>*

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

- c. *The standard defines the element <draw:floating-frame>*

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

#### **2.1.249 Part 1 Section 10.4.11.2, draw:contour-polygon**

- a. *The standard defines the element <draw:contour>, contained within the parent element <draw:applet>*

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

#### **2.1.250 Part 1 Section 10.4.11.3, draw:contour-path**

- a. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:applet>*

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

- b. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:floating frame>*

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

- c. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:image>*

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

- d. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:object>*

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

- e. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:object-ole>*

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

- f. *The standard defines the element <draw:contour-path>, contained within the parent element <draw:plugin>*

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

#### **2.1.251 Part 1 Section 10.4.12, draw:a**

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

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

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

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

- c. *The standard defines the element <draw:a>*

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

- d. *The standard defines the element <draw:a>*

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

#### **2.1.252 Part 1 Section 10.4.13.2, draw:image-map**

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

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

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

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

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

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

#### **2.1.253 Part 1 Section 10.5.2, dr3d:scene**

- a. *The standard defines the element <dr3d:scene>*

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

- b. *The standard defines the element <dr3d:scene>*

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

- c. *The standard defines the element <dr3d:scene>*

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



### **2.1.254 Part 1 Section 10.5.3, dr3d:light**

- a. *The standard defines the element <dr3d:light>*

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

- b. *The standard defines the element <dr3d:light>*

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

- c. *The standard defines the element <dr3d:light>, contained within the parent element <chart:plot-area>*

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

- d. *The standard defines the element <dr3d:light>*

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

### **2.1.255 Part 1 Section 10.5.4, dr3d:cube**

- a. *The standard defines the element <dr3d:cube>*

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

- b. *The standard defines the element <dr3d:cube>*

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

- c. *The standard defines the element <dr3d:cube>*

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

### **2.1.256 Part 1 Section 10.5.5, dr3d:sphere**

- a. *The standard defines the element <dr3d:sphere>*

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

- b. *The standard defines the element <dr3d:sphere>*

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

- c. *The standard defines the element <dr3d:sphere>*

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

### **2.1.257 Part 1 Section 10.5.6, dr3d:extrude**

- a. *The standard defines the element <dr3d:extrude>*

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

- b. *The standard defines the element <dr3d:extrude>*

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

- c. *The standard defines the element <dr3d:extrude>*

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

### **2.1.258 Part 1 Section 10.5.7, dr3d:rotate**

- a. *The standard defines the element <dr3d:rotate>*

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

- b. *The standard defines the element <dr3d:rotate>*

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

- c. *The standard defines the element <dr3d:rotate>*

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

### **2.1.259 Part 1 Section 10.8.1, presentation:animations**

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

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

### **2.1.260 Part 1 Section 10.8.2, presentation:sound**

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

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

- b. *The standard defines the element <presentation:sound>, contained within the parent element <presentation:event-listener>*

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

- c. *The standard defines the attribute presentation:sound, contained within the element <style:drawing-page-properties>*

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

### **2.1.261 Part 1 Section 10.8.3, presentation:show-shape**

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

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

### **2.1.262 Part 1 Section 10.8.4, presentation:show-text**

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

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

### **2.1.263 Part 1 Section 10.8.5, presentation:hide-shape**

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

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

### **2.1.264 Part 1 Section 10.8.6, presentation:hide-text**

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

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

#### **2.1.265 Part 1 Section 10.8.7, presentation:dim**

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

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

#### **2.1.266 Part 1 Section 10.8.8, presentation:play**

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

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

#### **2.1.267 Part 1 Section 10.8.9, presentation:animation-group**

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

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

#### **2.1.268 Part 1 Section 10.9.2, presentation:event-listener**

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

This element is supported in 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.

#### **2.1.269 Part 1 Section 10.9.3.1, presentation:header**

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

This element is supported in 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.

#### **2.1.270 Part 1 Section 10.9.3.2, presentation:header-decl**

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

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

PowerPoint loads headers declared using this attribute, but saves them as textboxes with regular text.

#### **2.1.271 Part 1 Section 10.9.3.3, presentation:footer**

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

This element is supported in 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.

#### **2.1.272 Part 1 Section 10.9.3.4, presentation:footer-decl**

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

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

PowerPoint loads footers declared using this attribute, but saves them as textboxes with regular text.

#### **2.1.273 Part 1 Section 10.9.3.5, presentation:date-time**

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

This element is supported in 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.

#### **2.1.274 Part 1 Section 10.9.3.6, presentation:date-time-decl**

- a. *The standard defines the element <presentation:date-time-decl>*

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

PowerPoint loads dates/times declared using this attribute, but saves them as textboxes with regular text.

#### **2.1.275 Part 1 Section 11.2.2, chart:subtitle**

- a. *The standard defines the element <chart:subtitle>, contained within the parent element <chart:chart>*

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

#### **2.1.276 Part 1 Section 11.2.3, chart:footer**

- a. *The standard defines the element <chart:footer>, contained within the parent element <chart:chart>*

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

#### **2.1.277 Part 1 Section 11.8, chart:axis**

- a. *The standard defines the element <chart:axis>, contained within the parent element <chart:plot-area>*

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

Excel requires two (2) <chart:axis> elements on load.

### **2.1.278 Part 1 Section 11.15, chart:mean-value**

- a. *The standard defines the attribute chart:mean-value*

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

- b. *The standard defines the element <chart:mean-value>*

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

- c. *The standard defines the element <chart:mean-value>, contained within the parent element <chart:series>*

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

### **2.1.279 Part 1 Section 11.16, chart:error-indicator**

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

This element is supported in 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.

### **2.1.280 Part 1 Section 11.17, chart:regression-curve**

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

This element is supported in 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.

### **2.1.281 Part 1 Section 11.19, chart:stock-gain-marker**

- a. *The standard defines the element <chart:stock-gain-marker>*

This element is supported in 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.

### **2.1.282 Part 1 Section 11.20, chart:stock-loss-marker**

- a. *The standard defines the element <chart:stock-loss-marker>*

This element is supported in 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.

### **2.1.283 Part 1 Section 11.21, chart:stock-range-line**

- a. *The standard defines the element <chart:stock-range-line>*

This element is supported in 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.

#### **2.1.284 Part 1 Section 13.2, office:forms**

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

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

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

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

- c. *The standard defines the element <office:forms>, contained within the parent element <table:dde-link>*

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

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

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

#### **2.1.285 Part 1 Section 13.3, form:form**

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

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

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

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

#### **2.1.286 Part 1 Section 13.4, xforms:model**

- a. *The standard defines the element <xforms:model>*

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

- b. *The standard defines the element <xforms:model>*

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

#### **2.1.287 Part 1 Section 13.5.2, form:text**

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

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

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

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

#### **2.1.288 Part 1 Section 13.5.3, form:textarea**

- a. *The standard defines the element <form:textarea>*

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

- b. *The standard defines the element <form:textarea>*

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

#### **2.1.289 Part 1 Section 13.5.4, form:password**

- a. *The standard defines the element <form:password>*

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

- b. *The standard defines the element <form:password>*

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

#### **2.1.290 Part 1 Section 13.5.5, form:file**

- a. *The standard defines the element <form:file>*

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

- b. *The standard defines the element <form:file>*

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

#### **2.1.291 Part 1 Section 13.5.6, form:formatted-text**

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

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

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

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

#### **2.1.292 Part 1 Section 13.5.7, form:number**

- a. *The standard defines the element <form:number>*

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

- b. *The standard defines the element <form:number>*

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

#### **2.1.293 Part 1 Section 13.5.8, form:date**

- a. *The standard defines the element <form:date>*

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

- b. *The standard defines the element <form:date>*

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

#### **2.1.294 Part 1 Section 13.5.9, form:time**

- a. *The standard defines the element <form:time>*

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

### **2.1.295 Part 1 Section 13.5.10, form:fixed-text**

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

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

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

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

### **2.1.296 Part 1 Section 13.5.11, form:combobox**

- a. *The standard defines the element <form:combobox>*

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

- b. *The standard defines the element <form:combobox>*

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

### **2.1.297 Part 1 Section 13.5.12, form:item**

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

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

### **2.1.298 Part 1 Section 13.5.13, form:listbox**

- a. *The standard defines the element <form:listbox>*

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

- b. *The standard defines the element <form:listbox>*

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

### **2.1.299 Part 1 Section 13.5.14, form:option**

- a. *The standard defines the element <form:option>, contained within the parent element <form:listbox>*

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

### **2.1.300 Part 1 Section 13.5.15, form:button**

- a. *The standard defines the element <form:button>*

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

- b. *The standard defines the element <form:button>*

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

### **2.1.301 Part 1 Section 13.5.16, form:image**

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



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

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

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

#### **2.1.302 Part 1 Section 13.5.17, form:checkbox**

- a. *The standard defines the element <form:checkbox>*

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

- b. *The standard defines the element <form:checkbox>*

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

#### **2.1.303 Part 1 Section 13.5.18, form:radio**

- a. *The standard defines the element <form:radio>*

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

- b. *The standard defines the element <form:radio>*

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

#### **2.1.304 Part 1 Section 13.5.19, form:frame**

- a. *The standard defines the element <form:frame>*

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

- b. *The standard defines the element <form:frame>*

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

#### **2.1.305 Part 1 Section 13.5.20, form:image-frame**

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

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

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

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

#### **2.1.306 Part 1 Section 13.5.21, form:hidden**

- a. *The standard defines the element <form:hidden>*

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

- b. *The standard defines the element <form:hidden>*

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

### **2.1.307 Part 1 Section 13.5.22, form:grid**

- a. *The standard defines the element <form:grid>*

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

- b. *The standard defines the element <form:grid>*

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

### **2.1.308 Part 1 Section 13.5.23, form:column**

- a. *The standard defines the element <form:column>, contained within the parent element <form:grid>*

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

### **2.1.309 Part 1 Section 13.5.24, form:value-range**

- a. *The standard defines the element <form:value-range>*

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

- b. *The standard defines the element <form:value-range>*

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

### **2.1.310 Part 1 Section 13.5.25, form:generic-control**

- a. *The standard defines the element <form:generic-control>*

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

- b. *The standard defines the element <form:generic-control>*

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

### **2.1.311 Part 1 Section 13.7, form:properties**

- a. *The standard defines the element <form:properties>*

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

- b. *The standard defines the element <form:properties>*

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

### **2.1.312 Part 1 Section 13.8, form:property**

- a. *The standard defines the element <form:property>*

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

- b. *The standard defines the element <form:property>*

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

### **2.1.313 Part 1 Section 13.9, form:list-property**

- a. *The standard defines the element <form:list-property>*

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

- b. *The standard defines the element <form:list-property>*

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

### **2.1.314 Part 1 Section 13.10, form:list-value**

- a. *The standard defines the attribute form:list-value*

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

### **2.1.315 Part 1 Section 14.1, office:annotation**

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

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

On load, annotations are dropped from headers, footers, footnotes, endnotes, and textboxes.

On save, annotations are dropped from equations.

The xml:id attribute for this element is not supported in Word 2013, Word 2016, or Word 2019.

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

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

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

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

### **2.1.316 Part 1 Section 14.2, office:annotation-end**

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

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

On load, annotations are dropped from headers, footers, footnotes, endnotes, and textboxes.

On save, annotations are dropped from equations.

### **2.1.317 Part 1 Section 14.3, meta:date-string**

- a. *The standard defines the element <meta:date-string>, contained within the parent element <office:annotation>*

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

- b. *The standard defines the element <meta:date-string>*

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

### **2.1.318 Part 1 Section 14.4.2, script:event-listener**

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

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

- b. *The standard defines the element <script:event-listener>*

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

### **2.1.319 Part 1 Section 14.5, math:math**

- a. *The standard defines the attribute display, contained within the element <math>*

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

12. On load, alignment of text around formula objects may be lost.  
13. On load, the MathML namespace qualifier must be present for math elements, and may be present for attributes.  
14. On save, only bold and italics text properties are supported.  
15. On save, Word equations that contain images are lost, and their images are also lost.  
16. On save, if a Word equation contains OLE objects, the Word equation and the OLE objects it contains are lost.  
17. 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 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 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 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 element <math:math>, contained within the parent element <draw:object>*

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

- f. *The standard defines the attribute `display`, contained within the element `<math>`*

This attribute is supported in 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.

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

This element is supported in 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.

### **2.1.320 Part 1 Section 14.5 (MathML 2.0 Section 3.2.3), Identifier (`mi`)**

- a. *The standard defines the element `<mi>`*

This element is supported in MathML in Word 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

- b. *The standard defines the attribute `class`, contained within the element `<mi>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

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

On load, Word reads the fontstyle attribute in an <mi> element. On save, 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 Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontweight attribute in an <mi> element. On save, 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

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

On load, Word reads the mathvariant attribute in an <mi> element.

On save, 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 Word 2013, Word 2016, and Word 2019.

On load, Word reads the mathvariant attribute in an <mi> element.

On save, 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 2013, Word 2016, or Word 2019.

- o. *The standard defines the attribute style, contained within the element <mi>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- p. *The standard defines the attribute xref, contained within the element <mi>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- q. *The standard defines the element <mi>*

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

- r. *The standard defines the attribute class, contained within the element <mi>*

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

- s. *The standard defines the attribute color, contained within the element <mi>*

This attribute is supported in 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.

- t. *The standard defines the attribute fontfamily, contained within the element <mi>*

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

- u. *The standard defines the attribute fontsize, contained within the element <mi>*

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

- v. *The standard defines the attribute fontstyle, contained within the element <mi>*

This attribute is supported in 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.

- w. *The standard defines the attribute fontweight, contained within the element <mi>*

This attribute is supported in 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.

- x. *The standard defines the attribute id, contained within the element <mi>*

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

- y. *The standard defines the attribute mathbackground, contained within the element <mi>*

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

- z. *The standard defines the attribute mathcolor, contained within the element <mi>*

This attribute is supported in 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.

- aa. *The standard defines the attribute mathsize, contained within the element <mi>*

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

- bb. *The standard defines the attribute mathvariant, contained within the element <mi>*

This attribute is supported in 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.

- cc. *The standard defines the property "(everything else)", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in 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)'.

- dd. *The standard defines the attribute style, contained within the element <mi>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- ee. *The standard defines the attribute xref, contained within the element <mi>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- ff. *The standard defines the element <mi>*

This element is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- gg. *The standard defines the attribute class, contained within the element <mi>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- hh. *The standard defines the attribute color, contained within the element <mi>*

This attribute is supported in 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.

- ii. *The standard defines the attribute fontfamily, contained within the element <mi>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- jj. *The standard defines the attribute fontsize, contained within the element <mi>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- kk. *The standard defines the attribute fontstyle, contained within the element <mi>*

This attribute is supported in 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.

ll. *The standard defines the attribute fontweight, contained within the element <mi>*

This attribute is supported in 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.

mm. *The standard defines the attribute id, contained within the element <mi>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

nn. *The standard defines the attribute mathbackground, contained within the element <mi>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *The standard defines the attribute mathcolor, contained within the element <mi>*

This attribute is supported in 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.

pp. *The standard defines the attribute mathsize, contained within the element <mi>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

qq. *The standard defines the attribute mathvariant, contained within the element <mi>*

This attribute is supported in 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.

rr. *The standard defines the property "(everything else)", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in PowerPoint 2013 and PowerPoint 2016.

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)'.

ss. *The standard defines the property "normal", contained within the attribute mathvariant, contained within the element <mi>*

This property is supported in PowerPoint 2013 and PowerPoint 2016.

tt. *The standard defines the attribute style, contained within the element <mi>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

uu. *The standard defines the attribute xref, contained within the element <mi>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## 2.1.321 Part 1 Section 14.5 (MathML 2.0 Section 3.2.4), Number (mn)

- a. *The standard defines the element <mn>*

This element is supported in MathML in Word 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

- b. *The standard defines the attribute class, contained within the element <mn>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontstyle attribute in an <mn> element. On save, 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 Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontweight attribute in an <mn> element. On save, 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 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

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 "monospace", contained within the attribute `mathvariant`, contained within the element `<mn>`*

This property is not supported in Word 2013, Word 2016, or Word 2019.

- n. *The standard defines the attribute `style`, contained within the element `<mn>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- o. *The standard defines the attribute `xref`, contained within the element `<mn>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- p. *The standard defines the element `<mn>`*

This element is supported in Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the attribute `class`, contained within the element `<mn>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the attribute `color`, contained within the element `<mn>`*

This attribute is supported in 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.

- s. *The standard defines the attribute `fontfamily`, contained within the element `<mn>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the attribute `fontsize`, contained within the element `<mn>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the attribute `fontstyle`, contained within the element `<mn>`*

This attribute is supported in 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.

- v. *The standard defines the attribute `fontweight`, contained within the element `<mn>`*

This attribute is supported in 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.

- w. *The standard defines the attribute `id`, contained within the element `<mn>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- x. *The standard defines the attribute `mathbackground`, contained within the element `<mn>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the attribute `mathcolor`, contained within the element `<mn>`*

This attribute is supported in 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.

- z. *The standard defines the attribute `mathsize`, contained within the element `<mn>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- aa. *The standard defines the attribute `mathvariant`, contained within the element `<mn>`*

This attribute is supported in 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.

- bb. *The standard defines the attribute `style`, contained within the element `<mn>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- cc. *The standard defines the attribute `xref`, contained within the element `<mn>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- dd. *The standard defines the element `<mn>`*

This element is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- ee. *The standard defines the attribute `class`, contained within the element `<mn>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ff. *The standard defines the attribute color, contained within the element <mn>*

This attribute is supported in 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.

gg. *The standard defines the attribute fontfamily, contained within the element <mn>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

hh. *The standard defines the attribute fontsize, contained within the element <mn>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ii. *The standard defines the attribute fontstyle, contained within the element <mn>*

This attribute is supported in 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.

jj. *The standard defines the attribute fontweight, contained within the element <mn>*

This attribute is supported in 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.

kk. *The standard defines the attribute id, contained within the element <mn>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ll. *The standard defines the attribute mathbackground, contained within the element <mn>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

mm. *The standard defines the attribute mathcolor, contained within the element <mn>*

This attribute is supported in 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.

nn. *The standard defines the attribute mathsize, contained within the element <mn>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *The standard defines the attribute mathvariant, contained within the element <mn>*

This attribute is supported in 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.

pp. *The standard defines the attribute style, contained within the element <mn>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

qq. *The standard defines the attribute xref, contained within the element <mn>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.322 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

b. *The standard defines the attribute accent, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 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 2013 and OfficeArt Math in Word 2016.

- f. *The standard defines the attribute fontfamily, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontstyle attribute in an `<mo>` element. On save, 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 Word 2013, Word 2016, and Word 2019.

On load, Word reads the fontweight attribute in an `<mo>` element. On save, 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

- k. *The standard defines the attribute id, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 Word 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute lspace, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 Word 2013, Word 2016, and Word 2019.

On load, Word reads the mathvariant attribute in an <mo> element.

On save, 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 "monospace", contained within the attribute mathvariant, contained within the element <mo>*

This property is supported in Word 2013, Word 2016, and Word 2019.

On load, Word ignores the mathvariant attribute when it has a value of "monospace".

- s. *The standard defines the attribute maxsize, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- t. *The standard defines the attribute minsize, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- u. *The standard defines the attribute movablelimits, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- v. *The standard defines the attribute rspace, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- w. *The standard defines the attribute separator, contained within the element <mo>*

This attribute is not supported in 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 2013 or OfficeArt Math in Word 2016.

- x. *The standard defines the attribute stretchy, contained within the element <mo>*



This attribute is supported in MathML in Word 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

- y. *The standard defines the attribute style, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- z. *The standard defines the attribute symmetric, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- aa. *The standard defines the attribute xref, contained within the element <mo>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- bb. *The standard defines the element <mo>*

This element is supported in Excel 2013, Excel 2016, and Excel 2019.

- cc. *The standard defines the attribute accent, contained within the element <mo>*

This attribute is supported in 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.

- dd. *The standard defines the attribute class, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- ee. *The standard defines the attribute color, contained within the element <mo>*

This attribute is supported in 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.

- ff. *The standard defines the attribute fence, contained within the element <mo>*  
This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.
- gg. *The standard defines the attribute fontfamily, contained within the element <mo>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- hh. *The standard defines the attribute fontsize, contained within the element <mo>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- ii. *The standard defines the attribute fontstyle, contained within the element <mo>*  
This attribute is supported in 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.
- jj. *The standard defines the attribute fontweight, contained within the element <mo>*  
This attribute is supported in 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.
- kk. *The standard defines the attribute form, contained within the element <mo>*  
This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.
- ll. *The standard defines the attribute id, contained within the element <mo>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- mm. *The standard defines the attribute lspace, contained within the element <mo>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- nn. *The standard defines the attribute mathbackground, contained within the element <mo>*  
This attribute is supported in 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.
- oo. *The standard defines the attribute mathcolor, contained within the element <mo>*  
This attribute is supported in 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.
- pp. *The standard defines the attribute mathsize, contained within the element <mo>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- qq. *The standard defines the attribute mathvariant, contained within the element <mo>*  
This attribute is supported in 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.

rr. *The standard defines the attribute maxsize, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

ss. *The standard defines the attribute minsize, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

tt. *The standard defines the attribute movablelimits, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

uu. *The standard defines the attribute rspace, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

vv. *The standard defines the attribute separator, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

ww. *The standard defines the attribute stretchy, contained within the element <mo>*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

xx. *The standard defines the attribute style, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

yy. *The standard defines the attribute symmetric, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

zz. *The standard defines the attribute xref, contained within the element <mo>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

aaa. *The standard defines the element <mo>*

This element is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

bbb. *The standard defines the attribute accent, contained within the element <mo>*

This attribute is supported in 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.

ccc. *The standard defines the attribute class, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ddd. *The standard defines the attribute color, contained within the element <mo>*

This attribute is supported in 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.

eee. *The standard defines the attribute fence, contained within the element <mo>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

fff. *The standard defines the attribute fontfamily, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ggg. *The standard defines the attribute fontsize, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

hhh. *The standard defines the attribute fontstyle, contained within the element <mo>*

This attribute is supported in 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.

iii. *The standard defines the attribute fontweight, contained within the element <mo>*

This attribute is supported in 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.

jjj. *The standard defines the attribute form, contained within the element <mo>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

kkk. *The standard defines the attribute id, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

lll. *The standard defines the attribute lspace, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

mmm. *The standard defines the attribute mathbackground, contained within the element <mo>*

This attribute is supported in 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.

nnn. *The standard defines the attribute mathcolor, contained within the element <mo>*

This attribute is supported in 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.

ooo. *The standard defines the attribute mathsize, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ppp. *The standard defines the attribute mathvariant, contained within the element <mo>*

This attribute is supported in 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.

qqq. *The standard defines the attribute maxsize, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

rrr. *The standard defines the attribute minsize, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

sss. *The standard defines the attribute movablelimits, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ttt. *The standard defines the attribute rspace, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

uuu. *The standard defines the attribute separator, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

vvv. *The standard defines the attribute stretchy, contained within the element <mo>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

www. *The standard defines the attribute style, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

xxx. *The standard defines the attribute symmetric, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

yyy. *The standard defines the attribute xref, contained within the element <mo>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.323 Part 1 Section 14.5 (MathML 2.0 Section 3.2.6), Text (mtext)**

a. *The standard defines the element <mtext>*

This element is supported in Word 2013, Word 2016, and Word 2019.

b. *The standard defines the attribute class, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in **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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 Word 2013, Word 2016, and Word 2019.
- On load, Word reads the `fontstyle` attribute in an `<mtext>` element. On save, 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 Word 2013, Word 2016, and Word 2019.
- On load, Word reads the `fontweight` attribute in an `<mtext>` element. On save, 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.
- 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 2013 or MathML in Word 2016.
- This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.
- 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 Word 2013, Word 2016, and Word 2019.
- On load, Word reads the `mathvariant` attribute in an `<mtext>` element.
- On save, 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 `"monospace"`, contained within the attribute `mathvariant`, contained within the element `<mtext>`*

This property is supported in Word 2013, Word 2016, and Word 2019.

On load, Word ignores the mathvariant attribute if the value is "monospace".

- n. *The standard defines the attribute style, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- o. *The standard defines the attribute xref, contained within the element <mtext>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- p. *The standard defines the element <mtext>*

This element is supported in Excel 2013, Excel 2016, and Excel 2019.

- q. *The standard defines the attribute class, contained within the element <mtext>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- r. *The standard defines the attribute color, contained within the element <mtext>*

This attribute is supported in 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.

- s. *The standard defines the attribute fontfamily, contained within the element <mtext>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the attribute fontsize, contained within the element <mtext>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the attribute fontstyle, contained within the element <mtext>*

This attribute is supported in 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.

- v. *The standard defines the attribute fontweight, contained within the element <mtext>*

This attribute is supported in 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.

- w. *The standard defines the attribute id, contained within the element <mtext>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- x. *The standard defines the attribute mathbackground, contained within the element <mtext>*

This attribute is supported in 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.

- y. *The standard defines the attribute `mathcolor`, contained within the element `<mtext>`*  
This attribute is supported in 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.
- z. *The standard defines the attribute `mathsize`, contained within the element `<mtext>`*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- aa. *The standard defines the attribute `mathvariant`, contained within the element `<mtext>`*  
This attribute is supported in 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.
- bb. *The standard defines the attribute `style`, contained within the element `<mtext>`*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- cc. *The standard defines the attribute `xref`, contained within the element `<mtext>`*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- dd. *The standard defines the element `<mtext>`*  
This element is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.
- ee. *The standard defines the attribute `class`, contained within the element `<mtext>`*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ff. *The standard defines the attribute `color`, contained within the element `<mtext>`*  
This attribute is supported in 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.
- gg. *The standard defines the attribute `fontfamily`, contained within the element `<mtext>`*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- hh. *The standard defines the attribute `fontsize`, contained within the element `<mtext>`*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ii. *The standard defines the attribute `fontstyle`, contained within the element `<mtext>`*  
This attribute is supported in 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.
- jj. *The standard defines the attribute `fontweight`, contained within the element `<mtext>`*  
This attribute is supported in 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.

kk. *The standard defines the attribute id, contained within the element <mtext>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ll. *The standard defines the attribute mathbackground, contained within the element <mtext>*

This attribute is supported in 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.

mm. *The standard defines the attribute mathcolor, contained within the element <mtext>*

This attribute is supported in 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.

nn. *The standard defines the attribute mathsize, contained within the element <mtext>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *The standard defines the attribute mathvariant, contained within the element <mtext>*

This attribute is supported in 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.

pp. *The standard defines the attribute style, contained within the element <mtext>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

qq. *The standard defines the attribute xref, contained within the element <mtext>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.324 Part 1 Section 14.5 (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 2013 or MathML in Word 2016.

This element is supported in **OfficeArt Math** in Word 2013 and OfficeArt Math in Word 2016.

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 2013, Word 2016, or Word 2019.

c. *The standard defines the attribute depth, contained within the element <mspace>*

This attribute is supported in 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 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 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute linebreak, contained within the element <mspace>*

This attribute is supported in 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 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 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute width, contained within the element <mspace>*

This attribute is supported in 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 2013, Word 2016, or Word 2019.

- k. *The standard defines the element <mspace>*

This element is supported in 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 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute depth, contained within the element <mspace>*

This attribute is supported in 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 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 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the attribute linebreak, contained within the element <mspace>*

This attribute is supported in 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 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 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute width, contained within the element <mspace>*

This attribute is supported in 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 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the element <mspace>*

This element is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the attribute depth, contained within the element <mspace>*

This attribute is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the attribute linebreak, contained within the element `<mspace>`*

This attribute is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the attribute width, contained within the element `<mspace>`*

This attribute is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.325 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

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 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute color, contained within the element <ms>*

This attribute is supported in 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 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 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute fontstyle, contained within the element <ms>*

This attribute is supported in 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 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 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute lquote, contained within the element <ms>*

This attribute is supported in 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 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 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 2013, Word 2016, or Word 2019.

- m. *The standard defines the attribute mathvariant, contained within the element <ms>*

This attribute is supported in 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 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 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 2013, Word 2016, or Word 2019.

- q. *The standard defines the element <ms>*

This element is supported in 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 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute color, contained within the element <ms>*

This attribute is supported in 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 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 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the attribute fontstyle, contained within the element <ms>*

This attribute is supported in 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 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 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the attribute lquote, contained within the element <ms>*

This attribute is supported in 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 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 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 2013, Excel 2016, or Excel 2019.

- cc. *The standard defines the attribute mathvariant, contained within the element <ms>*

This attribute is supported in 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 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 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 2013, Excel 2016, or Excel 2019.

- gg. *The standard defines the element <ms>*

This element is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

ii. *The standard defines the attribute color, contained within the element <ms>*

This attribute is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

ll. *The standard defines the attribute fontstyle, contained within the element <ms>*

This attribute is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *The standard defines the attribute lquote, contained within the element <ms>*

This attribute is supported in 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

ss. *The standard defines the attribute mathvariant, contained within the element <ms>*

This attribute is supported in 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.326 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

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 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 2013, Word 2016, or Word 2019.

d. *The standard defines the attribute color, contained within the element <mglyph>*

This attribute is supported in 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 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 2013, Word 2016, or Word 2019.

- g. *The standard defines the attribute fontstyle, contained within the element <mglyph>*

This attribute is supported in 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 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 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 2013, Word 2016, or Word 2019.

- k. *The standard defines the attribute mathbackground, contained within the element <mglyph>*

This attribute is supported in 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 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 2013, Word 2016, or Word 2019.

- n. *The standard defines the attribute style, contained within the element <mglyph>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- o. *The standard defines the attribute xref, contained within the element <mglyph>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- p. *The standard defines the element <mglyph>*

This element is supported in 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.

- q. *The standard defines the attribute alt, contained within the element <mglyph>*

This attribute is supported in 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.

- r. *The standard defines the attribute class, contained within the element <mglyph>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute color, contained within the element <mglyph>*

This attribute is supported in 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.

- t. *The standard defines the attribute fontfamily, contained within the element <mglyph>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the attribute fontsize, contained within the element <mglyph>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the attribute fontstyle, contained within the element <mglyph>*

This attribute is supported in 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.

- w. *The standard defines the attribute fontweight, contained within the element <mglyph>*

This attribute is supported in 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.

- x. *The standard defines the attribute id, contained within the element <mglyph>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the attribute index, contained within the element <mglyph>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- z. *The standard defines the attribute mathbackground, contained within the element <mglyph>*

This attribute is supported in 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.

- aa. *The standard defines the attribute `mathcolor`, contained within the element `<mglyph>`*  
This attribute is supported in 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.
- bb. *The standard defines the attribute `mathsize`, contained within the element `<mglyph>`*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- cc. *The standard defines the attribute `mathvariant`, contained within the element `<mglyph>`*  
This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.
- dd. *The standard defines the attribute `style`, contained within the element `<mglyph>`*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- ee. *The standard defines the attribute `xref`, contained within the element `<mglyph>`*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- ff. *The standard defines the element `<mglyph>`*  
This element is supported in 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.
- gg. *The standard defines the attribute `alt`, contained within the element `<mglyph>`*  
This attribute is supported in 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.
- hh. *The standard defines the attribute `class`, contained within the element `<mglyph>`*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ii. *The standard defines the attribute `color`, contained within the element `<mglyph>`*  
This attribute is supported in 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.
- jj. *The standard defines the attribute `fontfamily`, contained within the element `<mglyph>`*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- kk. *The standard defines the attribute `fontsize`, contained within the element `<mglyph>`*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ll. *The standard defines the attribute `fontstyle`, contained within the element `<mglyph>`*  
This attribute is supported in 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.

mm. *The standard defines the attribute fontweight, contained within the element <mglyph>*

This attribute is supported in 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.

nn. *The standard defines the attribute id, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *The standard defines the attribute index, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

pp. *The standard defines the attribute mathbackground, contained within the element <mglyph>*

This attribute is supported in 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.

qq. *The standard defines the attribute mathcolor, contained within the element <mglyph>*

This attribute is supported in 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.

rr. *The standard defines the attribute mathsize, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

ss. *The standard defines the attribute style, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

tt. *The standard defines the attribute xref, contained within the element <mglyph>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.327 Part 1 Section 14.5 (MathML 2.0 Section 3.2.9.2), Accessing glyphs for characters from MathML (mglyph)**

a. *The standard defines the attribute fontfamily, contained within the element <mglyph>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

b. *The standard defines the attribute index, contained within the element <mglyph>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.328 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

- b. *The standard defines the attribute class, contained within the element <mrow>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the element <mrow>*

This element is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the element <mrow>*

This element is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.329 Part 1 Section 14.5 (MathML 2.0 Section 3.3.2), Fractions (mfrac)**

- a. *The standard defines the element <mfrac>*

This element is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute bevelled, contained within the element <mfrac>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute class, contained within the element <mfrac>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in **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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 and MathML in Word 2016.

18. Fraction bars in MathML in Word are either displayed or not displayed.

19. 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 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the element <mfrac>*

This element is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute linethickness, contained within the element <mfrac>*

This attribute is supported in 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 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 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 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the element <mfrac>*

This element is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- x. *The standard defines the attribute `linethickness`, contained within the element `<mfrac>`*

This attribute is supported in 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.330 Part 1 Section 14.5 (MathML 2.0 Section 3.3.3), Radicals (`msqrt`, `mroot`)**

- a. *The standard defines the element `<mroot>`*

This element is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `class`, contained within the element `<mroot>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in **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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the element `<msqrt>`*

This element is supported in Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute class, contained within the element <msqrt>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- k. *The standard defines the element <mroot>*

This element is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.

- p. *The standard defines the element <msqrt>*

This element is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the element <mroot>*

This element is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the element <msqrt>*

This element is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.331 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

MathML in Word supports only the scriptlevel attribute of the <mstyle> element.

This element is supported in **OfficeArt Math** in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.  
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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.  
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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 not supported in Word 2013, Word 2016, or Word 2019.
- j. *The standard defines the attribute scriptminsize, contained within the element <mstyle>*  
This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- t. *The standard defines the element `<mstyle>`*  
This element is supported in 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 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 2013, Excel 2016, or Excel 2019.
- w. *The standard defines the attribute `color`, contained within the element `<mstyle>`*  
This attribute is supported in 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 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 2013, Excel 2016, or Excel 2019.
- z. *The standard defines the attribute mathcolor, contained within the element <mstyle>*  
This attribute is supported in 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 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 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 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 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 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 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 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 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 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 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 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 2013, Excel 2016, or Excel 2019.

mm. *The standard defines the element <mstyle>*

This element is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

pp. *The standard defines the attribute color, contained within the element <mstyle>*

This attribute is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

ss. *The standard defines the attribute mathcolor, contained within the element <mstyle>*

This attribute is supported in 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 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 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 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 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 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 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 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.332 Part 1 Section 14.5 (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 2013 or MathML in Word 2016.

This element is supported in **OfficeArt Math** in Word 2013 and OfficeArt Math in Word 2016.

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 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 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 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 2013, Word 2016, or Word 2019.

f. *The standard defines the element `<merror>`*

This element is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.
- k. *The standard defines the element <merror>*  
This element is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.333 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.
- 20. 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.
- 21. On save, to make a phantom invisible with no smashing, MathML in Word uses an <mphantom> element only (not <mpadded>).
- 22. On save, to make a phantom invisible with smashing, MathML in Word uses an <mpadded> element nested inside an <mphantom> element.
- 23. 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").
- 24. 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).

25. 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.
26. 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 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- j. *The standard defines the element <mpadded>*

This element is supported in 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 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute depth, contained within the element <mpadded>*

This attribute is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the attribute width, contained within the element <mpadded>*

This attribute is supported in 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 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the element <mpadded>*

This element is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *The standard defines the attribute depth, contained within the element <mpadded>*

This attribute is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the attribute width, contained within the element <mpadded>*

This attribute is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.334 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

27. 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.
28. On save, to make a phantom invisible with no smashing, MathML in Word uses an <mphantom> element only (not <mpadded>).
29. On save, to make a phantom invisible with smashing, MathML in Word uses an <mpadded> element nested inside an <mphantom> element.
30. 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").
31. 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.
32. 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.
33. 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 2013 and OfficeArt Math in Word 2016.

- b. *The standard defines the attribute class, contained within the element <mphantom>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the element <mphantom>*

This element is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the element <mphantom>*

This element is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.335 Part 1 Section 14.5 (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 Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute class, contained within the element <mfenced>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in **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 Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute id, contained within the element <mfenced>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute separators, contained within the element <mfenced>*

This attribute is supported in MathML in Word 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the element <mfenced>*

This element is supported in 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 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute close, contained within the element <mfenced>*

This attribute is supported in 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 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute open, contained within the element <mfenced>*

This attribute is supported in 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 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 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 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the element <mfenced>*

This element is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the attribute close, contained within the element <mfenced>*

This attribute is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *The standard defines the attribute open, contained within the element <mfenced>*

This attribute is supported in 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.336 Part 1 Section 14.5 (MathML 2.0 Section 3.3.9), Enclose Expression Inside Notation (menclose)**

- a. *The standard defines the element <menclose>*

This element is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute class, contained within the element <menclose>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.



This attribute is not supported in **OfficeArt Math** in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute `id`, contained within the element `<menclase>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute `notation`, contained within the element `<menclase>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the property "(everything else)", contained within the attribute `notation`, contained within the element `<menclase>`*

This property is supported in Word 2013, Word 2016, and Word 2019.

- 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 2013 or MathML in Word 2016.

This property is not supported in 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 2013 and MathML in Word 2016.

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 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 2013 or MathML in Word 2016.

This property is not supported in 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 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 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 2013 and MathML in Word 2016.

On load, MathML in Word converts the value "roundedbox" to the value "box".

This property is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- l. *The standard defines the attribute style, contained within the element <math><math>*
- This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.
- This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- m. *The standard defines the attribute xref, contained within the element <math><math>*
- This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.
- This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- n. *The standard defines the element <math><math>*
- This element is supported in Excel 2013, Excel 2016, and Excel 2019.
- o. *The standard defines the attribute class, contained within the element <math><math>*
- This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- p. *The standard defines the attribute id, contained within the element <math><math>*
- This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- q. *The standard defines the attribute notation, contained within the element <math><math>*
- This attribute is supported in 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><math>*
- This property is supported in Excel 2013, Excel 2016, and Excel 2019.
- s. *The standard defines the property "actuarial", contained within the attribute notation, contained within the element <math><math>*
- This property is not supported in Excel 2013, Excel 2016, or Excel 2019.
- t. *The standard defines the property "circle", contained within the attribute notation, contained within the element <math><math>*
- This property is not supported in Excel 2013, Excel 2016, or Excel 2019.
- u. *The standard defines the property "longdiv", contained within the attribute notation, contained within the element <math><math>*
- This property is not supported in Excel 2013, Excel 2016, or Excel 2019.
- v. *The standard defines the property "none", contained within the attribute notation, contained within the element <math><math>*
- This property is supported in 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><math>*
- This property is not supported in 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 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 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 2013, Excel 2016, or Excel 2019.

- aa. *The standard defines the element <menclase>*

This element is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *The standard defines the attribute notation, contained within the element <menclase>*

This attribute is supported in 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 2013 and PowerPoint 2016.

- ff. *The standard defines the property "actuarial", contained within the attribute notation, contained within the element <menclase>*

This property is not supported in 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 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 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 2013 and PowerPoint 2016.

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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.337 Part 1 Section 14.5 (MathML 2.0 Section 3.4.1), Subscript (msub)**

- a. *The standard defines the element <msub>*

This element is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute class, contained within the element <msub>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in **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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the element <msub>*

This element is supported in 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 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 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 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 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 2013, Excel 2016, or Excel 2019.
- m. *The standard defines the element <msub>*  
This element is supported in 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.338 Part 1 Section 14.5 (MathML 2.0 Section 3.4.2), Superscript (msup)**

- a. *The standard defines the element <msup>*  
This element is supported in Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the attribute class, contained within the element <msup>*  
This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.  
This attribute is not supported in **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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- g. *The standard defines the element <msup>*

This element is supported in 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 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 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 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 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 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the element <msup>*

This element is supported in 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### 2.1.339 Part 1 Section 14.5 (MathML 2.0 Section 3.4.3), Subscript-superscript Pair (msubsup)

- a. *The standard defines the element <msubsup>*  
This element is supported in Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the attribute class, contained within the element <msubsup>*  
This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.  
This attribute is not supported in **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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- h. *The standard defines the element <msubsup>*  
This element is supported in 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 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 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 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 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 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 2013, Excel 2016, or Excel 2019.
- o. *The standard defines the element <msubsup>*  
This element is supported in 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 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.340 Part 1 Section 14.5 (MathML 2.0 Section 3.4.4), Underscript (munder)**

- a. *The standard defines the element <munder>*

This element is supported in MathML in Word 2013 and MathML in Word 2016.

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:

34. 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
35. 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



36. 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

37. Otherwise, MathML in Word maps the <munder> element to the <limLow> element.

This element is supported in **OfficeArt Math** in Word 2013 and OfficeArt Math in Word 2016.

b. *The standard defines the attribute accentunder, contained within the element <munder>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

c. *The standard defines the attribute class, contained within the element <munder>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

g. *The standard defines the element <munder>*

This element is supported in 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 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 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 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 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 2013, Excel 2016, or Excel 2019.

m. *The standard defines the element <munder>*

This element is supported in 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.341 Part 1 Section 14.5 (MathML 2.0 Section 3.4.5), Overscript (mover)**

a. *The standard defines the element <mover>*

This element is supported in MathML in Word 2013 and MathML in Word 2016.

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:

38. 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

39. 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

40. 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

41. 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
42. Otherwise, MathML in Word maps a <mover> element to a <limUpp> element.
- This element is supported in **OfficeArt Math** in Word 2013 and OfficeArt Math in Word 2016.
- b. *The standard defines the attribute accent, contained within the element <mover>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
  - c. *The standard defines the attribute class, contained within the element <mover>*  
This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
  - g. *The standard defines the element <mover>*  
This element is supported in 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 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 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 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 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 2013, Excel 2016, or Excel 2019.
  - m. *The standard defines the element <mover>*  
This element is supported in 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.342 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

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.

43. 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>

44. 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 2013 and OfficeArt Math in Word 2016.

- b. *The standard defines the attribute accent, contained within the element <munderover>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

On load, Word reads the accent attribute in an <munderover> element.

On save, 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 Word 2013, Word 2016, and Word 2019.

On load, Word reads the accentunder attribute in an <munderover> element.

On save, 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- h. *The standard defines the element <munderover>*  
This element is supported in 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 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 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 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 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 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 2013, Excel 2016, or Excel 2019.
- o. *The standard defines the element <munderover>*  
This element is supported in 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 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.343 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the element <mmultiscripts>*

This element is supported in 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 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 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 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 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 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 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the element <mmultiscripts>*

This element is supported in 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 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.344 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

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 `<mtable>` element as an `<omml:m>` element.

This element is supported in **OfficeArt Math** in Word 2013 and OfficeArt Math in Word 2016.

- b. *The standard defines the attribute `align`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- c. *The standard defines the attribute `alignmentscope`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute `class`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- e. *The standard defines the attribute `columnalign`, contained within the element `<mtable>`*



This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- f. *The standard defines the attribute `columnlines`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

On load, OfficeArt Math in Word 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, OfficeArt Math in Word does not write the `columnlines` attribute in an `<mtable>` element.

- g. *The standard defines the attribute `columnspacing`, contained within the element `<mtable>`*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.
- 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.
- 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 2013 or MathML in Word 2016.
- This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- x. *The standard defines the element <mtable>*  
This element is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.
- cc. *The standard defines the attribute columncolspan, contained within the element <mtable>*  
This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads the columncolspan 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 columncolspan attribute in an <mtable> element.
- dd. *The standard defines the attribute columnspacing, contained within the element <mtable>*  
This attribute is not supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.
- ii. *The standard defines the attribute frame, contained within the element <mtable>*  
This attribute is supported in 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 2013, Excel 2016, or Excel 2019.
- kk. *The standard defines the attribute groupalign, contained within the element <mtable>*  
This attribute is supported in 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 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 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 2013, Excel 2016, or Excel 2019.
- oo. *The standard defines the attribute rowlines, contained within the element <mtable>*  
This attribute is supported in 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 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 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 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 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 2013, Excel 2016, or Excel 2019.
- uu. *The standard defines the element <mtable>*  
This element is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

zz. *The standard defines the attribute columlines, contained within the element <mtable>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint reads the columlines 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 columlines attribute in an <mtable> element.

aaa. *The standard defines the attribute columnspacing, contained within the element <mtable>*

This attribute is not supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

fff. *The standard defines the attribute frame, contained within the element <mtable>*

This attribute is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

hhh. *The standard defines the attribute groupalign, contained within the element <mtable>*

This attribute is supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

jjj. *The standard defines the attribute minlabelspacing, contained within the element <mtable>*

This attribute is not supported in 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 2013, PowerPoint 2016, or PowerPoint 2019.

lll. *The standard defines the attribute rowlines, contained within the element <mtable>*

This attribute is supported in 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.345 Part 1 Section 14.5 (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 Word 2013, Word 2016, and Word 2019.

b. *The standard defines the attribute class, contained within the element <mtr>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in **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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- i. *The standard defines the element <mtr>*

This element is supported in 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 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 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute groupalign, contained within the element <mtr>*

This attribute is supported in 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 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 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 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 2013, Excel 2016, or Excel 2019.

- q. *The standard defines the element <mtr>*

This element is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- t. *The standard defines the attribute groupalign, contained within the element <mtr>*

This attribute is supported in 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.346 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

On load, MathML in Word converts <mlabeledtr> elements into <mtr> elements.

This element is supported in **OfficeArt Math** in Word 2013 and OfficeArt Math in Word 2016.

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 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 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.

### **2.1.347 Part 1 Section 14.5 (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 Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute class, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in **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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- d. *The standard defines the attribute columnspan, contained within the element <mtd>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- k. *The standard defines the element <mtd>*

This element is supported in 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 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 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 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute groupalign, contained within the element <mtd>*

This attribute is supported in 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 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 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 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 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 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the element <mtd>*

This element is supported in 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *The standard defines the attribute groupalign, contained within the element <mtd>*

This attribute is supported in 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 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 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.348 Part 1 Section 14.5 (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 2013 and MathML in Word 2016.

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 2013 and OfficeArt Math in Word 2016.

- b. *The standard defines the attribute class, contained within the element <maligngroup>*

This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- g. *The standard defines the element `<malignmark>`*  
This element is supported in Word 2013, Word 2016, and Word 2019.  
On load, Word ignores the `<malignmark>` element when the element is not inside a table that Word interprets as an equation array.
- h. *The standard defines the attribute `class`, contained within the element `<malignmark>`*  
This attribute is not supported in MathML in Word 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.
- m. *The standard defines the element `<maligngroup>`*  
This element is supported in 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 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute groupalign, contained within the element <maligngroup>*

This attribute is supported in 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 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 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 2013, Excel 2016, or Excel 2019.

- s. *The standard defines the attribute class, contained within the element <malignmark>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the attribute edge, contained within the element <malignmark>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the attribute id, contained within the element <malignmark>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- v. *The standard defines the attribute style, contained within the element <malignmark>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- w. *The standard defines the attribute xref, contained within the element <malignmark>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- x. *The standard defines the element <maligngroup>*

This element is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- y. *The standard defines the attribute class, contained within the element <maligngroup>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the attribute groupalign, contained within the element <maligngroup>*

This attribute is supported in 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.

- aa. *The standard defines the attribute id, contained within the element <maligngroup>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *The standard defines the attribute style, contained within the element <maligngroup>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *The standard defines the attribute xref, contained within the element <maligngroup>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- dd. *The standard defines the attribute class, contained within the element <malignmark>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ee. *The standard defines the attribute edge, contained within the element <malignmark>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- ff. *The standard defines the attribute id, contained within the element <malignmark>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- gg. *The standard defines the attribute style, contained within the element <malignmark>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- hh. *The standard defines the attribute xref, contained within the element <malignmark>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.349 Part 1 Section 14.5 (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 2013 or MathML in Word 2016.  
This element is supported in **OfficeArt Math** in Word 2013 and OfficeArt Math in Word 2016.  
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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is not supported in 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 2013 or MathML in Word 2016.  
This attribute is supported in OfficeArt Math in Word 2013 and OfficeArt Math in Word 2016.

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 2013 or MathML in Word 2016.

This attribute is not supported in 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 2013 or MathML in Word 2016.

This attribute is not supported in OfficeArt Math in Word 2013 or OfficeArt Math in Word 2016.

- h. *The standard defines the element <maction>*

This element is supported in 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 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 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 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute selection, contained within the element <maction>*

This attribute is supported in 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 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 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the element <maction>*

This element is supported in 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

- s. *The standard defines the attribute selection, contained within the element <maction>*

This attribute is supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.350 Part 1 Section 14.6.2, text:dde-connection-decls**

- a. *The standard defines the element <text:dde-connection-decls>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <text:dde-connection-decls>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <text:dde-connection-decls>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.351 Part 1 Section 14.6.3, text:dde-connection-decl**

- a. *The standard defines the element <text:dde-connection-decl>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.352 Part 1 Section 14.6.5, office:dde-source**

- a. *The standard defines the element <office:dde-source>*

This element is not supported in Word 2013, Word 2016, or 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 <text:section-source-dde>, contained within the parent element <text:section>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <office:dde-source>*



This element is not supported in 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 element <office:dde-source>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

e. *The standard defines the element <office:dde-source>, contained within the parent element <table:table>*

### **2.1.353 Part 1 Section 15.2.3, anim:animateTransform**

a. *The standard defines the element <anim:animateTransform>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

### **2.1.354 Part 1 Section 15.2.6, anim:animateColor**

a. *The standard defines the element <anim:animateColor>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

### **2.1.355 Part 1 Section 15.5, anim:audio**

a. *The standard defines the element <anim:audio>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

### **2.1.356 Part 1 Section 15.6.1, anim:command**

a. *The standard defines the property "custom", contained within the attribute anim:command*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

b. *The standard defines the property "stop-audio", contained within the attribute anim:command*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.357 Part 1 Section 16.2, style:style**

a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <style:style>*

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>

- e. *The standard defines the element <anyAttListOrElements>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the element <anyElements>, contained within the parent element <anyAttListOrElements>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *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 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or Excel 2019.

- i. *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 2013, Excel 2016, or Excel 2019.

- j. *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 2013, Excel 2016, or Excel 2019.

- k. *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 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the element <style:style>*

This element is supported in 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>

- m. *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>

### **2.1.358 Part 1 Section 16.3, style:map**

- a. *The standard defines the element <style:map>*

This element is not supported in 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>, contained within the parent element <number:currency-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <style:map>, contained within the parent element <number:date-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <style:map>, contained within the parent element <number:number-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <style:map>, contained within the parent element <number:percentage-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <style:map>, contained within the parent element <number:time-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

45. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.

46. On save, Word does not write out time fields or time styles.

- g. *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

- h. *The standard defines the element <style:map>, contained within the parent element <number:boolean-style>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the element <style:map>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

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>

### 2.1.359 Part 1 Section 16.4, style:default-style

- a. *The standard defines the element <style:default-style>*

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 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

- c. *The standard defines the element <style:default-style>, contained within the parent element <office:styles>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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>

#### **2.1.360 Part 1 Section 16.6, style:header-style**

- a. *The standard defines the element <style:header-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

#### **2.1.361 Part 1 Section 16.7, style:footer-style**

- a. *The standard defines the element <style:footer-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

#### **2.1.362 Part 1 Section 16.8, style:default-page-layout**

- a. *The standard defines the element <style:default-page-layout>*

This element is supported in Word 2013, Word 2016, and Word 2019.

On load, Word reads in the properties specified by style:default-page-layout but stores them in multiple different levels (page or section).

#### **2.1.363 Part 1 Section 16.10, style:header**

- a. *The standard defines the element <style:header>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

#### **2.1.364 Part 1 Section 16.11, style:footer**

- a. *The standard defines the element <style:footer>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

#### **2.1.365 Part 1 Section 16.12, style:header-left**

- a. *The standard defines the element <style:header-left>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.



### **2.1.366 Part 1 Section 16.13, style:footer-left**

- a. *The standard defines the element <style:footer-left>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

### **2.1.367 Part 1 Section 16.14, style:region-left**

- a. *The standard defines the element <style:region-left>, contained within the parent element <style:footer>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <style:region-left>, contained within the parent element <style:footer-left>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <style:region-left>, contained within the parent element <style:footer-right>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <style:region-left>, contained within the parent element <style:header>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <style:region-left>, contained within the parent element <style:header-left>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <style:region-left>, contained within the parent element <style:header-right>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.368 Part 1 Section 16.15, style:region-center**

- a. *The standard defines the element <style:region-center>, contained within the parent element <style:footer>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <style:region-center>, contained within the parent element <style:footer-left>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <style:region-center>, contained within the parent element <style:footer-right>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <style:region-center>, contained within the parent element <style:header>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <style:region-center>, contained within the parent element <style:header-left>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <style:region-center>, contained within the parent element <style:header-right>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.369 Part 1 Section 16.16, style:region-right**

- a. *The standard defines the element <style:region-right>, contained within the parent element <style:footer>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <style:region-right>, contained within the parent element <style:footer-left>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <style:region-right>, contained within the parent element <style:footer-right>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <style:region-right>, contained within the parent element <style:header>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <style:region-right>, contained within the parent element <style:header-left>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <style:region-right>, contained within the parent element <style:header-right>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.370 Part 1 Section 16.17, presentation:notes**

- a. *The standard defines the element <presentation:notes>*

This element is supported in 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.

- b. *The standard defines the element <presentation:notes>, contained within the parent element <style:master-page>*

This element is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

47. 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.

48. If there are any <draw:object> child elements of the <presentation:notes> element for a master page, those elements will be lost.

### **2.1.371 Part 1 Section 16.18, table:table-template**

- a. *The standard defines the element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:table-template*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.372 Part 1 Section 16.19.2, table:first-row**

- a. *The standard defines the element <table:first-row>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.373 Part 1 Section 16.19.3, table:last-row**

- a. *The standard defines the element <table:last-row>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.374 Part 1 Section 16.19.4, table:first-column**

- a. *The standard defines the element <table:first-column>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.375 Part 1 Section 16.19.5, table:last-column**

- a. *The standard defines the element <table:last-column>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.376 Part 1 Section 16.19.6, table:body**

- a. *The standard defines the element <table:body>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.377 Part 1 Section 16.19.7, table:even-rows**

- a. *The standard defines the element <table:even-rows>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.378 Part 1 Section 16.19.8, table:odd-rows**

- a. *The standard defines the element <table:odd-rows>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.379 Part 1 Section 16.19.9, table:even-columns**

- a. *The standard defines the element <table:even-columns>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.380 Part 1 Section 16.19.10, table:odd-columns**

- a. *The standard defines the element <table:odd-columns>, contained within the parent element <table:table-template>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.381 Part 1 Section 16.20, table:background**

- a. *The standard defines the element <table:background>*

This element is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.382 Part 1 Section 16.21, style:font-face**

- 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. 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 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 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.

### **2.1.383 Part 1 Section 16.22, `svg:font-face-src`**

a. *The standard defines the element `<svg:font-face-src>`, contained within the parent element `<style:font-face>`*

This element is not supported in Word 2013, Word 2016, or Word 2019.

b. *The standard defines the element `<svg:font-face-src>`, contained within the parent element `<style:font-face>`*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.384 Part 1 Section 16.23, `svg:font-face-name`**

a. *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 2013, Word 2016, or Word 2019.

b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.385 Part 1 Section 16.24, `svg:font-face-uri`**

a. *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 2013, Word 2016, or Word 2019.

### **2.1.386 Part 1 Section 16.25, svg:definition-src**

- a. *The standard defines the element <svg:definition-src>, contained within the parent element <style:font-face>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <svg:definition-src>, contained within the parent element <style:font-face>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.387 Part 1 Section 16.26, svg:font-face-format**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.388 Part 1 Section 16.27.2, number:number-style**

- a. *The standard defines the element <number:number-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:name, contained within the element <number:number-style>*

- c. *The standard defines the element <number:number-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.389 Part 1 Section 16.27.3, number:number**

- a. *The standard defines the element <number:number>, contained within the parent element <number:currency-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <number:number>, contained within the parent element <number:number-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <number:number>, contained within the parent element <number:percentage-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.390 Part 1 Section 16.27.4, number:embedded-text**

- a. *The standard defines the element <number:embedded-text>, contained within the parent element <number:number>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

**2.1.391 Part 1 Section 16.27.5, number:scientific-number**

- a. *The standard defines the element <number:scientific-number>, contained within the parent element <number:number-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

**2.1.392 Part 1 Section 16.27.6, number:fraction**

- a. *The standard defines the element <number:fraction>, contained within the parent element <number:number-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

**2.1.393 Part 1 Section 16.27.7, number:currency-style**

- a. *The standard defines the element <number:currency-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:name, contained within the element <number:currency-style>*

- c. *The standard defines the element <number:currency-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

**2.1.394 Part 1 Section 16.27.8, number:currency-symbol**

- a. *The standard defines the element <number:currency-symbol>, contained within the parent element <number:currency-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

**2.1.395 Part 1 Section 16.27.9, number:percentage-style**

- a. *The standard defines the element <number:percentage-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:name, contained within the element <number:percentage-style>*

- c. *The standard defines the element <number:percentage-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

**2.1.396 Part 1 Section 16.27.14, number:era**

- a. *The standard defines the element <number:era>, contained within the parent element <number:date-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

### **2.1.397 Part 1 Section 16.27.16, number:week-of-year**

- a. *The standard defines the element <number:week-of-year>, contained within the parent element <number:date-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <number:week-of-year>, contained within the parent element <number:date-style>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <number:week-of-year>, contained within the parent element <number:date-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.398 Part 1 Section 16.27.17, number:quarter**

- a. *The standard defines the element <number:quarter>, contained within the parent element <number:date-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <number:quarter>, contained within the parent element <number:date-style>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the element <number:quarter>, contained within the parent element <number:date-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.399 Part 1 Section 16.27.18, number:time-style**

- a. *The standard defines the element <number:time-style>*

This element is supported in Word 2013, Word 2016, and Word 2019.

49. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.

50. On save, Word does not write out time fields or time styles.

- b. *The standard defines the attribute style:name, contained within the element <number:time-style>*

### **2.1.400 Part 1 Section 16.27.22, number:am-pm**

- a. *The standard defines the element <number:am-pm>, contained within the parent element <number:time-style>*

This element is supported in Word 2013, Word 2016, and Word 2019.

51. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.

52. On save, Word does not write out time fields or time styles.



#### **2.1.401 Part 1 Section 16.27.23, number:boolean-style**

- a. *The standard defines the element <number:boolean-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:name, contained within the element <number:boolean-style>*

- c. *The standard defines the element <number:boolean-style>*

This element is not supported in 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 <number:boolean-style>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.402 Part 1 Section 16.27.24, number:boolean**

- a. *The standard defines the element <number:boolean>, contained within the parent element <number:boolean-style>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.403 Part 1 Section 16.27.25, number:text-style**

- a. *The standard defines the element <number:text-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:name, contained within the element <number:text-style>*

#### **2.1.404 Part 1 Section 16.27.26, number:text**

- a. *The standard defines the element <number:text>, contained within the parent element <number:currency-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <number:text>, contained within the parent element <number:number-style>*

This element is not supported in 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 2013, Word 2016, or Word 2019.

- d. *The standard defines the element <number:text>, contained within the parent element <number:text-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the element <number:text>, contained within the parent element <number:time-style>*

This element is supported in Word 2013, Word 2016, and Word 2019.

- 53. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.
- 54. 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:boolean-style>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.405 Part 1 Section 16.27.27, number:text-content**

- a. *The standard defines the element <number:text-content>, contained within the parent element <number:text-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.406 Part 1 Section 16.27.28, style:text-properties**

- a. *The standard defines the element <style:text-properties>*

This element is not supported in Word 2013, Word 2016, or 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>, contained within the parent element <number:currency-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the element <style:text-properties>, contained within the parent element <number:date-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

Word applies text properties to this element via a <text:span> around the object.

- d. *The standard defines the element <style:text-properties>, contained within the parent element <number:number-style>*

This element is not supported in 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 2013, Word 2016, or Word 2019.

- f. *The standard defines the element <style:text-properties>, contained within the parent element <number:time-style>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- 55. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.

- 56. On save, Word does not write out time fields or time styles.

- g. *The standard defines the element <style:text-properties>*

This element is supported in 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.

This element is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses text styles for headers and footers.

This element is supported in 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

- h. *The standard defines the element <style:text-properties>, contained within the parent element <number:boolean-style>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the element <style:text-properties>, contained within the parent element <number:currency-style>*

This element is supported in 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.

- j. *The standard defines the element <style:text-properties>, contained within the parent element <number:date-style>*

This element is supported in 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.

- k. *The standard defines the element <style:text-properties>, contained within the parent element <number:number-style>*

This element is supported in 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.

- l. *The standard defines the element <style:text-properties>, contained within the parent element <number:percentage-style>*

This element is supported in 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.

- m. *The standard defines the element <style:text-properties>, contained within the parent element <number:text-style>*

This element is supported in 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.

- n. *The standard defines the element <style:text-properties>, contained within the parent element <number:time-style>*

This element is supported in 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.

- o. *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>.

## **2.1.407 Part 1 Section 16.29.1, text:linenumbering-configuration**

- a. *The standard defines the element <text:linenumbering-configuration>, contained within the parent element <office:styles>*

This element is supported in Word 2013, Word 2016, and Word 2019.

Word saves the line numbering configuration only if the following conditions are met:

57. All sections restart per page.
58. All sections start line numbering at 1.
59. All sections have the same distance between the line numbering and the text.
60. All sections have line numbering that increments by the same amount.

#### **2.1.408 Part 1 Section 16.29.2, text:linenumbering-separator**

- a. *The standard defines the element <text:linenumbering-separator>, contained within the parent element <text:linenumbering-configuration>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.409 Part 1 Section 16.29.3, text:notes-configuration**

- a. *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.

- b. *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>

- c. *The standard defines the element <text:notes-configuration>, contained within the parent element <style:section-properties>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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>

#### **2.1.410 Part 1 Section 16.29.4, text:note-continuation-notice-forward**

- a. *The standard defines the attribute text:note-continuation-notice-forward, contained within the element <text:notes-configuration>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.411 Part 1 Section 16.29.5, text:note-continuation-notice-backward**

- a. *The standard defines the attribute text:note-continuation-notice-backward, contained within the element <text:notes-configuration>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.412 Part 1 Section 16.29.6, text:bibliography-configuration**

- a. *The standard defines the element <text:bibliography-configuration>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.413 Part 1 Section 16.30, text:list-style**

- 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>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *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
- d. *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>.

#### **2.1.414 Part 1 Section 16.32, text:list-level-style-number**

- a. *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 "น , ญ , ณ , ...", 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 "น , ญ , ณ , ...", 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 "น , ญ , ณ , ...", 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".

- b. *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 "١ , ٢ , ٣ ,..." or style:num-format equals the value "١ ", then "buAutoNum" equals the value "arabic1Minus".

1.7) In all cases where style:num-format equals the value "١ , ٢ , ٣ ,..." , 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 "၇, ၈, ၉ ":

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 "၇, ၈, ၉, ...", 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".



### **2.1.415 Part 1 Section 16.34, text:outline-style**

- a. *The standard defines the attribute text:outline-style*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.416 Part 1 Section 16.40.1, draw: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 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>

- c. *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>

### **2.1.417 Part 1 Section 16.40.2, svg:linearGradient**

- 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: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>

- c. *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>

## 2.1.418 Part 1 Section 16.40.3, `svg:radialGradient`

- a. *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>`

- b. *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>`

- c. *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>`

## 2.1.419 Part 1 Section 16.40.5, draw: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>

## 2.1.420 Part 1 Section 16.40.6, draw: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 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>

- c. *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>

## 2.1.421 Part 1 Section 16.40.7, draw:opacity

- 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 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>

- c. *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>

- d. *The standard defines the attribute draw:opacity, contained within the element <style:background-image>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *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>`

- f. *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>`

- g. *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>`

### **2.1.422 Part 1 Section 16.40.8, draw: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 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".

- c. *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".

### **2.1.423 Part 1 Section 16.40.9, draw: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: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.

- c. *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>

- d. *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.

- e. *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>

- f. *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.

#### **2.1.424 Part 1 Section 16.41, style:presentation-page-layout**

- a. *The standard defines the attribute style:name, contained within the element <style:presentation-page-layout>*
- b. *The standard defines the element <style:presentation-page-layout>*

This element is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint ignores presentation page layouts. On save, PowerPoint writes out presentation page layouts.

## 2.1.425 Part 1 Section 16.42, presentation:placeholder

- a. *The standard defines the attribute presentation:placeholder*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint uses this attribute to describe placeholders that are empty. It is ignored on load.

## 2.1.426 Part 1 Section 17.2, style:page-layout-properties

- a. *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.

- b. *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

- c. *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>.

## 2.1.427 Part 1 Section 17.3, style: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 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 2013, Word 2016, or Word 2019.

- d. *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.

- e. *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.

- f. *The standard defines the element <style:background-image>*

This element is not supported in 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>

- g. *The standard defines the element <style:background-image>, contained within the parent element <style:header-footer-properties>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the element <style:background-image>, contained within the parent element <style:section-properties>*

This element is not supported in 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>

- i. *The standard defines the element <style:background-image>, contained within the parent element <style:table-properties>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- j. *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.

- k. *The standard defines the attribute style:background-image, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- l. *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>.

- m. *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>.
- n. *The standard defines the element <style:background-image>, contained within the parent element <Style:table-cell-properties>*
- o. *The standard defines the element <style:background-image>, contained within the parent element <Style:table-row-properties>*
- p. *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.

- q. *The standard defines the attribute style:background-image, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.428 Part 1 Section 17.4, style:footnote-sep**

- a. *The standard defines the element <style:footnote-sep>*
- This element is not supported in Excel 2013, Excel 2016, or Excel 2019.
- b. *The standard defines the attribute style:footnote-sep, contained within the element <style:page-layout-properties>*
- This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- c. *The standard defines the element <style:footnote-sep>, contained within the parent element <style:page-layout-properties>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

#### **2.1.429 Part 1 Section 17.5, style:header-footer-properties**

- a. *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.

- b. *The standard defines the element <style:header-footer-properties>*

This element is supported in 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.

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:header-footer-properties>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, PowerPoint 2019.

OfficeArt Math h 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>.

### 2.1.430 Part 1 Section 17.6, style:paragraph-properties

a. *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.

b. *The standard defines the element <style:paragraph-properties>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

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

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>.

### **2.1.431 Part 1 Section 17.7, style:tab-stops**

a. *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.

b. *The standard defines the element <style:tab-stops>*



This element is not supported in 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>

c. *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>.

### **2.1.432 Part 1 Section 17.8, style:tab-stop**

a. *The standard defines the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.433 Part 1 Section 17.9, style:drop-cap**

a. *The standard defines the element <style:drop-cap>*

**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:drop-cap>, contained within the parent element <style:paragraph-properties>*

This element is supported in 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.

c. *The standard defines the element <style:drop-cap>*

This element is not supported in 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 element <style:drop-cap>*

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>.

## **2.1.434 Part 1 Section 17.10, style:ruby-properties**

a. *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.

b. *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

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>.

## 2.1.435 Part 1 Section 17.11, style:section-properties

a. *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.

b. *The standard defines the element <style:section-properties>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

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

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>.

### 2.1.436 Part 1 Section 17.12, style:columns

- a. *The standard defines the element <style:columns>, contained within the parent element <style:graphic-properties>*

This element is not supported in 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: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 element <style:columns>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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

- e. *The standard defines the element <style:columns>, contained within the parent element <style:page-layout-properties>*

This element is not supported in 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 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>.

- h. *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>.

- i. *The standard defines the attribute style:columns, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### 2.1.437 Part 1 Section 17.13, style:column

- a. *The standard defines the element <style:column>, contained within the parent element <style:columns>*

**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:column>, contained within the parent element <style:columns>*

This element is not supported in 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: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>.

### 2.1.438 Part 1 Section 17.14, style:column-sep

- a. *The standard defines the element <style:column-sep>, contained within the parent element <style:columns>*

**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:column-sep>, contained within the parent element <style:columns>*

This element is not supported in 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: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>.

### **2.1.439 Part 1 Section 17.15, style:table-properties**

- a. *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.

- b. *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

c. *The standard defines the element <style:table-properties>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, 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>.

## 2.1.440 Part 1 Section 17.16, style:table-column-properties

a. *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.

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 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.

c. *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 2013, Excel 2016, or Excel 2019.

- d. *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

- e. *The standard defines the element <style:table-column-properties>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, 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>.

#### **2.1.441 Part 1 Section 17.17, style:table-row-properties**

- a. *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.

- 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 2013, Excel 2016, or Excel 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 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 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 2013, Excel 2016, or Excel 2019.

- e. *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 2013, Excel 2016, or Excel 2019.

- f. *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

- g. *The standard defines the element <style:table-row-properties>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, 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>.

#### 2.1.442 Part 1 Section 17.18, style:table-cell-properties

- a. *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.

- b. *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

- c. *The standard defines the element <style:table-cell-properties>*

This element is not supported in PowerPoint 2013, PowerPoint 2016, 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>.

### 2.1.443 Part 1 Section 17.19, style:list-level-properties

- a. *The standard defines the element <style:list-level-properties>*

**OfficeArt Math** in Word 2013 supports this element on save for text in SmartArt.

- 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 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.

- d. *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>

- e. *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.

- f. *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.

- g. *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>.

- h. *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>.

- i. *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>.

- j. *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>.

#### **2.1.444 Part 1 Section 17.21, style:graphic-properties**

- 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>

**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>*

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

c. *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>

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>.

#### **2.1.445 Part 1 Section 18.2, W3C Schema Datatypes**

a. *The standard defines the element <base64Binary>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

b. *The standard defines the element <IDREF>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the element <IDREFS>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

d. *The standard defines the element <formula>*

This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.446 Part 1 Section 18.3.2, anyIRI**

- a. *The standard defines the element <anyIRI>, contained within the parent element <xlink:href>*  
This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.447 Part 1 Section 18.3.16, language**

- a. *The standard defines the element <language>*  
This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.448 Part 1 Section 18.3.25, points**

- a. *The standard defines the element <points>*  
This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.449 Part 1 Section 18.3.27, relativeLength**

- a. *The standard defines the element <relativeLength>*  
This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.450 Part 1 Section 18.3.34, targetFrameName**

- a. *The standard defines the element <targetFrameName>*  
This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.451 Part 1 Section 18.3.39, variableName**

- a. *The standard defines the element <variableName>*  
This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.452 Part 1 Section 18.3.40, vector3D**

- a. *The standard defines the element <vector3D>*  
This element is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.453 Part 1 Section 19.4, anim:audio-level**

- a. *The standard defines the attribute anim:audio-level, contained within the element <anim:audio>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

**2.1.454 Part 1 Section 19.6, anim:formula**

- a. *The standard defines the attribute anim:formula*  
This attribute is supported in 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: "^", "?", "=", ">=", "<=", "!=", "!".

#### **2.1.455 Part 1 Section 19.7, anim:id**

- a. *The standard defines the attribute anim:id*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.456 Part 1 Section 19.11, anim:sub-item**

- a. *The standard defines the attribute anim:sub-item*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *The standard defines the property "background", contained within the attribute anim:sub-item*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the property "text", contained within the attribute anim:sub-item*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the property "whole", contained within the attribute anim:sub-item*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the attribute anim:sub-item, contained within the element <anim:iterate>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.457 Part 1 Section 19.15, chart:class**

- a. *The standard defines the property "gantt", contained within the attribute chart:class*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the property "minor", contained within the attribute chart:class*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

Excel saves the minor gridlines element on a category axis, but does not save it on a value axis.

- c. *The standard defines the property "stock", contained within the attribute chart:class*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

Stock charts can have three (3) or more series.

#### **2.1.458 Part 1 Section 19.16, chart:column-mapping**

- a. *The standard defines the attribute chart:column-mapping*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.459 Part 1 Section 19.17, chart:data-source-has-labels**

- a. *The standard defines the attribute chart:data-source-has-labels*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, this attribute is ignored. It is saved if the chart uses a local <table:table> element.

#### **2.1.460 Part 1 Section 19.22, chart:legend-align**

- a. *The standard defines the attribute chart:legend-align*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

On load, this attribute is ignored. On save, it takes on a value of "center" when a "chart:legend-position" attribute is saved.

#### **2.1.461 Part 1 Section 19.23, chart:legend-position**

- a. *The standard defines the property "bottom-end", contained within the attribute chart:legend-position*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the property "bottom-start", contained within the attribute chart:legend-position*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the property "top-end", contained within the attribute chart:legend-position*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the property "top-start", contained within the attribute chart:legend-position*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.462 Part 1 Section 19.26, chart:row-mapping**

- a. *The standard defines the attribute chart:row-mapping*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.463 Part 1 Section 19.37, db:catalog-name**

- a. *The standard defines the attribute office:date-value, contained within the element <table:table-cell>*

#### **2.1.464 Part 1 Section 19.68, db:max-row-count**

- a. *The standard defines the attribute table:number-matrix-rows-spanned, contained within the element <table:table-cell>*

#### **2.1.465 Part 1 Section 19.92, dr3d:ambient-color**

- a. *The standard defines the attribute dr3d:ambient-color, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute dr3d:ambient-color, contained within the parent element <chart:plot-area>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:ambient-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `dr3d:ambient-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.466 Part 1 Section 19.94, `dr3d:diffuse-color`**

- a. *The standard defines the attribute `dr3d:diffuse-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:diffuse-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.467 Part 1 Section 19.96, `dr3d:distance`**

- a. *The standard defines the attribute `dr3d:distance`, contained within the parent element `<chart:plot-area>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel saves this element, but ignores it on load.

#### **2.1.468 Part 1 Section 19.98, `dr3d:focal-length`**

- a. *The standard defines the attribute `dr3d:focal-length`, contained within the parent element `<chart:plot-area>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel saves this element but ignores it on load.

#### **2.1.469 Part 1 Section 19.99, `dr3d:lighting-mode`**

- a. *The standard defines the attribute `dr3d:lighting-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:lighting-mode`, contained within the parent element `<chart:plot-area>`*

This attribute is not supported in 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 Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `dr3d:lighting-mode`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.470 Part 1 Section 19.102, `dr3d:projection`**

- 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 property "parallel", contained within the attribute `dr3d:projection`, contained within the parent element `<chart:plot-area>`*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel loads this element, but always saves it as perspective 0.1.

- c. *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.

- d. *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.

### **2.1.471 Part 1 Section 19.103, `dr3d:shade-mode`**

- a. *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.

- b. *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.

- c. *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`.

- d. *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.

- e. *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`.

- f. *The standard defines the attribute `dr3d:shade-mode`, contained within the parent element `<chart:plot-area>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *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.

- h. *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.

- i. *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`.

- j. *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.

- k. *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`.

- l. *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.

- m. *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.

- n. *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`.

- o. *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.

- p. *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`.

## **2.1.472 Part 1 Section 19.104, `dr3d:shadow-slant`**

- a. *The standard defines the attribute `dr3d:shadow-slant`, contained within the parent element `<chart:plot-area>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.473 Part 1 Section 19.107, dr3d:transform**

- a. *The standard defines the attribute `dr3d:transform`, contained within the parent element `<chart:plot-area>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

"matrix" is the only transform definition that Excel supports.

### **2.1.474 Part 1 Section 19.108, dr3d:vpn**

- a. *The standard defines the attribute `dr3d:vpn`, contained within the parent element `<chart:plot-area>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel saves this element but ignores it on load.

### **2.1.475 Part 1 Section 19.110, dr3d:vup**

- a. *The standard defines the attribute `dr3d:vup`, contained within the parent element `<chart:plot-area>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel saves this element on write, but ignores it on load.

### **2.1.476 Part 1 Section 19.112, draw:angle**

- a. *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 2013, Word 2016, and Word 2019.

The `draw:angle` attribute is only supported when `draw:gradient-style` attribute is set to "linear".

- b. *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 2013, Excel 2016, and Excel 2019.

The draw:angle attribute is only supported when draw:gradient-style attribute is set to "linear".

- c. *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>
- <table:table-cell>

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

The draw:angle attribute is only supported when draw:gradient-style attribute is set to "linear".

### **2.1.477 Part 1 Section 19.114, draw:border**

- a. *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>

- b. *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>`

- c. *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>`

#### **2.1.478 Part 1 Section 19.115, `draw:caption-id`**

- 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: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>

c. *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>

#### **2.1.479 Part 1 Section 19.116, draw:caption-point-x**

a. *The standard defines the attribute draw:caption-point-x, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

b. *The standard defines the attribute draw:caption-point-x, contained within the element <office:annotation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.480 Part 1 Section 19.117, draw:caption-point-y**

a. *The standard defines the attribute draw:caption-point-y, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

b. *The standard defines the attribute draw:caption-point-y, contained within the element <office:annotation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.481 Part 1 Section 19.118, draw:chain-next-name**

- a. *The standard defines the attribute `draw:chain-next-name`, contained within the element `<draw:text-box>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

Text linking between text boxes in headers or footers are lost on load.

- b. *The standard defines the attribute `draw:chain-next-name`, contained within the element `<draw:text-box>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:chain-next-name`, contained within the element `<draw:text-box>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.482 Part 1 Section 19.120, draw:class-names**

- a. *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>`

- b. *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>`

- c. *The standard defines the attribute `draw:class-names`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not support or preserve this element.

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>

#### **2.1.483 Part 1 Section 19.124, draw:concentric-gradient-fill-allowed**

- a. *The standard defines the attribute draw:concentric-gradient-fill-allowed, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in Word 2013, Word 2016, or 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute draw:concentric-gradient-fill-allowed, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.484 Part 1 Section 19.126, draw:copy-of**

- a. *The standard defines the attribute draw:copy-of, contained within the element <draw:frame>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.485 Part 1 Section 19.127, draw:corner-radius**

- a. *The standard defines the attribute draw:corner-radius, contained within the element <draw:text-box>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute draw:corner-radius, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute draw:corner-radius, contained within the element <draw:text-box>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `draw:corner-radius`, contained within the element `<office:annotation>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `draw:corner-radius`, contained within the element `<draw:text-box>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.486 Part 1 Section 19.129, `draw:cx`**

- a. *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>`

- b. *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>`

- c. *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>

### **2.1.487 Part 1 Section 19.130, draw:cy**

- a. *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>

- b. *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>

- c. *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>

#### **2.1.488 Part 1 Section 19.131, draw:data**

- a. *The standard defines the attribute draw:data, contained within the element <draw:custom-shape>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute draw:data, contained within the element <draw:custom-shape>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute draw:data, contained within the element <draw:custom-shape>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.489 Part 1 Section 19.133, draw:display-name**

- a. *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>

- b. *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>
- c. *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>
- d. *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>
- e. *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>

- f. *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>

- g. *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>

- h. *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>

- i. *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>

- j. *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>
- k. *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>
- l. *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>

#### **2.1.490 Part 1 Section 19.134, draw:distance**

- a. *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>
- b. *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>
- c. *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>

## 2.1.491 Part 1 Section 19.135, draw:dots1

- a. *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>

- b. *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>

- c. *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>

### 2.1.492 Part 1 Section 19.136, draw:dots1-length

- a. *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>

- b. *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>

- c. *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>

### **2.1.493 Part 1 Section 19.137, draw:dots2**

- a. *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>

- b. *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>
- c. *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>

#### **2.1.494 Part 1 Section 19.138, draw:dots2-length**

- a. *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>

- b. *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>
- c. *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>

### **2.1.495 Part 1 Section 19.141, `draw:end-color`**

- a. *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>

- b. *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>
- c. *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>

### **2.1.496 Part 1 Section 19.143, draw:end-intensity**

- a. *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>

- b. *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>
- c. *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>

#### **2.1.497 Part 1 Section 19.145, draw:enhanced-path**

- a. *The standard defines the attribute draw:enhanced-path, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

On load, Word rounds floats to integers.

- b. *The standard defines the attribute draw:enhanced-path, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel rounds floats to integers.

- c. *The standard defines the attribute draw:enhanced-path, contained within the element <draw:enhanced-geometry>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint rounds floats to integers.

#### **2.1.498 Part 1 Section 19.146, draw:engine**

- a. *The standard defines the attribute draw:engine, contained within the element <draw:custom-shape>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:engine`, contained within the element `<draw:custom-shape>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:engine`, contained within the element `<draw:custom-shape>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.499 Part 1 Section 19.148, `draw:extrusion`**

- a. *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.

- b. *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.

- c. *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.

#### **2.1.500 Part 1 Section 19.149, `draw:extrusion-allowed`**

- a. *The standard defines the attribute `draw:extrusion-allowed`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:extrusion-allowed`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:extrusion-allowed`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.501 Part 1 Section 19.150, `draw:extrusion-brightness`**

- a. *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.

- b. *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.

- c. *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.

### **2.1.502 Part 1 Section 19.151, draw:extrusion-color**

- a. *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.

- b. *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.

- c. *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.

### **2.1.503 Part 1 Section 19.152, draw:extrusion-depth**

- a. *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.

- b. *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.

- c. *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.

### **2.1.504 Part 1 Section 19.153, draw:extrusion-diffusion**

- a. *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.

- b. *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.

- c. *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.

### **2.1.505 Part 1 Section 19.154, draw:extrusion-first-light-direction**

- a. *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.

- b. *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.

- c. *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.

#### **2.1.506 Part 1 Section 19.155, draw:extrusion-first-light-harsh**

- a. *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.

- b. *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.

- c. *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.

#### **2.1.507 Part 1 Section 19.156, draw:extrusion-first-light-level**

- a. *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.

- b. *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.

- c. *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.

#### **2.1.508 Part 1 Section 19.157, draw:extrusion-light-face**

- a. *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.

- b. *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.

- c. *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.

### **2.1.509 Part 1 Section 19.158, draw:extrusion-metal**

- a. *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.

- b. *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.

- c. *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.

### **2.1.510 Part 1 Section 19.159, draw:extrusion-number-of-line-segments**

- a. *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.

- b. *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.

- c. *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.

### **2.1.511 Part 1 Section 19.160, draw:extrusion-origin**

- a. *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).

- b. *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).

- c. *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).

### **2.1.512 Part 1 Section 19.161, draw:extrusion-rotation-angle**

- a. *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.

- b. *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.

- c. *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.

### **2.1.513 Part 1 Section 19.162, draw:extrusion-rotation-center**

- a. *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.

- b. *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.

- c. *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.

### **2.1.514 Part 1 Section 19.163, draw:extrusion-second-light-direction**

- a. *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).

- b. *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).

- c. *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).

### **2.1.515 Part 1 Section 19.164, draw:extrusion-second-light-harsh**

- a. *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.

- b. *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.

- c. *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.

#### **2.1.516 Part 1 Section 19.165, draw:extrusion-second-light-level**

- a. *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%.

- b. *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%.

- c. *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%.

#### **2.1.517 Part 1 Section 19.166, draw:extrusion-shininess**

- a. *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.

- b. *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.

- c. *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.

#### **2.1.518 Part 1 Section 19.167, draw:extrusion-skew**

- a. *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.

- b. *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.

- c. *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.

### **2.1.519 Part 1 Section 19.168, `draw:extrusion-specularity`**

- a. *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%.

- b. *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%.

- c. *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%.

### **2.1.520 Part 1 Section 19.169, `draw:extrusion-viewpoint`**

- a. *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.

- b. *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.

- c. *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.

### **2.1.521 Part 1 Section 19.170, `draw:filter-name`**

- a. *The standard defines the attribute `draw:filter-name`, contained within the element `<draw:image>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:filter-name`, contained within the element `<draw:image>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:filter-name`, contained within the element `<draw:image>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.522 Part 1 Section 19.171, `draw:formula`**

- a. *The standard defines the attribute `draw:formula`, contained within the element `<draw:equation>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

Word does not support the identifiers 'logwidth' and 'logheight'.

- b. *The standard defines the attribute `draw:formula`, contained within the element `<draw:equation>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel does not support the identifiers 'logwidth' and 'logheight'.

- c. *The standard defines the attribute `draw:formula`, contained within the element `<draw:equation>`*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not support the identifiers "logwidth" and "logheight".

### **2.1.523 Part 1 Section 19.175, `draw:glue-points`**

- a. *The standard defines the attribute `draw:glue-points`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

On load, Word rounds floats to integers.

- b. *The standard defines the attribute `draw:glue-points`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel rounds floats to integers.

- c. *The standard defines the attribute `draw:glue-points`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint rounds floats to integers.

### **2.1.524 Part 1 Section 19.176, `draw:handle-mirror-horizontal`**

- a. *The standard defines the attribute `draw:handle-mirror-horizontal`, contained within the element `<draw:handle>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:handle-mirror-horizontal`, contained within the element `<draw:handle>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:handle-mirror-horizontal`, contained within the element `<draw:handle>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.525 Part 1 Section 19.177, `draw:handle-mirror-vertical`**

- a. *The standard defines the attribute `draw:handle-mirror-vertical`, contained within the element `<draw:handle>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:handle-mirror-vertical`, contained within the element `<draw:handle>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:handle-mirror-vertical`, contained within the element `<draw:handle>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.526 Part 1 Section 19.179, `draw:handle-position`**

- a. *The standard defines the attribute `draw:handle-position`, contained within the element `<draw:handle>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

Word does not support the identifiers 'logwidth' and 'logheight'.

- b. *The standard defines the attribute `draw:handle-position`, contained within the element `<draw:handle>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel does not support the identifiers 'logwidth' and 'logheight'.

- c. *The standard defines the attribute `draw:handle-position`, contained within the element `<draw:handle>`*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not support the identifiers "logwidth" and "logheight".

### **2.1.527 Part 1 Section 19.182, `draw:handle-range-x-maximum`**

- a. *The standard defines the attribute `draw:handle-range-x-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in 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.

- b. *The standard defines the attribute `draw:handle-range-x-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in 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.

- c. *The standard defines the attribute `draw:handle-range-x-maximum`, contained within the element `<draw:handle>`*

This attribute is supported in 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.

### **2.1.528 Part 1 Section 19.183, draw:handle-range-x-minimum**

- a. *The standard defines the attribute draw:handle-range-x-minimum, contained within the element <draw:handle>*

This attribute is supported in 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.

- b. *The standard defines the attribute draw:handle-range-x-minimum, contained within the element <draw:handle>*

This attribute is supported in 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.

- c. *The standard defines the attribute draw:handle-range-x-minimum, contained within the element <draw:handle>*

This attribute is supported in 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.

### **2.1.529 Part 1 Section 19.184, draw:handle-range-y-maximum**

- a. *The standard defines the attribute draw:handle-range-y-maximum, contained within the element <draw:handle>*

This attribute is supported in 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.

- b. *The standard defines the attribute draw:handle-range-y-maximum, contained within the element <draw:handle>*

This attribute is supported in 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.

- c. *The standard defines the attribute draw:handle-range-y-maximum, contained within the element <draw:handle>*

This attribute is supported in 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.

### **2.1.530 Part 1 Section 19.185, draw:handle-range-y-minimum**

- a. *The standard defines the attribute draw:handle-range-y-minimum, contained within the element <draw:handle>*

This attribute is supported in 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.

- b. *The standard defines the attribute draw:handle-range-y-minimum, contained within the element <draw:handle>*

This attribute is supported in 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.

- c. *The standard defines the attribute draw:handle-range-y-minimum, contained within the element <draw:handle>*

This attribute is supported in 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.

### **2.1.531 Part 1 Section 19.186, draw:handle-switched**

- a. *The standard defines the attribute draw:handle-switched, contained within the element <draw:handle>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute draw:handle-switched, contained within the element <draw:handle>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute draw:handle-switched, contained within the element <draw:handle>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.532 Part 1 Section 19.187, draw:id**

- a. *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>

b. *The standard defines the attribute draw:id, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

c. *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>

d. *The standard defines the attribute draw:id, contained within the element <office:annotation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

e. *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>

f. *The standard defines the attribute draw:id, contained within the element <draw:page>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.533 Part 1 Section 19.190, draw:line-skew**

- a. *The standard defines the attribute draw:line-skew, contained within the element <draw:connector>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

Non-default connector elbow positions revert to default positioning after save from Word.

- b. *The standard defines the attribute draw:line-skew, contained within the element <draw:connector>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

Non-default connector elbow positions revert to default positioning after save from Excel.

- c. *The standard defines the attribute draw:line-skew, contained within the element <draw:connector>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

Non-default connector elbow positions revert to default positioning after save from PowerPoint.

### **2.1.534 Part 1 Section 19.196, draw:modifiers**

- a. *The standard defines the attribute draw:modifiers, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute draw:modifiers, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute draw:modifiers, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.535 Part 1 Section 19.197, draw:name**

- a. *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>
- b. *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>
- c. *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>
- d. *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>
- e. *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>

f. *The standard defines the attribute draw:name, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

g. *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>

h. *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>

i. *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>

- j. *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>

- k. *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>

- l. *The standard defines the attribute `draw:name`, contained within the element `<office:annotation>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- m. *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>
- n. *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>
- o. *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>
- p. *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>
- q. *The standard defines the attribute draw:name, contained within the element <draw:object>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not read in OLE object names; it sets default values for these attributes on load.

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not read in OLE object names; it sets default values for these attributes on load.

- r. *The standard defines the attribute draw:name, contained within the element <draw:object-ole>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not read in OLE object names; it sets default values for these attributes on load.

- s. *The standard defines the attribute `draw:name`, contained within the element `<draw:page>`*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

- t. *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>`

#### **2.1.536 Part 1 Section 19.198, `draw:nav-order`**

- a. *The standard defines the attribute `draw:nav-order`, contained within the element `<draw:page>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.537 Part 1 Section 19.200, `draw:notify-on-update-of-ranges`**

- a. *The standard defines the attribute `draw:notify-on-update-of-ranges`, contained within the element `<draw:object>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute `draw:notify-on-update-of-ranges`, contained within the element `<draw:object>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the attribute `draw:notify-on-update-of-ranges`, contained within the element `<draw:object-ole>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.538 Part 1 Section 19.204, `draw:path-stretchpoint-x`**

- a. *The standard defines the attribute `draw:path-stretchpoint-x`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in 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.

- b. *The standard defines the attribute `draw:path-stretchpoint-x`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in 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.

- c. *The standard defines the attribute `draw:path-stretchpoint-x`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in 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.

### **2.1.539 Part 1 Section 19.205, `draw:path-stretchpoint-y`**

- a. *The standard defines the attribute `draw:path-stretchpoint-y`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in 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.

- b. *The standard defines the attribute `draw:path-stretchpoint-y`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in 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.

- c. *The standard defines the attribute `draw:path-stretchpoint-y`, contained within the element `<draw:enhanced-geometry>`*

This attribute is supported in 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.

### **2.1.540 Part 1 Section 19.214, `draw:start-color`**

- a. *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>
- b. *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>
- c. *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>

#### **2.1.541 Part 1 Section 19.216, draw:start-intensity**

- a. *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>
- b. *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>

- c. *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>

#### **2.1.542 Part 1 Section 19.218, draw:style**

- a. *The standard defines the property "axial", contained within the attribute draw: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>



- b. *The standard defines the property "ellipsoid", contained within the attribute draw: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".

- c. *The standard defines the property "linear", contained within the attribute draw: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>

- d. *The standard defines the property "radial", contained within the attribute draw: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>

- e. *The standard defines the property "rectangular", contained within the attribute draw: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".

- f. *The standard defines the property "square", contained within the attribute draw: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>

- g. *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".

- h. *The standard defines the property "axial", contained within the attribute draw: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>

- i. *The standard defines the property "ellipsoid", contained within the attribute draw: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".

- j. *The standard defines the property "linear", contained within the attribute draw: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>

- k. *The standard defines the property "radial", contained within the attribute draw: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>

- l. *The standard defines the property "rectangular", contained within the attribute draw: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".

- m. *The standard defines the property "square", contained within the attribute draw: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>

- n. *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'.

- o. *The standard defines the property "axial", contained within the attribute draw: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>

- p. *The standard defines the property "ellipsoid", contained within the attribute draw: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".

- q. *The standard defines the property "linear", contained within the attribute draw: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>

r. *The standard defines the property "radial", contained within the attribute draw: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>

s. *The standard defines the property "rectangular", contained within the attribute draw: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".

t. *The standard defines the property "square", contained within the attribute draw: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>
- u. *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".

### **2.1.543 Part 1 Section 19.219, draw:style-name**

- a. *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>

- b. *The standard defines the attribute `draw:style-name`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `draw:style-name`, contained within the element `<style:master-page>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *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>`

- e. *The standard defines the attribute `draw:style-name`, contained within the element `<office:annotation>`*

This attribute is supported in 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.

- f. *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 2013, Excel 2016, or Excel 2019.

- g. *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>`

- h. *The standard defines the attribute `draw:style-name`, contained within the element `<style:handout-master>`*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.



Gradient backgrounds are not supported for handout masters.

#### **2.1.544 Part 1 Section 19.220, draw:text-areas**

- a. *The standard defines the attribute draw:text-areas, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

Only one text area per drawing shape is supported.

- b. *The standard defines the attribute draw:text-areas, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Only one text area per drawing shape is supported.

- c. *The standard defines the attribute draw:text-areas, contained within the element <draw:enhanced-geometry>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Only one text area per drawing shape is supported.

#### **2.1.545 Part 1 Section 19.221, draw:text-path**

- a. *The standard defines the attribute draw:text-path, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute draw:text-path, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.546 Part 1 Section 19.222, draw:text-path-allowed**

- a. *The standard defines the attribute draw:text-path-allowed, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute draw:text-path-allowed, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute draw:text-path-allowed, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.547 Part 1 Section 19.223, draw:text-path-mode**

- a. *The standard defines the attribute draw:text-path-mode, contained within the element <draw:enhanced-geometry>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

Word always sets the value of `draw:text-path-mode` to "shape".

- b. *The standard defines the attribute `draw:text-path-mode`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:text-path-mode`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.548 Part 1 Section 19.224, `draw:text-path-same-letter-heights`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

- c. *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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.549 Part 1 Section 19.225, `draw:text-path-scale`**

- a. *The standard defines the attribute `draw:text-path-scale`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

Word only uses shape text path scaling.

- b. *The standard defines the attribute `draw:text-path-scale`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:text-path-scale`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.550 Part 1 Section 19.226, `draw:text-rotate-angle`**

- a. *The standard defines the attribute `draw:text-rotate-angle`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:text-rotate-angle`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:text-rotate-angle`, contained within the element `<draw:enhanced-geometry>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.551 Part 1 Section 19.227, `draw:text-style-name`**

- a. *The standard defines the attribute `draw:text-style-name`, contained within the element `<office:annotation>`*

This attribute is not supported in 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.

### **2.1.552 Part 1 Section 19.228, `draw:transform`**

- a. *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>`

- b. *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.

- c. *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>

- d. *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>

- e. *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>
- f. *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>
- g. *The standard defines the attribute draw:transform, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- h. *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>
- i. *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.

- j. *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>

- k. *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>

- l. *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>

- m. *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>

- n. *The standard defines the attribute draw:transform, contained within the element <office:annotation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- o. *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>

- p. *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.

- q. *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>

- r. *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>

- s. *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>
- t. *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>

### **2.1.553 Part 1 Section 19.229, draw:type**

- a. *The standard defines the attribute draw:type, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

The enumeration "non-primitive" is supported. Any other value for the draw:type attribute is ignored.

- b. *The standard defines the attribute draw:type, contained within the element <draw:enhanced-geometry>*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

The enumeration "non-primitive" is supported. Any other value for the draw:type attribute is ignored.

- c. *The standard defines the attribute draw:type, contained within the element <draw:enhanced-geometry>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

The enumeration "non-primitive" is supported. Any other value for the draw:type attribute is ignored.

## **2.1.554 Part 1 Section 19.231, draw:z-index**

### *a. 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>

### *b. The standard defines the attribute draw:z-index, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### *c. 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>

### *d. The standard defines the attribute draw:z-index, contained within the element <office:annotation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### *e. The standard defines the attribute draw:z-index*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

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>

### **2.1.555 Part 1 Section 19.232, fo:column-count**

- a. *The standard defines the attribute fo:column-count, contained within the element <style:columns>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.556 Part 1 Section 19.233, fo:column-gap**

- a. *The standard defines the attribute fo:column-gap, contained within the element <style:columns>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.557 Part 1 Section 19.234, fo:country**

- a. *The standard defines the attribute fo:country, contained within the element <style:text-properties>*

This attribute is supported in 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 fo:country, contained within the element <style:text-properties>*

This attribute is not supported in 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.

- c. *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.

## **2.1.558 Part 1 Section 19.235, fo:end-indent**

- a. *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 2013, Excel 2016, or Excel 2019.

## 2.1.559 Part 1 Section 19.236, fo:language

- a. *The standard defines the attribute fo:language, contained within the element <style:text-properties>*

This attribute is supported in 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, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *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.

## 2.1.560 Part 1 Section 19.237, fo:margin-left

- a. *The standard defines the attribute fo:margin-left, contained within the element <style:graphic-properties>*

This attribute is not supported in 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-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:margin-left, 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.

- d. *The standard defines the attribute fo:margin-left, 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.

- e. *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

- f. *The standard defines the attribute fo:margin-left, contained within the element <style:paragraph-properties>*

This attribute is supported in 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.

- g. *The standard defines the attribute fo:margin-left, contained within the element <style:section-properties>*

This attribute is not supported in 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:margin-left, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *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>.

- j. *The standard defines the attribute fo:margin-left, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *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.

- l. *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>.

## **2.1.561 Part 1 Section 19.238, fo:max-height**

- a. *The standard defines the attribute fo:max-height, contained within the element <draw:text-box>*



This attribute is supported in 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.

- b. *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.

- c. *The standard defines the attribute fo:max-height, contained within the element <draw:text-box>*

This attribute is supported in 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.

- d. *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.

- e. *The standard defines the attribute fo:max-height, contained within the element <draw:text-box>*

This attribute is supported in 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.

- f. *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.

## **2.1.562 Part 1 Section 19.239, fo:max-width**

- a. *The standard defines the attribute fo:max-width, contained within the element <draw:text-box>*

This attribute is supported in 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.

- 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-width, contained within the element <draw:text-box>*

This attribute is supported in 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.

- 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-width, contained within the element <draw:text-box>*

This attribute is supported in 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.

- 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.

### **2.1.563 Part 1 Section 19.240, fo:min-height**

- a. *The standard defines the attribute fo:min-height, contained within the element <draw:text-box>*

This attribute is supported in 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.

- b. *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.

- c. *The standard defines the attribute fo:min-height, contained within the element <draw:text-box>*

This attribute is supported in 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.

- 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 fo:min-height, contained within the element <draw:text-box>*

This attribute is supported in 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.

- f. *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.

## **2.1.564 Part 1 Section 19.241, fo:min-width**

- a. *The standard defines the attribute fo:min-width, contained within the element <draw:text-box>*

This attribute is supported in 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.

- b. *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.

- c. *The standard defines the attribute fo:min-width, contained within the element <draw:text-box>*

This attribute is supported in 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.

- 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 fo:min-width, contained within the element <draw:text-box>*

This attribute is supported in 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.

- f. *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.

#### **2.1.565 Part 1 Section 19.242.2, text:alphabetical-index-source**

- a. *The standard defines the attribute fo:script, contained within the element <text:alphabetical-index-source>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

#### **2.1.566 Part 1 Section 19.243, fo:space-after**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.567 Part 1 Section 19.244, fo:space-before**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.568 Part 1 Section 19.245, fo:start-indent**

- a. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.569 Part 1 Section 19.246, fo:text-indent**

- a. *The standard defines the attribute fo:text-indent, 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.

- b. *The standard defines the attribute fo:text-indent, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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.

### **2.1.570 Part 1 Section 19.247, form:allow-deletes**

- a. *The standard defines the attribute form:allow-deletes, contained within the element <form:form>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.571 Part 1 Section 19.248, form:allow-inserts**

- a. *The standard defines the attribute form:allow-inserts, contained within the element <form:form>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

#### **2.1.572 Part 1 Section 19.249, `form:allow-updates`**

- a. *The standard defines the attribute `form:allow-updates`, contained within the element `<form:form>`*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

#### **2.1.573 Part 1 Section 19.251, `form:apply-filter`**

- a. *The standard defines the attribute `form:apply-filter`, contained within the element `<form:form>`*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

#### **2.1.574 Part 1 Section 19.254, `form:bound-column`**

- a. *The standard defines the attribute `form:bound-column`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:bound-column`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.575 Part 1 Section 19.255, `form:button-type`**

- a. *The standard defines the attribute `form:button-type`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `form:button-type`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.576 Part 1 Section 19.256, `form:command`**

- a. *The standard defines the attribute `form:command`, contained within the element `<form:form>`*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.577 Part 1 Section 19.257, form:command-type**

- a. *The standard defines the attribute form:command-type, contained within the element <form:form>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.578 Part 1 Section 19.258, form:control-implementation**

- a. *The standard defines the attribute form:control-implementation*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:control-implementation*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.579 Part 1 Section 19.259, form:convert-empty-to-null**

- a. *The standard defines the attribute form:convert-empty-to-null*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:convert-empty-to-null*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.580 Part 1 Section 19.260, form:current-selected**

- a. *The standard defines the attribute form:current-selected*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:current-selected*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.581 Part 1 Section 19.262, form:current-value**

- a. *The standard defines the attribute form:current-value*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:current-value*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.582 Part 1 Section 19.263, form:data-field**

- a. *The standard defines the attribute form:data-field*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:data-field*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.583 Part 1 Section 19.264, form:datasource**

- a. *The standard defines the attribute form:datasource, contained within the element <form:form>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.584 Part 1 Section 19.267, form:detail-fields**

- a. *The standard defines the attribute form:detail-fields, contained within the element <form:form>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.585 Part 1 Section 19.268, form:disabled**

- a. *The standard defines the attribute form:disabled*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:disabled*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.586 Part 1 Section 19.269, form:dropdown**

- a. *The standard defines the attribute form:dropdown*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:dropdown*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.587 Part 1 Section 19.271, form:enctype**

- a. *The standard defines the attribute form:enctype, contained within the element <form:form>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.588 Part 1 Section 19.272, form:escape-processing**

- a. *The standard defines the attribute form:escape-processing, contained within the element <form:form>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.



**2.1.589 Part 1 Section 19.273, form:filter**

- a. *The standard defines the attribute form:filter, contained within the element <form:form>*  
This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

**2.1.590 Part 1 Section 19.275, form:for**

- a. *The standard defines the attribute form:for*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute form:for*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.591 Part 1 Section 19.276, form:id**

- a. *The standard defines the attribute form:id*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute form:id*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.592 Part 1 Section 19.277, form:ignore-result**

- a. *The standard defines the attribute form:ignore-result, contained within the element <form:form>*  
This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

**2.1.593 Part 1 Section 19.278, form:image-align**

- a. *The standard defines the attribute form:image-align*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute form:image-align*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.594 Part 1 Section 19.279, form:image-data**

- a. *The standard defines the attribute form:image-data*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute form:image-data*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.595 Part 1 Section 19.280, form:image-position**

- a. *The standard defines the attribute form:image-position*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:image-position*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.596 Part 1 Section 19.282, form:label**

- a. *The standard defines the attribute form:label*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:label*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.597 Part 1 Section 19.285, form:list-source**

- a. *The standard defines the attribute form:list-source*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:list-source*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.598 Part 1 Section 19.286, form:list-source-type**

- a. *The standard defines the attribute form:list-source-type*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:list-source-type*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.599 Part 1 Section 19.287, form:master-fields**

- a. *The standard defines the attribute form:master-fields, contained within the element <form:form>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.600 Part 1 Section 19.288, form:max-length**

- a. *The standard defines the attribute form:max-length*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:max-length*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.601 Part 1 Section 19.291, form:method**

- a. *The standard defines the attribute form:method, contained within the element <form:form>*  
This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.602 Part 1 Section 19.294, form:name**

- a. *The standard defines the attribute form:name*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute form:name*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.603 Part 1 Section 19.295, form:navigation-mode**

- a. *The standard defines the attribute form:navigation-mode, contained within the element <form:form>*  
This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.604 Part 1 Section 19.296, form:order**

- a. *The standard defines the attribute form:order, contained within the element <form:form>*  
This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.605 Part 1 Section 19.299, form:printable**

- a. *The standard defines the attribute form:printable*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute form:printable*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.606 Part 1 Section 19.300, form:property-name**

- a. *The standard defines the attribute form:property-name, contained within the element <form:property>*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.607 Part 1 Section 19.301, form:readonly**

- a. *The standard defines the attribute form:readonly*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:readonly*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.608 Part 1 Section 19.303, form:selected**

- a. *The standard defines the attribute form:selected*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:selected*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.609 Part 1 Section 19.304, form:size**

- a. *The standard defines the attribute form:size*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:size*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.610 Part 1 Section 19.309, form:tab-cycle**

- a. *The standard defines the attribute form:tab-cycle, contained within the element <form:form>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.611 Part 1 Section 19.310, form:tab-index**

- a. *The standard defines the attribute form:tab-index*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:tab-index*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.612 Part 1 Section 19.311, form:tab-stop**

- a. *The standard defines the attribute form:tab-stop*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:tab-stop*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.613 Part 1 Section 19.313, form:title**

- a. *The standard defines the attribute form:title*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:title*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.614 Part 1 Section 19.316, form:value**

- a. *The standard defines the attribute form:value*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:value*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.615 Part 1 Section 19.317, form:visual-effect**

- a. *The standard defines the attribute form:visual-effect*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute form:visual-effect*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.616 Part 1 Section 19.326, meta:frame-count**

- a. *The standard defines the attribute meta:frame-count, contained within the element <meta:document-statistic>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.617 Part 1 Section 19.327, meta:image-count**

- a. *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 2013, Word 2016, or Word 2019.

### **2.1.618 Part 1 Section 19.330, meta:object-count**

- a. *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 2013, Word 2016, or Word 2019.

### **2.1.619 Part 1 Section 19.332, meta:page-count**

- a. *The standard defines the attribute meta:page-count, contained within the element <meta:document-statistic>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.620 Part 1 Section 19.335, meta:sentence-count**

- a. *The standard defines the attribute meta:sentence-count, contained within the element <meta:document-statistic>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.621 Part 1 Section 19.336, meta:syllable-count**

- a. *The standard defines the attribute meta:syllable-count, contained within the element <meta:document-statistic>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.622 Part 1 Section 19.340, number:automatic-order**

- a. *The standard defines the attribute number:automatic-order*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute number:automatic-order, contained within the element <number:date-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute number:automatic-order*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute number:automatic-order*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.623 Part 1 Section 19.341, number:calendar**

- a. *The standard defines the property "hanja", contained within the attribute number:calendar*

This property is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar*

This property is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "ROC", contained within the attribute number:calendar*

This property is not supported in Word 2013, Word 2016, or Word 2019.

- d. *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 2013, Word 2016, or Word 2019.

- e. *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 2013, Word 2016, or Word 2019.

- f. *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 2013, Word 2016, or Word 2019.

- g. *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 2013, Word 2016, or Word 2019.

- h. *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 2013, Word 2016, or Word 2019.

- i. *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 2013, Word 2016, or Word 2019.

- j. *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 2013, Word 2016, or Word 2019.

- k. *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 2013, Word 2016, or Word 2019.

- l. *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 2013, Word 2016, or Word 2019.

- m. *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 2013, Word 2016, or Word 2019.

- n. *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 2013, Word 2016, or Word 2019.

- o. *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 2013, Word 2016, or Word 2019.

- p. *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 2013, Word 2016, or Word 2019.

- q. *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 2013, Word 2016, or Word 2019.

- r. *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 2013, Word 2016, or Word 2019.

- s. *The standard defines the property "buddhist", contained within the attribute number:calendar*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

This value corresponds to CAL\_THAI in Excel.

- t. *The standard defines the property "gengou", contained within the attribute number:calendar*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

This value corresponds to CAL\_JAPAN in Excel.

- u. *The standard defines the property "hanja", contained within the attribute number:calendar*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

This value corresponds to CAL\_KOREA in Excel.

- v. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- w. *The standard defines the property "jewish", contained within the attribute number:calendar*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

This value corresponds to CAL\_HEBREW in Excel.

- x. *The standard defines the property "ROC", contained within the attribute number:calendar*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- y. *The standard defines the property "hanja\_yoil", contained within the attribute number:calendar*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *The standard defines the property "ROC", contained within the attribute number:calendar*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.624 Part 1 Section 19.342, number:country**

- a. *The standard defines the attribute number:country, contained within the element <number:time-style>*



This attribute is supported in Word 2013, Word 2016, and Word 2019.

61. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.
  62. On save, Word does not write out time fields or time styles.
- b. *The standard defines the attribute number:country*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.625 Part 1 Section 19.343, number:decimal-places**

- a. *The standard defines the attribute number:decimal-places*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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 2013, Word 2016, or Word 2019.

63. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.
64. 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:date-style>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.626 Part 1 Section 19.344, number:decimal-replacement**

- a. *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 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.

### **2.1.627 Part 1 Section 19.347, number:format-source**

- a. *The standard defines the attribute number:format-source*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute number:format-source, contained within the element <number:date-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute number:format-source, contained within the element <number:time-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- 65. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.
- 66. On save, Word does not write out time fields or time styles.

- d. *The standard defines the property "fixed", contained within the attribute number:format-source*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the property "language", contained within the attribute number:format-source*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute number:format-source*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.628 Part 1 Section 19.348, number:grouping**

- a. *The standard defines the attribute number:grouping*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.629 Part 1 Section 19.349, number:language**

- a. *The standard defines the attribute number:language, contained within the element <number:time-style>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- 67. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.
- 68. On save, Word does not write out time fields or time styles.

- b. *The standard defines the attribute number:language*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.630 Part 1 Section 19.352, number:min-integer-digits**

- a. *The standard defines the attribute number:min-integer-digits*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.631 Part 1 Section 19.355, number:possessive-form**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

- c. *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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.632 Part 1 Section 19.357, `number:script`**

- a. *The standard defines the attribute `number:script`, contained within the element `<number:date-style>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `number:script`, contained within the element `<number:time-style>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.633 Part 1 Section 19.358, `number:style`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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 2013, Word 2016, or Word 2019.

- d. *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 2013, Word 2016, or Word 2019.

- e. *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 2013, Word 2016, and Word 2019.

- 69. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.

- 70. On save, Word does not write out time fields or time styles.

- f. *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 2013, Word 2016, or Word 2019.

- g. *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 2013, Word 2016, and Word 2019.

- 71. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.

72. On save, Word does not write out time fields or time styles.

- h. *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 2013, Word 2016, or Word 2019.

- i. *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 2013, Word 2016, or Word 2019.

- j. *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 2013, Word 2016, and Word 2019.

73. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.

74. On save, Word does not write out time fields or time styles.

- k. *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 2013, Word 2016, or Word 2019.

- l. *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 2013, Excel 2016, or Excel 2019.

- m. *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 2013, Excel 2016, or Excel 2019.

- n. *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 2013, Excel 2016, or Excel 2019.

- o. *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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.634 Part 1 Section 19.360, `number:title`**

- a. *The standard defines the attribute `number:title`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `number:title`, contained within the element `<number:date-style>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `number:title`, contained within the element `<number:time-style>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

75. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.

76. On save, Word does not write out time fields or time styles.

d. *The standard defines the attribute number:title*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

e. *The standard defines the attribute number:title*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.635 Part 1 Section 19.361, number:transliteration-country**

a. *The standard defines the attribute number:transliteration-country*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

b. *The standard defines the attribute number:transliteration-country, contained within the element <number:date-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

c. *The standard defines the attribute number:transliteration-country, contained within the element <number:time-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

77. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.

78. On save, Word does not write out time fields or time styles.

d. *The standard defines the attribute number:transliteration-country*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.636 Part 1 Section 19.362, number:transliteration-format**

a. *The standard defines the attribute number:transliteration-format, contained within the element <number:time-style>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

79. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.

80. On save, Word does not write out time fields or time styles.

### **2.1.637 Part 1 Section 19.363, number:transliteration-language**

a. *The standard defines the attribute number:transliteration-language*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

b. *The standard defines the attribute number:transliteration-language, contained within the element <number:date-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

c. *The standard defines the attribute number:transliteration-language, contained within the element <number:time-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

81. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.
82. On save, Word does not write out time fields or time styles.

d. *The standard defines the attribute number:transliteration-language*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.638 Part 1 Section 19.364, number:transliteration-style**

- a. *The standard defines the attribute number:transliteration-style, contained within the element <number:time-style>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

83. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.
84. On save, Word does not write out time fields or time styles.

- b. *The standard defines the property "long", contained within the attribute number:transliteration-style*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel ignores this attribute. On save, Excel outputs this attribute in case of general format.

- c. *The standard defines the property "medium", contained within the attribute number:transliteration-style*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.639 Part 1 Section 19.365, number:truncate-on-overflow**

- a. *The standard defines the attribute number:truncate-on-overflow, contained within the element <number:time-style>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

85. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.
86. On save, Word does not write out time fields or time styles.

- b. *The standard defines the attribute number:truncate-on-overflow*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

If the attribute is true or not present, then the <number:hours>, <number:minutes>, or <number:seconds> child elements of the <number:time-style> element is truncated, which means hours do not exceed 24 and minutes and seconds do not exceed 60.

- c. *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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.640 Part 1 Section 19.367, office:boolean-value**

- a. *The standard defines the attribute office:boolean-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute office:boolean-value, contained within the element <table:table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute office:boolean-value*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

- d. *The standard defines the attribute office:boolean-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute office:boolean-value, contained within the element <table:table-cell>*

### **2.1.641 Part 1 Section 19.368, office:conversion-mode**

- a. *The standard defines the attribute office:conversion-mode, contained within the element <office:dde-source>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.642 Part 1 Section 19.369, office:currency**

- a. *The standard defines the attribute office:currency, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute office:currency, contained within the element <table:table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute office:currency*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute office:currency, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute office:currency, contained within the element <table:table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute office:currency, contained within the element <table:table-cell>*

### 2.1.643 Part 1 Section 19.370, office:date-value

- a. *The standard defines the attribute office:date-value, contained within the element <table:covered-table-cell>*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute office:date-value, contained within the element <table:table-cell>*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- c. *The standard defines the attribute office:date-value*  
This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.  
On load, Excel reads this attribute. On save, Excel does not write this attribute.
- d. *The standard defines the attribute office:date-value, contained within the element <table:covered-table-cell>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### 2.1.644 Part 1 Section 19.375, office:mimetype

- a. *The standard defines the attribute office:mimetype, contained within the element <office:document-content>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- b. *The standard defines the attribute office:mimetype, contained within the element <office:document-meta>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- c. *The standard defines the attribute office:mimetype, contained within the element <office:document-settings>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.
- d. *The standard defines the attribute office:mimetype, contained within the element <office:document-styles>*  
This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### 2.1.645 Part 1 Section 19.376, office:name

- a. *The standard defines the attribute office:name, contained within the element <text:a>*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- b. *The standard defines the attribute office:name, contained within the element <office:dde-source>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- c. *The standard defines the attribute office:name, contained within the element <text:a>*  
This attribute is not supported in 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.

- d. *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>

### **2.1.646 Part 1 Section 19.379, office:string-value**

- a. *The standard defines the attribute office:string-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute office:string-value, contained within the element <table:table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute office:string-value*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

- d. *The standard defines the attribute office:string-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute office:string-value, contained within the element <table:table-cell>*

### 2.1.647 Part 1 Section 19.380, office:target-frame

- a. *The standard defines the attribute office:target-frame*

This attribute is not supported in 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 Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute office:target-frame*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute office:target-frame, contained within the element <form:form>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### 2.1.648 Part 1 Section 19.381, office:target-frame-name

- a. *The standard defines the attribute office:target-frame-name, contained within the element <text:a>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *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>

87. 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.

88. On read, all values for this property are written as string values to PowerPoint.

### 2.1.649 Part 1 Section 19.382, office:time-value

- a. *The standard defines the attribute office:time-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute office:time-value, contained within the element <table:table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

c. *The standard defines the attribute office:time-value*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

d. *The standard defines the attribute office:time-value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

e. *The standard defines the attribute office:time-value, contained within the element <table:table-cell>*

## **2.1.650 Part 1 Section 19.383, office:title**

a. *The standard defines the attribute office:title, contained within the element <text:a>*

This attribute is not supported in 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.

b. *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>

### **2.1.651 Part 1 Section 19.384, office:value**

- a. *The standard defines the attribute office:value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute office:value, contained within the element <table:table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute office:value, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute office:value, contained within the element <table:table-cell>*

### **2.1.652 Part 1 Section 19.385, office:value-type**

- a. *The standard defines the attribute office:value-type, contained within the element <form:property>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the property "boolean", contained within the attribute office:value-type*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

- c. *The standard defines the property "currency", contained within the attribute office:value-type*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the property "date", contained within the attribute office:value-type*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

- e. *The standard defines the property "percentage", contained within the attribute office:value-type*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the property "time", contained within the attribute office:value-type*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

- 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 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 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 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 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 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 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 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the attribute office:value-type*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.653 Part 1 Section 19.386, office:version**

- a. *The standard defines the attribute office:version, contained within the element <office:document-content>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *The standard defines the attribute office:version, contained within the element <office:document-meta>*

This attribute is supported in 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.

- c. *The standard defines the attribute office:version, contained within the element <office:document-settings>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the attribute office:version, contained within the element <office:document-styles>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.654 Part 1 Section 19.387, presentation:action**

- a. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *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 2013 and PowerPoint 2016.

PowerPoint does not support links to slides in other presentations.

- d. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *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 2013 and PowerPoint 2016.

If this property is used but no presentation:verb attribute is present, PowerPoint replaces the slide with a blank slide.

#### **2.1.655 Part 1 Section 19.389, presentation:class**

- a. *The standard defines the attribute presentation:class*

This attribute is supported in 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.

#### **2.1.656 Part 1 Section 19.390, presentation:class-names**

- a. *The standard defines the attribute presentation:class-names*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint does not support or preserve this element.

#### **2.1.657 Part 1 Section 19.392, presentation:direction**

- a. *The standard defines the attribute presentation:direction, contained within the element <presentation:event-listener>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.658 Part 1 Section 19.394, presentation:effect**

- a. *The standard defines the attribute presentation:effect, contained within the element <presentation:event-listener>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.659 Part 1 Section 19.396, presentation:full-screen**

- a. *The standard defines the attribute presentation:full-screen, contained within the element <presentation:settings>*

This attribute is supported in 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.

### **2.1.660 Part 1 Section 19.398, presentation:master-element**

- a. *The standard defines the attribute presentation:master-element*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.661 Part 1 Section 19.399, presentation:mouse-as-pen**

- a. *The standard defines the attribute presentation:mouse-as-pen, contained within the element <presentation:settings>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.662 Part 1 Section 19.400, presentation:mouse-visible**

- a. *The standard defines the attribute presentation:mouse-visible, contained within the element <presentation:settings>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.663 Part 1 Section 19.406, presentation:pause**

- a. *The standard defines the attribute presentation:pause, contained within the element <presentation:settings>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.664 Part 1 Section 19.409, presentation:presentation-page-layout-name**

- a. *The standard defines the attribute presentation:presentation-page-layout-name, contained within the element <draw:page>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint does not read this attribute when loading a slide.

- b. *The standard defines the attribute presentation:presentation-page-layout-name, contained within the element <style:handout-master>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.665 Part 1 Section 19.414, presentation:show-end-of-presentation-slide**

- a. *The standard defines the attribute presentation:show-end-of-presentation-slide, contained within the element <presentation:settings>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.666 Part 1 Section 19.415, presentation:show-logo**

- a. *The standard defines the attribute presentation:show-logo, contained within the element <presentation:settings>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.667 Part 1 Section 19.417, presentation:speed**

- a. *The standard defines the attribute presentation:speed, contained within the element <presentation:event-listener>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.668 Part 1 Section 19.418, presentation:start-scale**

- a. *The standard defines the attribute presentation:start-scale, contained within the element <presentation:event-listener>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.669 Part 1 Section 19.420, presentation:start-with-navigator**

- a. *The standard defines the attribute presentation:start-with-navigator, contained within the element <presentation:settings>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.670 Part 1 Section 19.421, presentation:stay-on-top**

- a. *The standard defines the attribute presentation:stay-on-top, contained within the element <presentation:settings>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.671 Part 1 Section 19.422, presentation:style-name**

- a. *The standard defines the attribute presentation:style-name*

This attribute is supported in 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.

#### **2.1.672 Part 1 Section 19.423, presentation:transition-on-click**

- a. *The standard defines the attribute presentation:transition-on-click, contained within the element <presentation:settings>*

This attribute is supported in 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.

### **2.1.673 Part 1 Section 19.424, presentation:use-date-time-name**

- a. *The standard defines the attribute presentation:use-date-time-name, contained within the element <draw:page>*

This attribute is supported in 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.

- b. *The standard defines the attribute presentation:use-date-time-name, contained within the element <style:handout-master>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.674 Part 1 Section 19.425, presentation:use-footer-name**

- a. *The standard defines the attribute presentation:use-footer-name, contained within the element <draw:page>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint reads footers declared using this attribute, but writes them out as textboxes with regular text.

- b. *The standard defines the attribute presentation:use-footer-name, contained within the element <style:handout-master>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.675 Part 1 Section 19.426, presentation:use-header-name**

- a. *The standard defines the attribute presentation:use-header-name, contained within the element <draw:page>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint reads headers declared using this attribute, but writes them out as textboxes with regular text.

- b. *The standard defines the attribute presentation:use-header-name, contained within the element <style:handout-master>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.676 Part 1 Section 19.427, presentation:user-transformed**

- a. *The standard defines the attribute presentation:user-transformed*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.677 Part 1 Section 19.429, script:event-name**

- a. *The standard defines the attribute script:event-name, contained within the element <presentation:event-listener>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint only supports the dom:click and dom:mouseover events.

This attribute is supported in 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.

- b. *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 2013 and PowerPoint 2016.

PowerPoint only supports this property on shapes. It is not supported on text.

#### **2.1.678 Part 1 Section 19.430, script:language**

- a. *The standard defines the attribute script:language, contained within the element <presentation:event-listener>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.679 Part 1 Section 19.431, script:macro-name**

- a. *The standard defines the attribute script:macro-name, contained within the element <presentation:event-listener>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.680 Part 1 Section 19.433, smil:accumulate**

- a. *The standard defines the attribute smil:accumulate*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.681 Part 1 Section 19.434, smil:additive**

- a. *The standard defines the attribute smil:additive*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.682 Part 1 Section 19.435, smil:attributeName**

- a. *The standard defines the property "charColor", contained within the attribute smil:attributeName*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint disregards color animations for animations that use the AnimColor element.

- b. *The standard defines the property "charPosture", contained within the attribute smil:attributeName*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the property "fillColor", contained within the attribute smil:attributeName*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint disregards color animations for animations that use the AnimColor element.

- d. *The standard defines the property "lineColor", contained within the attribute smil:attributeName*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint disregards color animations for animations that use the AnimColor element.

- e. *The standard defines the property "skewX", contained within the attribute smil:attributeName*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.683 Part 1 Section 19.439, smil:calcMode**

- a. *The standard defines the property "paced", contained within the attribute smil:calcMode*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *The standard defines the property "spline", contained within the attribute smil:calcMode*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the attribute smil:calcMode, contained within the element <anim:animateMotion>*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint supports the values "discrete" and "linear" for this attribute.

### **2.1.684 Part 1 Section 19.444, smil:endsync**

- a. *The standard defines the attribute smil:endsync*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.685 Part 1 Section 19.445, smil:fadeColor**

- a. *The standard defines the attribute smil:fadeColor, contained within the element <anim:transitionFilter>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *The standard defines the attribute smil:fadeColor, contained within the element <style:drawing-page-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

The fadeColor can only be black.

### **2.1.686 Part 1 Section 19.446, smil:fill**

- a. *The standard defines the property "auto", contained within the attribute smil:fill*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *The standard defines the property "default", contained within the attribute smil:fill*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *The standard defines the property "freeze", contained within the attribute smil:fill*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *The standard defines the property "transition", contained within the attribute smil:fill*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.687 Part 1 Section 19.447, smil:fillDefault**

- a. *The standard defines the attribute smil:fillDefault*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.688 Part 1 Section 19.449, smil:keySplines**

- a. *The standard defines the attribute smil:keySplines*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.689 Part 1 Section 19.454, smil:restart**

- a. *The standard defines the attribute smil:restart*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.690 Part 1 Section 19.455, smil:restartDefault**

- a. *The standard defines the attribute smil:restartDefault*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.691 Part 1 Section 19.459, smil:type**

- a. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *The standard defines the property "barnDoorWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2013 and PowerPoint 2016.

Subtypes "vertical" and "horizontal" are supported in both forward and reverse directions.

- c. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- g. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- h. *The standard defines the property "clockWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*
- This property is supported in PowerPoint 2013 and PowerPoint 2016.
- Only the "clockwiseTwelve" subtype in the forward direction is supported. All other subtypes and directions are mapped to this one.
- i. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- j. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- k. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- l. *The standard defines the property "ellipseWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*
- This property is supported in PowerPoint 2013 and PowerPoint 2016.
- Only the "circle" subtype is supported. All other subtypes are mapped to this one.
- m. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- n. *The standard defines the property "fade", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*
- This property is supported in PowerPoint 2013 and PowerPoint 2016.
- All fade wipes map to "crossfade".
- o. *The standard defines the property "fanWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*
- This property is supported in PowerPoint 2013 and PowerPoint 2016.
- Only the "centerTop" subtype in the forward direction is supported. All other fanwipe objects map to this one.
- p. *The standard defines the property "fourBoxWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2013 and PowerPoint 2016.

The fourBoxWipe property in combination with direction "forward" maps to "cornersOut". The fourBoxWipe property in combination with direction "reverse" maps to "cornersIn".

- q. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *The standard defines the property "irisWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2013 and PowerPoint 2016.

Subtypes "rectangle" and "diamond" are supported in both forward and reverse directions.

- s. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- t. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- u. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- v. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- w. *The standard defines the property "pinWheelWipe", contained within the attribute smil:type, contained within the element <anim:transitionFilter>*

This property is supported in PowerPoint 2013 and PowerPoint 2016.

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.

- x. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- y. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- z. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- aa. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ee. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ff. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- gg. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- hh. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ii. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- jj. *The standard defines the attribute smil:type, contained within the element <style:drawing-page-properties>*

This attribute is supported in 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".

- kk. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ll. *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 2013 and PowerPoint 2016.

PowerPoint supports BarnDoorWipe subtypes "vertical" and "horizontal" in forward and reverse directions.

mm. *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 2013, PowerPoint 2016, or PowerPoint 2019.

nn. *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 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *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 2013 and PowerPoint 2016.

PowerPoint supports BarWipe subtypes "topToBottom" and "leftToRight" in forward and reverse directions. All other subtype/direction combinations map to "topToBottom" in forward direction.

pp. *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 2013, PowerPoint 2016, or PowerPoint 2019.

qq. *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 2013, PowerPoint 2016, or PowerPoint 2019.

rr. *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 2013, PowerPoint 2016, or PowerPoint 2019.

ss. *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 2013 and PowerPoint 2016.

PowerPoint only supports the clockwiseTwelve subtype in the forward direction. All other subtype/direction combinations are mapped to this one.

tt. *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 2013, PowerPoint 2016, or PowerPoint 2019.

uu. *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 2013, PowerPoint 2016, or PowerPoint 2019.

vv. *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 2013, PowerPoint 2016, or PowerPoint 2019.

ww. *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 2013 and PowerPoint 2016.

PowerPoint only supports the circular ellipseWipe subtype in the forward direction. All other subtype/direction combinations are mapped to this one.

- xx. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- yy. *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 2013 and PowerPoint 2016.

PowerPoint supports crossfade and fadeFromColor. All others map to "crossfade".

- zz. *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 2013 and PowerPoint 2016.

PowerPoint only supports the centerTop fanWipe in the forward direction. All other subtype/direction combinations are mapped to this one.

- aaa. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- bbb. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ccc. *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 2013 and PowerPoint 2016.

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.

- ddd. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- eee. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- fff. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ggg. *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 2013, PowerPoint 2016, or PowerPoint 2019.

hhh. *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 2013 and PowerPoint 2016.

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.

iii. *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 2013 and PowerPoint 2016.

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.

jjj. *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 2013, PowerPoint 2016, or PowerPoint 2019.

kkk. *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 2013, PowerPoint 2016, or PowerPoint 2019.

lll. *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 2013, PowerPoint 2016, or PowerPoint 2019.

mmm. *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 2013 and PowerPoint 2016.

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.

nnn. *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 2013, PowerPoint 2016, or PowerPoint 2019.

ooo. *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 2013, PowerPoint 2016, or PowerPoint 2019.

ppp. *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 2013 and PowerPoint 2016.

PowerPoint only supports the four-point starWipe in the forward direction. All other subtype/direction combinations are mapped to this one.

qqq. *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 2013, PowerPoint 2016, or PowerPoint 2019.

rrr. *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 2013, PowerPoint 2016, or PowerPoint 2019.

sss. *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 2013, PowerPoint 2016, or PowerPoint 2019.

ttt. *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 2013, PowerPoint 2016, or PowerPoint 2019.

uuu. *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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.692 Part 1 Section 19.461, style:adjustment**

a. *The standard defines the attribute style:adjustment, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.693 Part 1 Section 19.462, style:apply-style-name**

a. *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 2013, Excel 2016, and Excel 2019.

89. Excel conditional formatting does not support the following formatting:

alignment formatting

font size

font face

thick and double borders

diagonal borders

90. Excel does not save pattern fills.

#### **2.1.694 Part 1 Section 19.463, style:auto-update**

a. *The standard defines the attribute style:auto-update, contained within the element <style:style>*

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.

- b. *The standard defines the attribute style:auto-update, contained within the element <style:style>*

This attribute is not supported in 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

c. *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>`

## **2.1.695 Part 1 Section 19.464, `style:base-cell-address`**

a. *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 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.

### 2.1.696 Part 1 Section 19.465, style:char

- a. *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.

- b. *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 2013, Word 2016, or Word 2019.

- 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 Excel 2013, Excel 2016, or Excel 2019.

- d. *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>.

### 2.1.697 Part 1 Section 19.466, style:class

- a. *The standard defines the attribute style:class, contained within the element <style:style>*

This attribute is not supported in 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.

- b. *The standard defines the attribute `style:class`, contained within the element `<style:style>`*

This attribute is not supported in 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

- c. *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>

#### **2.1.698 Part 1 Section 19.467, style:color**

- a. *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 2013, Word 2016, or Word 2019.

- 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:color, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.699 Part 1 Section 19.468, style:condition**

- a. *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 2013, Excel 2016, and Excel 2019.

#### **2.1.700 Part 1 Section 19.469, style:data-style-name**

- a. *The standard defines the attribute style:data-style-name, contained within the element <style:style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.



- b. *The standard defines the attribute `style:data-style-name`, contained within the element `<style:style>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.701 Part 1 Section 19.470, `style:default-outline-level`**

- a. *The standard defines the attribute `style:default-outline-level`, contained within the element `<style:style>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute `style:default-outline-level`, contained within the element `<style:style>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.702 Part 1 Section 19.471, `style:display`**

- a. *The standard defines the attribute `style:display`, contained within the element `<style:footer>`*

This attribute is not supported in 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.

- b. *The standard defines the attribute `style:display`, contained within the element `<style:header>`*

This attribute is not supported in 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.

### **2.1.703 Part 1 Section 19.472, `style:display-name`**

- a. *The standard defines the attribute `style:display-name`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:display-name`, contained within the element `<number:date-style>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `style:display-name`, contained within the element `<number:time-style>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- 91. On load, Word reads the `<number:time-style>` element and converts it to the matching `<text:date-style>` element.

- 92. On save, Word does not write out time fields or time styles.

- d. *The standard defines the attribute `style:display-name`, contained within the element `<style:master-page>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `style:display-name`, contained within the element `<style:style>`*

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>
- f. *The standard defines the attribute `style:display-name`, contained within the element `<text:list-style>`*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- g. *The standard defines the attribute `style:display-name`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or Excel 2019.

On load, Excel does not read or display a master style name.

- i. *The standard defines the attribute `style:display-name`, contained within the element `<style:style>`*

This attribute is supported in 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>
- j. *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.

- k. *The standard defines the attribute style:display-name*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *The standard defines the attribute style:display-name, contained within the element <style:master-page>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *The standard defines the attribute style:display-name, contained within the element <style:presentation-page-layout>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *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>

- o. *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>`.

#### **2.1.704 Part 1 Section 19.473, `style:distance`**

- a. *The standard defines the attribute `style:distance`, contained within the element `<style:drop-cap>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.705 Part 1 Section 19.474, `style:distance-before-sep`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:distance-before-sep`, contained within the element `<style:footnote-sep>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.706 Part 1 Section 19.475, `style:distance-after-sep`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:distance-after-sep`, contained within the element `<style:footnote-sep>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.707 Part 1 Section 19.476, `style:family`**

- a. *The standard defines the attribute `style:family`, contained within the element `<style:default-style>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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 2013, Word 2016, or Word 2019.

- d. *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 2013, Word 2016, or Word 2019.

- e. *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 2013, Word 2016, or Word 2019.

- f. *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 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.

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>

**OfficeArt Math** in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- g. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:default-style>*

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- h. *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 2013, Word 2016, or Word 2019.

- i. *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 2013, Word 2016, or Word 2019.

- j. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:default-style>*

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- k. *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>

- l. *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 2013, Word 2016, or Word 2019.

- m. *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 2013, Word 2016, or Word 2019.

- n. *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 2013, Word 2016, or Word 2019.

- o. *The standard defines the property "graphic", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in 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.

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>

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- p. *The standard defines the property "paragraph", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- q. *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 2013, Word 2016, or Word 2019.

- r. *The standard defines the property "ruby", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- s. *The standard defines the property "section", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in Word 2013 does not support this enum on save for text in SmartArt and chart titles and labels.

- 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 2013, Word 2016, or Word 2019.

- u. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math in Word 2013 supports this enum on save for text in SmartArt and chart titles and labels.

- v. *The standard defines the attribute style:family*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- w. *The standard defines the attribute style:family, contained within the element <style:default-style>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- x. *The standard defines the property "graphic", contained within the attribute style: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>

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 "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
- z. *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
- aa. *The standard defines the attribute style:family, contained within the element <style:style>*

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>

- bb. *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 2013, Excel 2016, or Excel 2019.

cc. *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>

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

dd. *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 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

ee. *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 2013, Excel 2016, or Excel 2019.

ff. *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

gg. *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 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
- labels

hh. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

This property is supported in 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

ii. *The standard defines the attribute style:family, contained within the element <style:default-style>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

jj. *The standard defines the property "graphic", contained within the attribute style: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>

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>

kk. *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>

ll. *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>

mm. *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>

nn. *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 2013, PowerPoint 2016, or PowerPoint 2019.

oo. *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 2013, PowerPoint 2016, or PowerPoint 2019.

pp. *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>

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>

qq. *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>

rr. *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 2013, PowerPoint 2016, or PowerPoint 2019.

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>.

ss. *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 2013, PowerPoint 2016, or PowerPoint 2019.

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>.

tt. *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 2013, PowerPoint 2016, or PowerPoint 2019.

uu. *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 2013, PowerPoint 2016, or PowerPoint 2019.

vv. *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 2013, PowerPoint 2016, or PowerPoint 2019.

ww. *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 2013, PowerPoint 2016, or PowerPoint 2019.

xx. *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 2013, PowerPoint 2016, or PowerPoint 2019.

yy. *The standard defines the property "text", contained within the attribute style:family, contained within the element <style:style>*

OfficeArt Math h 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>

## **2.1.708 Part 1 Section 19.477, style:filter-name**

a. *The standard defines the attribute style:filter-name, contained within the element <style:background-image>*



This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

## 2.1.709 Part 1 Section 19.478, style:font-adornments

- a. *The standard defines the attribute style:font-adornments, contained within the element <style:font-face>*

This attribute is not supported in 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 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.

### 2.1.710 Part 1 Section 19.479, style:font-charset

- a. *The standard defines the attribute style:font-charset, contained within the element <style:font-face>*

This attribute is not supported in 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:text-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *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.

- d. *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.

- e. *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.

- f. *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 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute style:font-charset, contained within the element <style:text-properties>*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel supports only the value "x-symbol" to identify symbol fonts.

- h. *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 2013, Excel 2016, or Excel 2019.

- i. *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

- j. *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 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.

- k. *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.

- 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.

## 2.1.711 Part 1 Section 19.480, style:font-family-generic

- a. *The standard defines the attribute style:font-family-generic, contained within the element <style:font-face>*

**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:text-properties>*

This attribute is not supported in 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, 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.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute style:font-family-generic, 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

- f. *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.

- 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>.

## **2.1.712 Part 1 Section 19.481, style:font-pitch**

- a. *The standard defines the attribute style:font-pitch, contained within the element <style:font-face>*

**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:text-properties>`*

This attribute is not supported in 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`, 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.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `style:font-pitch`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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`, 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.

- 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>`.

### **2.1.713 Part 1 Section 19.482, `style:height`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.



## 2.1.714 Part 1 Section 19.483, style:leader-char

- a. *The standard defines the attribute style:leader-char, contained within the element <text:index-entry-tab-stop>*

This attribute is supported in 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.

## 2.1.715 Part 1 Section 19.484, style:leader-color

- a. *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.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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>

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *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>.

## 2.1.716 Part 1 Section 19.485, style:leader-style

- a. *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.

- b. *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 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.

- c. *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 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.

- d. *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 2013, Word 2016, or Word 2019.

- e. *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 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 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:leader-style, contained within the element <style:tab-stop>, contained within the parent element <style:tab-stops>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *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>.

### **2.1.717 Part 1 Section 19.486, style:leader-text**

- a. *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.

- b. *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 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.

- c. *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>
- d. *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 2013, Excel 2016, or Excel 2019.

- e. *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>.

### **2.1.718 Part 1 Section 19.487, style:leader-text-style**

- a. *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.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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>
- d. *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 2013, Excel 2016, or Excel 2019.

- e. *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>.

### **2.1.719 Part 1 Section 19.488, style:leader-type**

- a. *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.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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>

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *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>`.

### **2.1.720 Part 1 Section 19.489, `style:leader-width`**

- a. *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.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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 2013, Excel 2016, or Excel 2019.

- d. *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>`.

### **2.1.721 Part 1 Section 19.490, style:legend-expansion**

- a. *The standard defines the attribute style:legend-expansion*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.722 Part 1 Section 19.491, style:legend-expansion-aspect-ratio**

- a. *The standard defines the attribute style:legend-expansion-aspect-ratio*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.723 Part 1 Section 19.492, style:length**

- a. *The standard defines the attribute style:length, contained within the element <style:drop-cap>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.724 Part 1 Section 19.493, style:line-style**

- a. *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 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".

- b. *The standard defines the attribute style:line-style, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.725 Part 1 Section 19.494, style:lines**

- a. *The standard defines the attribute style:lines, contained within the element <style:drop-cap>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.726 Part 1 Section 19.496, style:list-style-name**

- a. *The standard defines the attribute style:list-style-name, contained within the element <style:style>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute style:list-style-name, contained within the element <style:style>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.727 Part 1 Section 19.497, style:master-page-name**

- a. *The standard defines the attribute style:master-page-name, contained within the element <style:style>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

On load, Word reads in the master-page properties but store them in multiple different levels (page or section).

On load, if Word cannot find any references to master page styles, then it generates a new master-page and assigns it application default properties.

On save, Word creates a new master-page and associates it with a new application generated name.

- b. *The standard defines the attribute `style:master-page-name`, contained within the element `<style:style>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.728 Part 1 Section 19.498, `style:name`**

- a. *The standard defines the attribute `style:name`, contained within the element `<style:font-face>`*

**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: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>`

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.

- c. *The standard defines the attribute `style:name`, contained within the element `<text:list-style>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- d. *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.

- e. *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 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.

- f. *The standard defines the attribute style:name, contained within the element <style:style>*

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

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 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.

i. *The standard defines the attribute style:name, contained within the element <style:master-page>*

This attribute is supported in 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.

j. *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>

k. *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>.

### **2.1.729 Part 1 Section 19.499, style:next-style-name**

- a. *The standard defines the attribute style:next-style-name, contained within the element <style:master-page>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

93. 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.
94. 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.

- b. *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 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:next-style-name, contained within the element <style:style>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute style:next-style-name, contained within the element <style:master-page>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *The standard defines the attribute style:next-style-name, contained within the element <style:style>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.730 Part 1 Section 19.500, style:num-format**

- a. *The standard defines the attribute style:num-format*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

See Section 12.2.2 for supported formats.

- b. *The standard defines the property "[string]", contained within the attribute style:num-format*

This property is supported in Word 2013, Word 2016, and Word 2019.

95. On load, numbering formats that are not familiar to Word are displayed using the Arabic numeral format (1, 2, 3...).

96. 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, 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, ...

イ , ロ , ハ , ...

イ , ロ , ハ , ...

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 , ϑ , ϑ , ...

๑ , ๒ , ๓ , ...

A, Ç, Ğ, ...

a, ç, ğ, ...

A, Ў, Ђ, ...

a, ў, ђ, ...

A, B, Γ, ...

α, β, γ, ...

001,002, 003, ...

0001,0002, 0003, ...

00001,00002, 00003, ...

- c. *The standard defines the attribute style:num-format, contained within the element <text:linenumbers-configuration>*

This attribute is not supported in 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, ...).

- d. *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>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

97. On load, numbering formats that are not familiar to Word will be displayed using the Arabic numeral format (1, 2, 3...).

98. 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, 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, ...

一, 二, 三, ...  
 一, 二, 三, ...  
 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), ...  
 □□□□, ௪௦௩, ௪௧௩, ...  
 π, ϖ, ϑ, ...  
 ๑, ๒, ๓, ...  
 A, Ç, Ĝ, ...  
 a, ç, ĝ, ...  
 A, Ў, Ђ, ...  
 a, ъ, ѳ, ...  
 A, B, Γ, ...  
 α, β, γ, ...  
 001,002, 003, ...  
 0001,0002, 0003, ...  
 00001,00002, 00003, ...

- e. The standard defines the attribute `style:num-format`, contained within the element `<text:notes-configuration>`

This attribute is supported in Word 2013, Word 2016, and Word 2019.



99. On load, numbering formats that are not familiar to Word will be displayed using the Arabic numeral format (1, 2, 3...).
100. 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, ρ, 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, ㄱ, 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), ...  
□□□□, ஸ ஐ ங , ஸ ௮ டு , ...  
π , π , π , ...  
๑ , ๒ , ๓ , ...

- f. *The standard defines the attribute style:num-format, contained within the element <text:page-number>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

101. On load, numbering formats that are not familiar to Word will be displayed using the Arabic numeral format (1, 2, 3...).
102. 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, λ, μ, ν, ...  
κ, γ, 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, ロ, ハ, ...  
イ, ロ, ハ, ...  
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), ...

□□□□, ஸ ல ங , ஸ ா ழ , ...

π , π , π , ...

๑ ,๒ ,๓ , ...

- g. *The standard defines the attribute `style:num-format`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *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.

- 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.

103. 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.
104. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "a":
- "alphaLcParenBoth"
  - "alphaLcParenR"
  - "alphaLcPeriod"
105. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "A":
- "alphaUcParenBoth"
  - "AlphaUcParenR"
  - "AlphaUcPeriod"
106. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "1":
- "arabicParenBoth"
  - "arabicParenR"
  - "arabicPeriod"
  - "arabicPlain"
  - "circleNumWdBlackPlain"
  - "circleNumWdWhitePlain"
107. 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"
108. On save, "buAutoNum" equals the value "arabic1Minus" is written as style:num-format equals the value "أ , ب , ت , ...".
109. On save, "buAutoNum" equals the value "arabic2Minus" is written as style:num-format equals the value "ا , ب , ج , ...".
110. On save, "buAutoNum" equals the value "arabicDbPeriod" is written as style:num-format equals the value "1, 2, 3, ...".
111. On save, "buAutoNum" equals the value "arabicDbPlain" is written as style:num-format equals the value "1, 2, 3, ...".
112. On save, "buAutoNum" equals the value "circleNumDbPlain" is written as style:num-format equals the value "①, ②, ③, ...".
113. On save, "buAutoNum" equals the value "hebrew2Minus" is written as style:num-format equals the value "א , ב , ג , ...".
114. On save, "buAutoNum" equals the value "hindiAlpha1Period" is written as style:num-format equals the value "क , ख , ग , ...".
115. On save, "buAutoNum" equals the value "hindiAlphaPeriod" is written as style:num-format equals the value "अ , आ , इ , ...".

116. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "१ , २ , ३ , ...":

- "hindiNumParenR"
- "hindiNumPeriod"

117. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "i":

- "romanLcParenBoth"
- "romanLcParenR"
- "RomanLcPeriod"

118. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "I":

- "romanUcParenBoth"
- "romanUcParenR"
- "RomanUcPeriod"

119. On save, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "๓ , ๔ , ๕ , ...":

- "thaiAlphaParenBoth"
- "thaiAlphaParenR"
- "thaiAlphaPeriod"

120. 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 <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

k. *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>.

l. *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>

121. 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.

122. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "a":

- "alphaLcParenBoth"
- "alphaLcParenR"
- "alphaLcPeriod"

123. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "A":

- "alphaUcParenBoth"
- "AlphaUcParenR"
- "AlphaUcPeriod"

124. On write, the following "buAutoNum" values from OOXML are written as style:num-format equals the value "1":

- "arabicParenBoth"
- "arabicParenR"
- "arabicPeriod"
- "arabicPlain"
- "circleNumWdBlackPlain"
- "circleNumWdWhitePlain"

125. 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"

126. On write, "buAutoNum" equals the value "arabic1Minus" is written as style:num-format equals the value "أ, ب, ت, ...".

127. On write, "buAutoNum" equals the value "arabic2Minus" is written as style:num-format equals the value "إ, ب, ج, ...".

128. On write, "buAutoNum" equals the value "arabicDbPeriod" is written as style:num-format equals the value "1., 2., 3., ...".

129. On write, "buAutoNum" equals the value "arabicDbPlain" is written as style:num-format equals the value "1, 2, 3, ...".
130. On write, "buAutoNum" equals the value "circleNumDbPlain" is written as style:num-format equals the value "①, ②, ③, ...".
131. On write, "buAutoNum" equals the value "hebrew2Minus" is written as s

### 2.1.731 Part 1 Section 19.501, style:num-letter-sync

- a. *The standard defines the attribute style:num-letter-sync, contained within the element <text:linenumbering-configuration>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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.

- c. *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.

132. 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"
- d. *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>
- e. *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>

133. On read, this property is ignored.

134. 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"

### **2.1.732 Part 1 Section 19.502, style:num-prefix**

- a. *The standard defines the attribute style:num-prefix, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2013, Word 2016, or 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 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-prefix`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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.

- e. *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.

135. 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 "(".

136. 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.

- f. *The standard defines the attribute style:num-prefix, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- g. *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>.

- h. *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.

### 2.1.733 Part 1 Section 19.503, style:num-suffix

- a. *The standard defines the attribute style:num-suffix, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:num-suffix, contained within the element <text:list-level-style-bullet>*

This attribute is not supported in 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 <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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.

- 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.

137. 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.

138. 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"

139. 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"

140. On save, the following "buAutoNum" values from OOXML are written as style:num-suffix equals the value "-":

- "arabic1Minus"
- "arabic2Minus"
- "hebrew2Minus"

141. 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-suffix, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- g. *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>.

- h. *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>

142. 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".

143. 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"

144. On write, the following "buAutoNum" values from OOXML are written as style:num-suffix equals the value "-":

- "arabic1Minus"
- "arabic2Minus"
- "hebrew2Minus"

145. On write, value "buAutoNum" equals "ea1JpnChsDbPeriod" is written as style:num-suffix equals the value ". " (double byte UNICODE character FF0E).

146. 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.

#### **2.1.734 Part 1 Section 19.504, style:page-layout-name**

a. *The standard defines the attribute style:page-layout-name, contained within the element <style:master-page>*

This attribute is supported in 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.

#### **2.1.735 Part 1 Section 19.505, style:page-usage**

a. *The standard defines the attribute style:page-usage, contained within the element <style:page-layout>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

b. *The standard defines the attribute style:page-usage, contained within the element <style:page-layout>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the attribute style:page-usage, contained within the element <style:page-layout>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.736 Part 1 Section 19.506, style:parent-style-name**

a. *The standard defines the attribute style:parent-style-name, 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>

**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:parent-style-name`, contained within the element `<style:style>`*

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
- c. *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>`

## **2.1.737 Part 1 Section 19.508, `style:position`**

- a. *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.

- b. *The standard defines the attribute `style:position`, contained within the element `<text:index-entry-tab-stop>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `style:position`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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>`

- e. *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 2013, Excel 2016, or Excel 2019.

- f. *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>`.

### **2.1.738 Part 1 Section 19.509, `style:rel-height`**

- a. *The standard defines the attribute `style:rel-height`, contained within the element `<draw:frame>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- 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 `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.

- d. *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.

### **2.1.739 Part 1 Section 19.510, style:rel-width**

- a. *The standard defines the attribute style:rel-width, contained within the element <draw:frame>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Word 2016, and Word 2019.

On load, all values for the style:rel-width attribute map to a default footnote separator width.

- c. *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.

- d. *The standard defines the attribute style:rel-width, contained within the element <style:table-properties>*

This attribute is supported in 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.

- e. *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 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute style:rel-width, contained within the element <style:footnote-sep>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *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.

- h. *The standard defines the attribute style:rel-width, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *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.

### **2.1.740 Part 1 Section 19.511, style:repeat**

- 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:background-image>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *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>

- d. *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>

### **2.1.741 Part 1 Section 19.514, style:style-name**

- a. *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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:style-name, contained within the element <style:drop-cap>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.742 Part 1 Section 19.515, style:type**

- a. *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.

- b. *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 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.

- c. *The standard defines the attribute style:type, contained within the element <text:index-entry-tab-stop>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *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.

- e. *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 2013, Excel 2016, or Excel 2019.

- f. *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.

### **2.1.743 Part 1 Section 19.516, `style:vertical-align`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:vertical-align`, 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:vertical-align`, contained within the element `<style:column-sep>`, contained within the parent element `<style:columns>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `style:vertical-align`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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>`

- e. *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 2013, Excel 2016, or Excel 2019.

On load, Excel maps the vertical alignment property to automatic.

- f. *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>.

#### **2.1.744 Part 1 Section 19.517, style:volatile**

- a. *The standard defines the attribute style:volatile*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:volatile, contained within the element <number:date-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute style:volatile, contained within the element <number:time-style>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

147. On load, Word reads the <number:time-style> element and converts it to the matching <text:date-style> element.

148. On save, Word does not write out time fields or time styles.

- d. *The standard defines the attribute style:volatile*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute style:volatile*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.745 Part 1 Section 19.518, style:width**

- a. *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 2013, Word 2016, or Word 2019.



- b. *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 2013, Word 2016, and Word 2019.

On load, all values for the `style:width` attribute map to a default footnote separator width.

- c. *The standard defines the attribute `style:width`, contained within the element `<style:table-properties>`*

This attribute is supported in 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.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `style:width`, contained within the element `<style:footnote-sep>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `style:width`, contained within the element `<style:table-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.746 Part 1 Section 19.519, `svg:accent-height`**

- a. *The standard defines the attribute `svg:accent-height`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.747 Part 1 Section 19.520, `svg:alphabetic`**

- a. *The standard defines the attribute `svg:alphabetic`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.748 Part 1 Section 19.521, `svg:ascent`**

- a. *The standard defines the attribute `svg:ascent`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.749 Part 1 Section 19.522, svg:bbbox**

- a. *The standard defines the attribute `svg:bbbox`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `svg:bbbox`, contained within the element `<style:font-face>`, contained within the parent element `<office:font-face-decls>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.750 Part 1 Section 19.523, svg:cap-height**

- a. *The standard defines the attribute `svg:cap-height`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.751 Part 1 Section 19.527, svg:descent**

- a. *The standard defines the attribute `svg:descent`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.752 Part 1 Section 19.528, svg:font-family**

- a. *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 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.

### **2.1.753 Part 1 Section 19.529, svg:font-size**

- a. *The standard defines the attribute `svg:font-size`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

## **2.1.754 Part 1 Section 19.530, `svg:font-stretch`**

- a. *The standard defines the attribute `svg:font-stretch`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

- c. *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 2013, Excel 2016, or Excel 2019.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *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 2013, Excel 2016, or Excel 2019.

- f. *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 2013, Excel 2016, or Excel 2019.

- g. *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 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or Excel 2019.

- i. *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 2013, Excel 2016, or Excel 2019.

- j. *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 2013, Excel 2016, or Excel 2019.

- k. *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 2013, Excel 2016, or Excel 2019.

### **2.1.755 Part 1 Section 19.531, `svg:font-style`**

- a. *The standard defines the attribute `svg:font-style`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.756 Part 1 Section 19.532, `svg:font-variant`**

- a. *The standard defines the attribute `svg:font-variant`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.757 Part 1 Section 19.533, `svg:font-weight`**

- a. *The standard defines the attribute `svg:font-weight`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.758 Part 1 Section 19.538, `svg:hanging`**

- a. *The standard defines the attribute `svg:hanging`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.759 Part 1 Section 19.539, `svg:height`**

- a. *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>
- b. *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>
- c. *The standard defines the attribute `svg:height`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *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.

- e. *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>
- f. *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>
- g. *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.

- h. *The standard defines the attribute `svg:height`, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *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>
- j. *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>
- k. *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.

### **2.1.760 Part 1 Section 19.540, `svg:ideographic`**

- a. *The standard defines the attribute `svg:ideographic`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.761 Part 1 Section 19.541, `svg:mathematical`**

- a. *The standard defines the attribute `svg:mathematical`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.762 Part 1 Section 19.542, `svg:name`**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.763 Part 1 Section 19.545, `svg:overline-position`**

- a. *The standard defines the attribute `svg:overline-position`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.764 Part 1 Section 19.546, svg:overline-thickness**

- a. *The standard defines the attribute `svg:overline-thickness`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.765 Part 1 Section 19.547, svg:panose-1**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.766 Part 1 Section 19.552, svg:slope**

- a. *The standard defines the attribute `svg:slope`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.767 Part 1 Section 19.554, svg:stemh**

- a. *The standard defines the attribute `svg:stemh`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.768 Part 1 Section 19.555, svg:stemv**

- a. *The standard defines the attribute `svg:stemv`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.769 Part 1 Section 19.558, svg:strikethrough-position**

- a. *The standard defines the attribute `svg:strikethrough-position`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.



- b. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.770 Part 1 Section 19.559, `svg:strikethrough-thickness`**

- a. *The standard defines the attribute `svg:strikethrough-thickness`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.771 Part 1 Section 19.560, `svg:string`**

- a. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.772 Part 1 Section 19.562, `svg:underline-position`**

- a. *The standard defines the attribute `svg:underline-position`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.773 Part 1 Section 19.563, `svg:underline-thickness`**

- a. *The standard defines the attribute `svg:underline-thickness`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.774 Part 1 Section 19.564, `svg:unicode-range`**

- a. *The standard defines the attribute `svg:unicode-range`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.775 Part 1 Section 19.565, svg:units-per-em**

- a. *The standard defines the attribute `svg:units-per-em`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.776 Part 1 Section 19.566, svg:v-alphabetic**

- a. *The standard defines the attribute `svg:v-alphabetic`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.777 Part 1 Section 19.567, svg:v-hanging**

- a. *The standard defines the attribute `svg:v-hanging`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.778 Part 1 Section 19.568, svg:v-ideographic**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.779 Part 1 Section 19.569, svg:v-mathematical**

- a. *The standard defines the attribute `svg:v-mathematical`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

## **2.1.780 Part 1 Section 19.570, `svg:viewBox`**

- a. *The standard defines the attribute `svg:viewBox`*

Word 2013 supports this attribute for the following elements:

- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:path>`

- b. *The standard defines the attribute `svg:viewBox`*

Excel 2013 supports this attribute for the following elements:

- `draw:polyline`
- `draw:polygon`
- `draw:path`

- c. *The standard defines the attribute `svg:viewBox`*

PowerPoint 2013 supports this attribute for the following elements:

- `<draw:polyline>`
- `<draw:polygon>`
- `<draw:path>`

## **2.1.781 Part 1 Section 19.571, `svg:width`**

- a. *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>`

- b. *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>
- c. *The standard defines the attribute `svg:width`, contained within the element `<office:annotation>`*
- This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- d. *The standard defines the attribute `svg:width`, contained within the element `<style:font-face>`*
- This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- e. *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.
- f. *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>
- g. *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>
- h. *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.

i. *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>

j. *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>

k. *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.

### **2.1.782 Part 1 Section 19.572, `svg:widths`**

a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.783 Part 1 Section 19.573, `svg:x`**

a. *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>

b. *The standard defines the attribute `svg:x`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

c. *The standard defines the attribute `svg:x`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

d. *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>

e. *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>

## **2.1.784 Part 1 Section 19.576, svg:x-height**

- a. *The standard defines the attribute `svg:x-height`, contained within the element `<style:font-face>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

## **2.1.785 Part 1 Section 19.577, svg:y**

- a. *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>`

- b. *The standard defines the attribute `svg:y`, contained within the element `<draw:g>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `svg:y`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `svg:y`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *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>
- f. *The standard defines the attribute `svg:y`, contained within the element `<draw:g>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *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>

- h. *The standard defines the attribute `svg:y`, contained within the element `<draw:g>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.786 Part 1 Section 19.584, table:application-data**

- a. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.787 Part 1 Section 19.585, table:automatic-find-labels**

- a. *The standard defines the attribute `table:automatic-find-labels`, contained within the element `<table:calculation-settings>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.788 Part 1 Section 19.586, table:base-cell-address**

- a. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.789 Part 1 Section 19.587, table:bind-styles-to-content**

- a. *The standard defines the attribute `table:bind-styles-to-content`, contained within the element `<table:sort>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.



- b. *The standard defines the attribute `table:bind-styles-to-content`, contained within the element `<table:subtotal-rules>`*

This attribute is supported in Word 2013, Word 2016, and Word 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 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:bind-styles-to-content`, contained within the element `<table:subtotal-rules>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.790 Part 1 Section 19.588, `table:border-color`**

- a. *The standard defines the attribute `table:border-color`, contained within the element `<table:scenario>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.791 Part 1 Section 19.589, `table:buttons`**

- a. *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 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.

### **2.1.792 Part 1 Section 19.590, `table:case-sensitive`**

- a. *The standard defines the attribute `table:case-sensitive`, contained within the element `<table:calculation-settings>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute `table:case-sensitive`, contained within the element `<table:filter-condition>`*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

### **2.1.793 Part 1 Section 19.593, `table:cell-range-address`**

- a. *The standard defines the attribute `table:cell-range-address`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute `table:cell-range-address`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *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 2013, Excel 2016, and Excel 2019.

#### **2.1.794 Part 1 Section 19.596, `table:condition`**

- a. *The standard defines the attribute `table:condition`, contained within the element `<table:content-validation>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

149. Excel does not support the function `cell-content-is-text()`, and data validation is lost in this case.

#### **2.1.795 Part 1 Section 19.597, `table:condition-source`**

- a. *The standard defines the attribute `table:condition-source`, contained within the element `<table:filter>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

Excel assumes the default filter, "condition-source: self".

#### **2.1.796 Part 1 Section 19.598, `table:condition-source-range-address`**

- a. *The standard defines the attribute `table:condition-source-range-address`, contained within the element `<table:filter>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.797 Part 1 Section 19.599, `table:contains-error`**

- a. *The standard defines the attribute `table:contains-error`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.798 Part 1 Section 19.601, `table:content-validation-name`**

- a. *The standard defines the attribute `table:content-validation-name`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:content-validation-name`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `table:content-validation-name`, contained within the element `<table:table-cell>`*

### **2.1.799 Part 1 Section 19.602, table:copy-back**

- a. *The standard defines the attribute table:copy-back, contained within the element <table:scenario>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

On load, Excel ignores this attribute. On save, Excel writes it out as false.

### **2.1.800 Part 1 Section 19.603, table:copy-formulas**

- a. *The standard defines the attribute table:copy-formulas, contained within the element <table:scenario>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.801 Part 1 Section 19.604, table:copy-styles**

- a. *The standard defines the attribute table:copy-styles, contained within the element <table:scenario>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.802 Part 1 Section 19.606, table:country**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.803 Part 1 Section 19.608, table:data-cell-range-address**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.804 Part 1 Section 19.609, table:database-name**

- a. *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 2013, Excel 2016, and Excel 2019.

Excel stores the connection string in the name attribute because it is the unique identifier.

- b. *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 2013, Excel 2016, and Excel 2019.

Excel stores the connection string in the name attribute because it is the unique identifier.

- 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 2013, Excel 2016, and Excel 2019.

Excel stores the connection string in the name attribute because it is the unique identifier.

### **2.1.805 Part 1 Section 19.611, table:data-type**

- a. *The standard defines the attribute table:data-type, contained within the element <table:filter-condition>*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Color, icon, and some dynamic filters are not saved.

- 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 2013, Excel 2016, and Excel 2019.

150. For custom list sorts, Excel writes out the entire custom list.

151. Excel does not save color and icon sorts.

152. Excel does not write out the text or numeric types. It loads both as automatic.

- c. *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 2013, Excel 2016, or Excel 2019.

### **2.1.806 Part 1 Section 19.614, table:date-value**

- a. *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 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.

### **2.1.807 Part 1 Section 19.615, table:default-cell-style-name**

- a. *The standard defines the attribute table:default-cell-style-name, contained within the element <table:table-column>*

This attribute is supported in 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.

- b. *The standard defines the attribute table:default-cell-style-name, contained within the element <table:table-row>*

This attribute is supported in 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:default-cell-style-name*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute table:default-cell-style-name, contained within the element <table:table-column>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:default-cell-style-name`, contained within the element `<table:table-row>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `table:style-name`, contained within the element `<table:table-row>`*

### **2.1.808 Part 1 Section 19.616, `table:direction`**

- a. *The standard defines the attribute `table:direction`, contained within the element `<table:detective>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.809 Part 1 Section 19.617, `table:display`**

- a. *The standard defines the attribute `table:display`, contained within the element `<style:table-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:display`, contained within the element `<table:table-column-group>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:display`, contained within the element `<table:table-row-group>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.810 Part 1 Section 19.618, `table:display-border`**

- a. *The standard defines the attribute `table:display-border`, contained within the element `<table:scenario>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.811 Part 1 Section 19.619, `table:display-duplicates`**

- a. *The standard defines the attribute `table:display-duplicates`, contained within the element `<table:filter>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.812 Part 1 Section 19.621, `table:display-list`**

- a. *The standard defines the attribute `table:display-list`, contained within the element `<table:content-validation>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

If `table:display-list` is set to "sort-ascending", Excel loads and saves data as unsorted.

### **2.1.813 Part 1 Section 19.625, table:enabled**

- a. *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 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.

### **2.1.814 Part 1 Section 19.627, table:end-cell-address**

- a. *The standard defines the attribute table:end-cell-address, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <table:end-cell-address>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute table:end-cell-address*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute table:end-cell-address, contained within the element <office:annotation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.815 Part 1 Section 19.632, table:end-x**

- a. *The standard defines the attribute table:end-x, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <table:end-x>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute table:end-x*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute table:end-x, contained within the element <office:annotation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.816 Part 1 Section 19.633, table:end-y**

- a. *The standard defines the attribute table:end-y, contained within the element <office:annotation>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the element <table:end-y>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `table:end-y`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:end-y`, contained within the element `<office:annotation>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.817 Part 1 Section 19.637, `table:field-number`**

- a. *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 2013, Excel 2016, and Excel 2019.

On save, Excel writes out a zero-based field number.

- b. *The standard defines the attribute `table:field-number`, contained within the element `<table:subtotal-field>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.818 Part 1 Section 19.638, `table:filter-name`**

- a. *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 2013, Excel 2016, or Excel 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 2013, Excel 2016, or Excel 2019.

### **2.1.819 Part 1 Section 19.639, `table:filter-options`**

- a. *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 2013, Excel 2016, or Excel 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

### **2.1.820 Part 1 Section 19.642, `table:formula`**

- a. *The standard defines the attribute `table:formula`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:formula`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `table:formula`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:formula`, contained within the element `<table:table-cell>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

153. When saving the `table:formula` attribute, Excel precedes the formula string with the "of" namespace.
154. When saving the `table:formula` attribute, Excel saves a formula string that follows [\[ODF1.2\]](#) part 2.
155. 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.
156. Formulas using the 'of' namespace and those without a namespaces are expected to follow [Oasis ODF 1.2] part 2.
157. 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.
158. 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!
- e. *The standard defines the attribute `table:formula`, contained within the element `<table:table-cell>`*

### **2.1.821 Part 1 Section 19.643, `table:function`**

- a. *The standard defines the attribute `table:function`, contained within the element `<table:consolidation>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

On load, string values that don't match the explicitly listed enumerated values are converted to "auto".

- 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 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 attribute `table:function`, contained within the element `<table:subtotal-field>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.822 Part 1 Section 19.645, `table:group-by-field-number`**

- a. *The standard defines the attribute `table:group-by-field-number`, contained within the element `<table:subtotal-rule>`*



This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.823 Part 1 Section 19.646, table:grouped-by**

- a. *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 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.

### **2.1.824 Part 1 Section 19.649, table:identify-categories**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.825 Part 1 Section 19.650, table:ignore-empty-rows**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.826 Part 1 Section 19.651, table:index**

- a. *The standard defines the attribute table:index, contained within the element <table:operation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.827 Part 1 Section 19.654, table:is-selection**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.828 Part 1 Section 19.655, table:is-sub-table**

- a. *The standard defines the attribute table:is-sub-table, contained within the element <table:table>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:is-sub-table, contained within the element <table:table>*

### **2.1.829 Part 1 Section 19.656, table:label-cell-range-address**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.830 Part 1 Section 19.657, table:language**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.831 Part 1 Section 19.663, table:link-to-source-data**

- a. *The standard defines the attribute table:link-to-source-data, contained within the element <table:consolidation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.832 Part 1 Section 19.664, table:marked-invalid**

- a. *The standard defines the attribute table:marked-invalid, contained within the element <table:detective>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.833 Part 1 Section 19.671, table:mode**

- a. *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 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.

- b. *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 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".

### **2.1.834 Part 1 Section 19.673, table:name**

- a. *The standard defines the attribute table:name, contained within the element <table:table>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:name, contained within the element <table:content-validation>*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

The table:name attribute is required, Excel doesn't load the validation if this attribute is missing.

- c. *The standard defines the attribute table:name, contained within the element <table:operation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *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 2013, Excel 2016, and Excel 2019.

Excel supports sheet names that are shorter than 32 characters.

- f. *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 2013, Excel 2016, or Excel 2019.

### **2.1.835 Part 1 Section 19.675, table:number-columns-repeated**

- a. *The standard defines the attribute table:number-columns-repeated, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:number-columns-repeated, contained within the element <table:table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute table:number-columns-repeated, contained within the element <table:table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute table:number-columns-repeated, contained within the element <table:table-column>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.836 Part 1 Section 19.675.3, table:table-cell**

- a. *The standard defines the attribute table:number-columns-repeated, contained within the element <table:table-cell>*

### **2.1.837 Part 1 Section 19.676, table:number-columns-spanned**

- a. *The standard defines the attribute table:number-columns-spanned*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute table:number-columns-spanned, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:number-columns-spanned`, contained within the element `<table:table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.838 Part 1 Section 19.677, `table:number-rows-repeated`**

- a. *The standard defines the attribute `table:number-rows-repeated`, contained within the element `<table:table-row>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:number-rows-repeated`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute, but does not write it on save.

- c. *The standard defines the attribute `table:number-rows-repeated`, contained within the element `<table:table-row>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:number-rows-repeated`, contained within the element `<table:table-row>`*

### **2.1.839 Part 1 Section 19.678, `table:number-rows-spanned`**

- a. *The standard defines the attribute `table:number-rows-spanned`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute `table:number-rows-spanned`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:number-rows-spanned`, contained within the element `<table:table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.840 Part 1 Section 19.679, `table:number-matrix-columns-spanned`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:number-matrix-columns-spanned`, contained within the element `<table:table-cell>`*

#### **2.1.841 Part 1 Section 19.680, `table:number-matrix-rows-spanned`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:number-matrix-rows-spanned`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `table:number-matrix-rows-spanned`, contained within the element `<table:covered-table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:number-matrix-rows-spanned`, contained within the element `<table:table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.842 Part 1 Section 19.681, `table:object-name`**

- a. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.843 Part 1 Section 19.682, `table:on-update-keep-size`**

- a. *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 2013, Excel 2016, and Excel 2019.

This value maps to "Insert/Delete" on refresh.

- b. *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 2013, Excel 2016, and Excel 2019.

This value maps to "Overwrite/Clear" on refresh.

#### **2.1.844 Part 1 Section 19.684, `table:operator`**

- a. *The standard defines the attribute `table:operator`, contained within the element `<table:filter-condition>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Some operators are not supported for Pivot Table Filters, for example, "bottom values" and "top values".

#### **2.1.845 Part 1 Section 19.685, table:order**

- a. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.846 Part 1 Section 19.686, table:orientation**

- a. *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 2013, Excel 2016, or Excel 2019.

- b. *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 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.

- c. *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 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.

- 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 2013, Excel 2016, or Excel 2019.

#### **2.1.847 Part 1 Section 19.687, table:page-breaks-on-group-change**

- a. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.848 Part 1 Section 19.689, table:parse-sql-statement**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.849 Part 1 Section 19.690, table:password**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.850 Part 1 Section 19.693, table:print**

- a. *The standard defines the attribute table:print, contained within the element <table:table>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:print*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *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 2013, Excel 2016, or Excel 2019.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute table:print, contained within the element <table:table>*

### **2.1.851 Part 1 Section 19.694, table:print-ranges**

- a. *The standard defines the attribute table:print-ranges, contained within the element <table:table>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:print-ranges*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *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 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute table:print-ranges, contained within the element <table:table>*

### **2.1.852 Part 1 Section 19.695, table:protect**

- a. *The standard defines the attribute table:protect*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute table:protect, contained within the element <table:table-cell>*

### **2.1.853 Part 1 Section 19.696, table:protected**

- a. *The standard defines the attribute table:protected, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:protected`, contained within the element `<table:table>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `table:protected`, contained within the element `<table:table-cell>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `table:protected`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *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 2013, Excel 2016, or Excel 2019.

#### **2.1.854 Part 1 Section 19.696.4, `table:table`**

- a. *The standard defines the attribute `table:protected`, contained within the element `<table:table>`*

#### **2.1.855 Part 1 Section 19.696.5, `table:table-cell`**

- a. *The standard defines the attribute `table:protected`, contained within the element `<table:table-cell>`*

#### **2.1.856 Part 1 Section 19.697, `table:protection-key`**

- a. *The standard defines the attribute `table:protection-key`, contained within the element `<table:table>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:protection-key`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:protection-key`, contained within the element `<office:spreadsheet>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

Excel does not load a workbook if a protection-key is specified.

- d. *The standard defines the attribute `table:protection-key`, contained within the element `<table:table>`*

#### **2.1.857 Part 1 Section 19.698, `table:protection-key-digest-algorithm`**

- a. *The standard defines the attribute `table:protection-key-digest-algorithm`, contained within the element `<table:table>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `table:protection-key-digest-algorithm`, contained within the element `<table:table>`*



### **2.1.858 Part 1 Section 19.700, table:range-usable-as**

- a. *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 2013, Excel 2016, or Excel 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

- c. *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 2013, Excel 2016, or Excel 2019.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *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 2013, Excel 2016, or Excel 2019.

### **2.1.859 Part 1 Section 19.701, table:refresh-delay**

- a. *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 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.

- b. *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 2013, Excel 2016, and Excel 2019.

This value maps to the feature being off.

- c. *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 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'.

- d. *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 2013, Excel 2016, or Excel 2019.

### **2.1.860 Part 1 Section 19.708, table:selected-page**

- a. *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 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.

### **2.1.861 Part 1 Section 19.711, table:show-filter-button**

- a. *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 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".

### **2.1.862 Part 1 Section 19.713, table:source-cell-range-addresses**

- a. *The standard defines the attribute table:source-cell-range-addresses, contained within the element <table:consolidation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.863 Part 1 Section 19.715, table:source-name**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.864 Part 1 Section 19.726, table:style-name**

- a. *The standard defines the attribute table:style-name, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:style-name, contained within the element <table:table>*

This attribute is supported in 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.

- c. *The standard defines the attribute table:style-name, contained within the element <table:table-cell>*

This attribute is supported in 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.

- d. *The standard defines the attribute table:style-name, contained within the element <table:table-column>*

This attribute is supported in 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. Word requires a valid table:style-name attribute for a table:table-column element.

- e. *The standard defines the attribute table:style-name, contained within the element <table:table-row>*

This attribute is supported in 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.

- f. *The standard defines the attribute table:style-name*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute table:style-name, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute table:style-name, contained within the element <table:table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute table:style-name, contained within the element <table:table-column>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute table:style-name, contained within the element <table:table-row>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

## **2.1.865 Part 1 Section 19.728, table:table-background**

- a. *The standard defines the element <table:table-background>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:table-background*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.866 Part 1 Section 19.730, table:target-cell-address**

- a. *The standard defines the attribute table:target-cell-address, contained within the element <table:consolidation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

**2.1.867 Part 1 Section 19.732, table:template-name**

- a. *The standard defines the attribute table:template-name, contained within the element <table:table>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

**2.1.868 Part 1 Section 19.736, table:use-banding-columns-styles**

- a. *The standard defines the attribute table:use-banding-columns-styles, contained within the element <table:table>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

**2.1.869 Part 1 Section 19.737, table:use-banding-rows-styles**

- a. *The standard defines the attribute table:use-banding-rows-styles, contained within the element <table:table>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

**2.1.870 Part 1 Section 19.738, table:use-first-column-styles**

- a. *The standard defines the attribute table:use-first-column-styles, contained within the element <table:table>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

**2.1.871 Part 1 Section 19.739, table:use-first-row-styles**

- a. *The standard defines the attribute table:use-first-row-styles, contained within the element <table:table>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

**2.1.872 Part 1 Section 19.740, table:use-last-column-styles**

- a. *The standard defines the attribute table:use-last-column-styles, contained within the element <table:table>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

**2.1.873 Part 1 Section 19.741, table:use-last-row-styles**

- a. *The standard defines the attribute table:use-last-row-styles, contained within the element <table:table>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.874 Part 1 Section 19.742, table:use-labels**

- a. *The standard defines the attribute table:use-labels, contained within the element <table:consolidation>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.875 Part 1 Section 19.743, table:use-regular-expressions**

- a. *The standard defines the attribute table:use-regular-expressions, contained within the element <table:calculation-settings>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.876 Part 1 Section 19.745, table:used-hierarchy**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.877 Part 1 Section 19.746, table:user-name**

- a. *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 2013, Excel 2016, or Excel 2019.

### **2.1.878 Part 1 Section 19.747, table:value**

- a. *The standard defines the attribute table:value, contained within the element <table:filter-condition>*

This attribute is supported in 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.

### **2.1.879 Part 1 Section 19.748, table:value-type**

- a. *The standard defines the attribute table:value-type, contained within the element <table:covered-table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute table:value-type, contained within the element <table:table-cell>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute table:value-type, contained within the element <table:covered-table-cell>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:value-type`, contained within the element `<table:table-cell>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.880 Part 1 Section 19.749, `table:visibility`**

- a. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-column>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-row>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `table:visibility`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-column>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-row>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `table:visibility`, contained within the element `<table:table-row>`*

### **2.1.881 Part 1 Section 19.750, `text:active`**

- a. *The standard defines the attribute `text:active`, contained within the element `<table:page-variable-set>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.882 Part 1 Section 19.753, `text:anchor-page-number`**

- a. *The standard defines the attribute `text:anchor-page-number`*

This attribute is not supported in 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 attribute `text:anchor-page-number`, contained within the element `<office:annotation>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `text:anchor-page-number`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `text:anchor-page-number`, contained within the element `<office:annotation>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

## 2.1.883 Part 1 Section 19.754, text:anchor-type

- a. *The standard defines the property "as-char", contained within the attribute text:anchor-type*  
This property is supported in 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.
- b. *The standard defines the property "char", contained within the attribute text:anchor-type*  
This property is not supported in 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.
- c. *The standard defines the property "frame", contained within the attribute text:anchor-type*  
This property is not supported in 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 "page", contained within the attribute text:anchor-type*  
This property is not supported in 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 attribute text:anchor-type, contained within the element <office:annotation>*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- f. *The standard defines the property "as-char", contained within the attribute text:anchor-type*  
This property is not supported in Excel 2013, Excel 2016, or Excel 2019.
- g. *The standard defines the property "chart", contained within the attribute text:anchor-type*  
This property is not supported in Excel 2013, Excel 2016, or Excel 2019.
- h. *The standard defines the property "frame", contained within the attribute text:anchor-type*  
This property is not supported in Excel 2013, Excel 2016, or Excel 2019.
- i. *The standard defines the property "page", contained within the attribute text:anchor-type*  
This property is not supported in Excel 2013, Excel 2016, or Excel 2019.
- j. *The standard defines the property "paragraph", contained within the attribute text:anchor-type*  
This property is not supported in Excel 2013, Excel 2016, or Excel 2019.
- k. *The standard defines the attribute text:anchor-type, contained within the element <office:annotation>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

## 2.1.884 Part 1 Section 19.760, text:bullet-char

- a. *The standard defines the attribute text:bullet-char, contained within the element <text:list-level-style-bullet>*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- b. *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.

- c. *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>.

## 2.1.885 Part 1 Section 19.761, text:bullet-relative-size

- a. *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 2013, Word 2016, or Word 2019.

**OfficeArt Math** in Word 2013 does not support this attribute on save for text in SmartArt.

- b. *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.

- c. *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>.

### **2.1.886 Part 1 Section 19.762, text:capitalize-entries**

- a. *The standard defines the attribute `text:capitalize-entries`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.887 Part 1 Section 19.763, text:c**

- a. *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.

- b. *The standard defines the attribute `text:c`, contained within the element `<text:s>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, Excel reads this attribute. On save, Excel does not write this attribute.

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 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>

## **2.1.888 Part 1 Section 19.770, text:class-names**

a. *The standard defines the attribute text:class-names, contained within the element <text:p>*

This attribute is not supported in 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:class-names, contained within the element <text:span>*

This attribute is not supported in 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. The text:class-name attribute is always written as empty.

c. *The standard defines the attribute text:class-names, contained within the element <text:p>*

This attribute is not supported in 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.

- d. *The standard defines the attribute text:~class-names, contained within the element <text:span>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *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 2013, Excel 2016, or Excel 2019.

- f. *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.

- g. *The standard defines the attribute text:~class-names, 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.

### **2.1.889 Part 1 Section 19.772, text:combine-entries**

- a. *The standard defines the attribute text:combine-entries, contained within the element <text:alphabetical-index-source>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.890 Part 1 Section 19.773, text:combine-entries-with-dash**

- a. *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 2013, Word 2016, or Word 2019.

### **2.1.891 Part 1 Section 19.774, text:combine-entries-with-pp**

- a. *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 2013, Word 2016, or Word 2019.

### **2.1.892 Part 1 Section 19.775, text:comma-separated**

- a. *The standard defines the attribute text:comma-separated, contained within the element <text:alphabetical-index-source>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.893 Part 1 Section 19.776, text:cond-style-name**

- a. *The standard defines the attribute text:cond-style-name, contained within the element <text:p>*

This attribute is not supported in 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.

- b. *The standard defines the attribute text:cond-style-name, contained within the element <text:p>*

This attribute is not supported in 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.

- c. *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.

### **2.1.894 Part 1 Section 19.777, text:condition**

- a. *The standard defines the attribute `text:condition`, contained within the element `<text:section>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `text:condition`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.895 Part 1 Section 19.779, text:consecutive-numbering**

- a. *The standard defines the attribute `text:consecutive-numbering`, contained within the element `<text:list-style>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `text:consecutive-numbering`, contained within the element `<text:list-style>`*

**OfficeArt Math** h 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.

- c. *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>`.

### **2.1.896 Part 1 Section 19.780, `text:continue-list`**

- a. *The standard defines the attribute `text:continue-list`, contained within the element `<text:list>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

On load, the behavior dictated by `text:continue-list` overrides the behavior dictated by `text:continue-numbering`

### **2.1.897 Part 1 Section 19.781, `text:continue-numbering`**

- a. *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.

- b. *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>

### **2.1.898 Part 1 Section 19.783, text:count-empty-lines**

- a. *The standard defines the attribute text:count-empty-lines, contained within the element <text:linenumbering-configuration>, contained within the parent element <office:styles>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.899 Part 1 Section 19.784, text:count-in-text-boxes**

- a. *The standard defines the attribute text:count-in-text-boxes, contained within the element <text:linenumbering-configuration>, contained within the parent element <office:styles>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.900 Part 1 Section 19.792, text:date-adjust**

- a. *The standard defines the attribute text:date-adjust, contained within the element <text:date>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute text:date-adjust*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute text:date-adjust, contained within the element <text:date>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.901 Part 1 Section 19.793, text:date-value**

- a. *The standard defines the attribute text:date-value, contained within the element <text:date>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

159. 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.

- b. *The standard defines the attribute text:date-value*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute text:date-value, contained within the element <text:date>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

Date values are specified as text content between the start and end <text:date> element tags.

### **2.1.902 Part 1 Section 19.794, text:default-style-name**

- a. *The standard defines the attribute text:default-style-name, contained within the element <text:notes-configuration>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.903 Part 1 Section 19.796, text:display**

- a. *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 2013, Word 2016, and Word 2019.

On load, Word converts this value for the text:display attribute to "name-and-extension".

- b. *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 2013, Word 2016, or Word 2019.

On load, Word converts this value for the text:display attribute to "full".

- c. *The standard defines the attribute text:display, contained within the element <text:index-entry-chapter>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute text:display, contained within the element <text:section>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *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 2013, Word 2016, or Word 2019.

- f. *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 2013, Word 2016, and Word 2019.

On load, Word converts this value for the text:display attribute to "name-and-extension".

- g. *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 2013, Word 2016, or Word 2019.

- h. *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 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute text:display*

This attribute is supported in 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".



- j. *The standard defines the attribute `text:display`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `text:display`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## **2.1.904 Part 1 Section 19.797, `text:display-levels`**

- a. *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.

- b. *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

- c. *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.

- d. *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>.

- e. *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>.

### **2.1.905 Part 1 Section 19.803, text:fixed**

- a. *The standard defines the attribute `text:fixed`, contained within the element `<text:creation-date>`*

This attribute is not supported in 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.

- b. *The standard defines the attribute `text:fixed`, contained within the element `<text:creation-time>`*

This attribute is not supported in 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.

- c. *The standard defines the attribute text:fixed, contained within the element <text:date>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute text:fixed, contained within the element <text:modification-date>*

This attribute is not supported in 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.

- e. *The standard defines the attribute text:fixed, contained within the element <text:modification-time>*

This attribute is not supported in 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.

- f. *The standard defines the attribute text:fixed, contained within the element <text:print-date>*

This attribute is not supported in 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.

- g. *The standard defines the attribute text:fixed, contained within the element <text:print-time>*

This attribute is not supported in 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.

- h. *The standard defines the attribute text:fixed, contained within the element <text:time>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- i. *The standard defines the attribute text:fixed*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute text:fixed, contained within the element <text:date>*

This attribute is supported in 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".

- k. *The standard defines the attribute text:fixed, contained within the element <text:time>*

This attribute is supported in 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".

## **2.1.906 Part 1 Section 19.805, text:formula**

- a. *The standard defines the attribute text:formula*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `text:formula`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.907 Part 1 Section 19.806, `text:global`**

- a. *The standard defines the attribute `text:global`, contained within the element `<office:text>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.908 Part 1 Section 19.808, `text:increment`**

- a. *The standard defines the attribute `text:increment`, contained within the element `<text:linenumberseparator>`, contained within the parent element `<text:linenumbersconfiguration>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.909 Part 1 Section 19.809, `text:id`**

- a. *The standard defines the attribute `text:id`, contained within the element `<draw:text-box>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `text:id`, contained within the element `<text:alphabetical-index-mark-start>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `text:id`, contained within the element `<text:toc-mark-start>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute `text:id`, contained within the element `<text:p>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.910 Part 1 Section 19.812, `text:index-scope`**

- a. *The standard defines the attribute `text:index-scope`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in 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.

- 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 2013, Word 2016, or Word 2019.

On load, Word reverts to a default of "document" for all values of the `text:index-scope` attribute.

### **2.1.911 Part 1 Section 19.813, `text:ignore-case`**

- a. *The standard defines the attribute `text:ignore-case`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.912 Part 1 Section 19.816, text:is-list-header**

- a. *The standard defines the attribute text:is-list-header, contained within the element <text:h>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.913 Part 1 Section 19.821, text:key1**

- a. *The standard defines the attribute text:key1, contained within the element <text:alphabetical-index-mark-start>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.914 Part 1 Section 19.822, text:key2**

- a. *The standard defines the attribute text:key2, contained within the element <text:alphabetical-index-mark-start>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.915 Part 1 Section 19.823, text:key1-phonetic**

- a. *The standard defines the attribute text:key1-phonetic, contained within the element <text:alphabetical-index-mark>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute text:key1-phonetic, contained within the element <text:alphabetical-index-mark-start>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.916 Part 1 Section 19.824, text:key2-phonetic**

- a. *The standard defines the attribute text:key2-phonetic, contained within the element <text:alphabetical-index-mark>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute text:key2-phonetic, contained within the element <text:alphabetical-index-mark-start>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

#### **2.1.917 Part 1 Section 19.828, text:level**

- a. *The standard defines the attribute text:level*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- b. *The standard defines the attribute text:level, contained within the element <text:list-level-style-bullet>*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt.

- 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, 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.

- e. *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.

- f. *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.

- g. *The standard defines the attribute text:level, contained within the element <text:numbered-paragraph>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *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>.

- i. *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>.

- 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 `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>`.

- l. *The standard defines the attribute `text:level`, contained within the element `<text:numbered-paragraph>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.918 Part 1 Section 19.831, `text:main-entry`**

- a. *The standard defines the attribute `text:main-entry`, contained within the element `<text:alphabetical-index-mark>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `text:main-entry`, contained within the element `<text:alphabetical-index-mark-start>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.919 Part 1 Section 19.832, `text:main-entry-style-name`**

- a. *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 2013, Word 2016, or Word 2019.

### **2.1.920 Part 1 Section 19.833, text:master-page-name**

- a. *The standard defines the attribute text:master-page-name, contained within the element <text:notes-configuration>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.921 Part 1 Section 19.835, text:name**

- a. *The standard defines the attribute text:name, contained within the element <text:section>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute text:name*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.922 Part 1 Section 19.837, text:note-class**

- a. *The standard defines the attribute text:note-class, contained within the element <text:note-ref>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

### **2.1.923 Part 1 Section 19.839, text:number-lines**

- a. *The standard defines the attribute text:number-lines, 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 text:number-lines, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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>.

### **2.1.924 Part 1 Section 19.840, text:number-position**

- a. *The standard defines the attribute text:number-position, contained within the element <text:linenumbering-configuration>, contained within the parent element <office:styles>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.925 Part 1 Section 19.844, text:outline-level**

- a. *The standard defines the attribute text:outline-level, contained within the element <text:h>*

This attribute is supported in 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:

- 160. first item
- 161. second item
- 162. third item

is output as follows:

- 163. first item
- 164. second item
- 3.
- 165. third item

### **2.1.926 Part 1 Section 19.844.5, text:index-entry-chapter**

- a. *The standard defines the attribute text:outline-level, contained within the element <text:index-entry-chapter>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.927 Part 1 Section 19.845, text:page-adjust**

- a. *The standard defines the attribute text:page-adjust, contained within the element <text:page-number>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `text:page-adjust`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `text:page-adjust`, contained within the element `<text:page-number>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.928 Part 1 Section 19.849, `text:protected`**

- a. *The standard defines the attribute `text:protected`, contained within the element `<text:section>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.929 Part 1 Section 19.850, `text:protection-key`**

- a. *The standard defines the attribute `text:protection-key`, contained within the element `<text:section>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.930 Part 1 Section 19.851, `text:protection-key-digest-algorithm`**

- a. *The standard defines the attribute `text:protection-key-digest-algorithm`, contained within the element `<text:alphabetical-index>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `text:protection-key-digest-algorithm`, contained within the element `<text:bibliography>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `text:protection-key-digest-algorithm`, contained within the element `<text:section>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `text:protection-key-digest-algorithm`, contained within the element `<text:table-of-content>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.931 Part 1 Section 19.853, `text:ref-name`**

- a. *The standard defines the attribute `text:ref-name`, contained within the element `<text:note-ref>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

### **2.1.932 Part 1 Section 19.854, `text:reference-format`**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 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:note-ref>*

This property is not supported in Word 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- d. *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 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- e. *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 2013, Word 2016, or Word 2019.

On load, Word ignores footnote references. On save, Word writes out footnote references.

- f. *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 2013, Word 2016, or Word 2019.

### **2.1.933 Part 1 Section 19.855, text:relative-tab-stop-position**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Word 2016, or Word 2019.

### **2.1.934 Part 1 Section 19.857, text:restart-numbering**

- a. *The standard defines the attribute text:restart-numbering, contained within the element <text:h>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.935 Part 1 Section 19.863, text:select-page**

- a. *The standard defines the attribute text:select-page, contained within the element <text:page-number>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute text:select-page*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `text:select-page`, contained within the element `<text:page-number>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.936 Part 1 Section 19.865, `text:sort-algorithm`**

- a. *The standard defines the attribute `text:sort-algorithm`, contained within the element `<text:alphabetical-index-source>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.937 Part 1 Section 19.868, `text:start-value`**

- a. *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.

- b. *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.

- c. *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>
- d. *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>.

### **2.1.938 Part 1 Section 19.874, `text:style-name`**

- a. *The standard defines the attribute `text:style-name`, contained within the element `<text:a>`*
- This attribute is not supported in 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.
- b. *The standard defines the attribute `text:style-name`, contained within the element `<text:index-entry-chapter>`*
- This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- c. *The standard defines the attribute `text:style-name`, contained within the element `<text:index-entry-link-end>`*
- This attribute is not supported in Word 2013, Word 2016, or 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 2013, Word 2016, or Word 2019.
- e. *The standard defines the attribute `text:style-name`, contained within the element `<text:index-entry-page-number>`*
- This attribute is supported in 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.

- f. *The standard defines the attribute `text:style-name`, contained within the element `<text:index-entry-text>`*

This attribute is supported in 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.

- g. *The standard defines the attribute `text:style-name`, contained within the element `<text:linenumbers-configuration>`, contained within the parent element `<office:styles>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- h. *The standard defines the attribute `text:style-name`, contained within the element `<text:list>`*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- i. *The standard defines the attribute `text:style-name`, contained within the element `<text:list-level-style-bullet>`*

OfficeArt Math in Word 2013 does not support this attribute on save for text in SmartArt.

- j. *The standard defines the attribute `text:style-name`, contained within the element `<text:p>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- k. *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 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.

- l. *The standard defines the attribute `text:style-name`, contained within the element `<text:span>`*

OfficeArt Math in Word 2013 supports this attribute on save for text in SmartArt and chart titles and labels.

- m. *The standard defines the attribute `text:style-name`, contained within the element `<text:table-of-content>`*

This attribute is not supported in 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.

- n. *The standard defines the attribute `text:style-name`, contained within the element `<text:a>`*

This attribute is not supported in 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.

- o. *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.

- p. *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.

- q. *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.

- r. *The standard defines the attribute `text:style-name`, contained within the element `<text:p>`*

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:style-name`, contained within the element `<text:ruby>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- t. *The standard defines the attribute `text:style-name`, contained within the element `<text:ruby-text>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- u. *The standard defines the attribute `text:style-name`, contained within the element `<text:span>`*

This attribute is not supported in 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>

- v. *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>

w. *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>

x. *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>.

y. *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>.

z. *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>

aa. *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>

## **2.1.939 Part 1 Section 19.877, `text:tab-ref`**

a. *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.

b. *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 2013, Word 2016, or Word 2019.

c. *The standard defines the attribute text:tab-ref*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

d. *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>

e. *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 2013, Excel 2016, or Excel 2019.

f. *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>

## **2.1.940 Part 1 Section 19.880, text:time-adjust**

a. *The standard defines the attribute text:time-adjust, contained within the element <text:time>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

b. *The standard defines the attribute text:time-adjust*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

c. *The standard defines the attribute text:time-adjust, contained within the element <text:time>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.941 Part 1 Section 19.881, text:time-value**

- a. *The standard defines the attribute text:time-value, contained within the element <text:time>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

166. 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.

- b. *The standard defines the attribute text:time-value*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute text:time-value, contained within the element <text:time>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.942 Part 1 Section 19.883, text:track-changes**

- a. *The standard defines the element <text:track-changes>*

This element is not supported in Word 2013, Word 2016, or Word 2019.

On load and save, Word automatically accepts any tracked changes and applies the changes to the document.

### **2.1.943 Part 1 Section 19.892, text:use-keys-as-entries**

- a. *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 2013, Word 2016, or Word 2019.

### **2.1.944 Part 1 Section 19.901, text:visited-style-name**

- a. *The standard defines the attribute text:visited-style-name, contained within the element <text:a>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute text:visited-style-name, contained within the element <text:a>*

This attribute is not supported in 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.

- c. *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>`

### **2.1.945 Part 1 Section 19.904, `xforms:bind`**

- a. *The standard defines the attribute `xforms:bind`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `xforms:bind`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.946 Part 1 Section 19.905, `xhtml:about`**

- a. *The standard defines the attribute `xhtml:about`, contained within the element `<table:covered-table-cell>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `xhtml:about`, contained within the element `<table:table-cell>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute `xhtml:about`, contained within the element `<text:bookmark-start>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute `xhtml:about`, contained within the element `<text:h>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute `xhtml:about`, contained within the element `<text:meta>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute `xhtml:about`, contained within the element `<text:p>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute `xhtml:about`, contained within the element `<table:table-cell>`*

### **2.1.947 Part 1 Section 19.906, xhtml:content**

- a. *The standard defines the attribute xhtml:content, contained within the element <table:covered-table-cell>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the attribute xhtml:content, contained within the element <table:table-cell>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- c. *The standard defines the attribute xhtml:content, contained within the element <text:bookmark-start>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- d. *The standard defines the attribute xhtml:content, contained within the element <text:h>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- e. *The standard defines the attribute xhtml:content, contained within the element <text:meta>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- f. *The standard defines the attribute xhtml:content, contained within the element <text:p>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- g. *The standard defines the attribute xhtml:content, contained within the element <table:table-cell>*

### **2.1.948 Part 1 Section 19.907, xhtml:datatype**

- a. *The standard defines the attribute xhtml:datatype, contained within the element <table:covered-table-cell>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the attribute xhtml:datatype, contained within the element <table:table-cell>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- c. *The standard defines the attribute xhtml:datatype, contained within the element <text:bookmark-start>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- d. *The standard defines the attribute xhtml:datatype, contained within the element <text:h>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- e. *The standard defines the attribute xhtml:datatype, contained within the element <text:meta>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- f. *The standard defines the attribute xhtml:datatype, contained within the element <text:p>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- g. *The standard defines the attribute xhtml:datatype, contained within the element <table:table-cell>*

## **2.1.949 Part 1 Section 19.908, xhtml:property**

- a. *The standard defines the attribute xhtml:property, contained within the element <table:covered-table-cell>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute xhtml:property, contained within the element <table:table-cell>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the attribute xhtml:property, contained within the element <text:bookmark-start>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the attribute xhtml:property, contained within the element <text:h>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute xhtml:property, contained within the element <text:meta>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- f. *The standard defines the attribute xhtml:property, contained within the element <text:p>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- g. *The standard defines the attribute xhtml:property, contained within the element <table:table-cell>*

## **2.1.950 Part 1 Section 19.909, xlink:actuate**

- a. *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>

- b. *The standard defines the attribute xlink:actuate, contained within the element <draw:object>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute xlink:actuate, contained within the element <form:form>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute xlink:actuate, contained within the element <text:a>*



This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *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>`

- f. *The standard defines the attribute `xlink:actuate`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *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 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or 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 2013, Excel 2016, or Excel 2019.

- j. *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>`

## 2.1.951 Part 1 Section 19.910, xlink:href

- a. *The standard defines the attribute `xlink:href`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *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.

- c. *The standard defines the attribute `xlink:href`, contained within the element `<draw:image>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

Relative URIs are not supported, only absolute URIs are supported.

- d. *The standard defines the attribute `xlink:href`, contained within the element `<draw:object>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute `xlink:href`, contained within the element `<form:form>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `xlink:href`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `xlink:href`, contained within the element `<chart:symbol-image>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *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.

- i. *The standard defines the attribute `xlink:href`, contained within the element `<draw:image>`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Relative URIs are not supported, only absolute URIs are supported.

- j. *The standard defines the attribute `xlink:href`, contained within the element `<form:form>`*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

- l. *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 2013, Excel 2016, or Excel 2019.

- m. *The standard defines the attribute `xlink:href`, contained within the element `<text:a>`*

This attribute is not supported in 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.

- n. *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.

- o. *The standard defines the attribute `xlink:href`, contained within the element `<anim:audio>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- p. *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.

- q. *The standard defines the attribute `xlink:href`, contained within the element `<draw:image>`*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

Relative URIs are not supported, only absolute URIs are supported.

- r. *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>

- s. *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>.

### **2.1.952 Part 1 Section 19.911, xlink:show**

- a. *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>

- b. *The standard defines the attribute `xlink:show`, contained within the element `<draw:object>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *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>

- d. *The standard defines the attribute `xlink:show`, contained within the element `<style:background-image>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute `xlink:show`, contained within the element `<text:a>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *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.

- g. *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.

- h. *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>
- i. *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>
- j. *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.

### **2.1.953 Part 1 Section 19.913, xlink:type**

- a. *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>
- b. *The standard defines the attribute xlink:type, contained within the element <draw:object>*  
This attribute is not supported in 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 2013, Word 2016, or Word 2019.
- d. *The standard defines the attribute xlink:type, contained within the element <text:a>*  
This attribute is not supported in Word 2013, Word 2016, or Word 2019.
- e. *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>
- f. *The standard defines the attribute xlink:type, contained within the element <style:background-image>*  
This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.
- g. *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 2013, Excel 2016, or Excel 2019.
- h. *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 2013, Excel 2016, or Excel 2019.
- i. *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 2013, Excel 2016, or Excel 2019.
- j. *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>

## **2.1.954 Part 1 Section 19.914, xml:id**

- a. *The standard defines the attribute xml:id, contained within the element <office:annotation>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- b. *The standard defines the attribute xml:id, contained within the element <table:covered-table-cell>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- c. *The standard defines the attribute xml:id, contained within the element <table:table>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- d. *The standard defines the attribute xml:id, contained within the element <table:table-cell>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- e. *The standard defines the attribute xml:id, contained within the element <table:table-column>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- f. *The standard defines the attribute xml:id, contained within the element <table:table-row>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- g. *The standard defines the attribute xml:id, contained within the element <text:alphabetical-index>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- h. *The standard defines the attribute xml:id, contained within the element <text:bookmark>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- i. *The standard defines the attribute xml:id, contained within the element <text:bookmark-start>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- j. *The standard defines the attribute xml:id, contained within the element <text:changed-region>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- k. *The standard defines the attribute xml:id, contained within the element <text:h>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- l. *The standard defines the attribute xml:id, contained within the element <text:list-item>*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.

- m. *The standard defines the attribute `xml:id`, contained within the element `<text:meta>`*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- n. *The standard defines the attribute `xml:id`, contained within the element `<text:meta-field>`*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- o. *The standard defines the attribute `xml:id`, contained within the element `<text:numbered-paragraph>`*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- p. *The standard defines the attribute `xml:id`, contained within the element `<text:p>`*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- q. *The standard defines the attribute `xml:id`, contained within the element `<text:section>`*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- r. *The standard defines the attribute `xml:id`, contained within the element `<text:table-of-content>`*  
This attribute is supported in Word 2013, Word 2016, and Word 2019.
- s. *The standard defines the attribute `xml:id`, contained within the element `<table:table>`*
- t. *The standard defines the attribute `xml:id`, contained within the element `<table:table-cell>`*
- u. *The standard defines the attribute `xml:id`, contained within the element `<table:table-row>`*

#### **2.1.955 Part 1 Section 20.2, chart:angle-offset**

- a. *The standard defines the attribute `fo:margin-left`, contained within the element `<style:table-properties>`*

#### **2.1.956 Part 1 Section 20.7, chart:connect-bars**

- a. *The standard defines the attribute `chart:connect-bars`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the elements `<chart:chart>`, `<chart:plot-area>`, and `<chart:series>`, when the series type is bar.

#### **2.1.957 Part 1 Section 20.8, chart:data-label-number**

- a. *The standard defines the attribute `chart:data-label-number`*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load Excel applies the "percentage" value only if the chart type is `chart:circle` or `chart:ring`. Also, Excel applies the "percentage" value if the chart contains a circle or ring series when the attribute is on the style of the `chart:plot-area`.

On save Excel writes the "percentage" value only if the series type is pie or doughnut in Excel.

#### **2.1.958 Part 1 Section 20.9, chart:data-label-symbol**

- a. *The standard defines the attribute `chart:data-label-symbol`*

Excel 2013 supports this attribute for a style of the <chart:plot-area>, <chart:series>, and <chart:data-point> elements.

### **2.1.959 Part 1 Section 20.10, chart:data-label-text**

- a. *The standard defines the attribute chart:data-label-text*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:plot-area>, <chart:series>, and <chart:data-point> elements.

### **2.1.960 Part 1 Section 20.11, chart:deep**

- a. *The standard defines the attribute chart:deep*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

When the chart:deep attribute is "true", the chart must have a <chart:axis> element with the chart:dimension attribute equal to "z" and the chart:three-dimensional attribute must equal "true".

On load, the <style-chart-properties-attlist> element is ignored when the chart type is surface, and is always saved as "true".

This attribute must equal "false" when the chart:stacked or chart:percentage attributes are "true".

This attribute must equal "false" when the chart type is bar and the "chart:vertical" property equals "false". This attribute applies to the style of the <chart:chart> and <chart:plot-area> elements when the chart type is area or bar.

### **2.1.961 Part 1 Section 20.12, chart:display-label**

- a. *The standard defines the attribute chart:display-label*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the <style-chart-properties-attlist> element of the <chart:axis> element.

### **2.1.962 Part 1 Section 20.13, chart:error-category**

- a. *The standard defines the property "constant", contained within the attribute chart:error-category*

Excel 2013 supports this enum for the style of the <chart:plot-area> and <chart:series> elements when the chart is not three dimensional and the series type is line, area, scatter, bar, stock, or bubble.

- b. *The standard defines the property "error-margin", contained within the attribute chart:error-category*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the property "none", contained within the attribute chart:error-category*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses this attribute for the <style-chart-properties-attlist> element of the <chart:plot-area> and <chart:series> elements when the chart is not three dimensional and the series type is "line", "area", "scatter", "bar", "stock", or "bubble".

- d. *The standard defines the property "percentage", contained within the attribute chart:error-category*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses this attribute for the <style-chart-properties-attlist> element of the <chart:plot-area> and <chart:series> elements when the chart is not three dimensional and the series type is "line", "area", "scatter", "bar", "stock", or "bubble".

- e. *The standard defines the property "variance", contained within the attribute chart:error-category*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.963 Part 1 Section 20.14, chart:error-lower-indicator**

- a. *The standard defines the attribute chart:error-lower-indicator*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses this attribute for the <style-chart-properties-attlist> element of the <chart:plot-area> and <chart:series> elements when the chart is not three dimensional and the series type is "line", "area", "scatter", "bar", "stock", or "bubble".

### **2.1.964 Part 1 Section 20.15, chart:error-lower-limit**

- a. *The standard defines the attribute chart:error-lower-limit*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses this attribute for the <style-chart-properties-attlist> element of the <chart:plot-area> and <chart:series> elements when the chart is not three dimensional and the series type is "line", "area", "scatter", "bar", "stock", or "bubble".

### **2.1.965 Part 1 Section 20.17, chart:error-margin**

- a. *The standard defines the attribute chart:error-margin*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.966 Part 1 Section 20.18, chart:error-percentage**

- a. *The standard defines the attribute chart:error-percentage*

Excel 2013 supports this attribute for the style of the <chart:plot-area> and <chart:series> elements when the chart is not three dimensional and the series type is line, area, scatter, bar, stock, or bubble.

### **2.1.967 Part 1 Section 20.19, chart:error-upper-indicator**

- a. *The standard defines the attribute chart:error-upper-indicator*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses this attribute for the <style-chart-properties-attlist> element of the <chart:plot-area> and <chart:series> elements when the chart is not three dimensional and the series type is "line", "area", "scatter", "bar", "stock", or "bubble".

### **2.1.968 Part 1 Section 20.20, chart:error-upper-limit**

- a. *The standard defines the attribute chart:error-upper-limit*

Excel 2013 supports this attribute uses this attribute for the <style-chart-properties-attlist> element of the <chart:plot-area> and <chart:series> elements when the chart is not three dimensional and the series type is "line", "area", "scatter", "bar", "stock", or "bubble".

### **2.1.969 Part 1 Section 20.22, chart:gap-width**

- a. *The standard defines the attribute chart:gap-width*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the element <chart:axis>, when the attribute chart:dimension of the axis equals "y" and the chart type is bar.

### **2.1.970 Part 1 Section 20.23, chart:group-bars-per-axis**

- a. *The standard defines the attribute chart:group-bars-per-axis*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

### **2.1.971 Part 1 Section 20.26, chart:interpolation**

- a. *The standard defines the attribute chart:interpolation*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

On load, both the "cubic-spline" and "b-spline" values load as "cubic-spline". On save, only the "cubic-spline" value is applied to the <style-chart-properties-attlist> element of the <chart:plot-area> and <chart:series> elements.

### **2.1.972 Part 1 Section 20.27, chart:interval-major**

- a. *The standard defines the attribute chart:interval-major*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:axis> element when the chart:dimension attribute of the <chart:axis> element equals "y" or the <chart:axis> element is associated with a scatter chart.

### **2.1.973 Part 1 Section 20.28, chart:interval-minor-divisor**

- a. *The standard defines the attribute chart:interval-minor-divisor*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This element is ignored if the chart:interval-major attribute is not specified. This attribute applies to the style of the <chart:axis> element when the chart:dimension attribute of the axis equals "y" or the axis is associated with a scatter chart.

### **2.1.974 Part 1 Section 20.29, chart:japanese-candle-stick**

- a. *The standard defines the attribute chart:japanese-candle-stick*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.975 Part 1 Section 20.30, chart:label-arrangement**

- a. *The standard defines the attribute chart:label-arrangement*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.976 Part 1 Section 20.32, chart:label-position-negative**

- a. *The standard defines the attribute chart:label-position-negative*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

- b. *The standard defines the attribute style:page-number, contained within the element <style:table-properties>*

### **2.1.977 Part 1 Section 20.33, chart:lines**

- a. *The standard defines the attribute chart:lines*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the <style-chart-properties-attlist> element of the <chart:chart>, <chart:plot-area>, and <chart:series> elements when the series type is "line", "scatter", or "radar".

### **2.1.978 Part 1 Section 20.34, chart:link-data-style-to-source**

- a. *The standard defines the attribute chart:link-data-style-to-source*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses this attribute for the <style-chart-properties-attlist> element of the <chart:axis> and <chart:series> elements when the chart has data labels.

### **2.1.979 Part 1 Section 20.35, chart:logarithmic**

- a. *The standard defines the attribute chart:logarithmic*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:axis> element when the chart:dimension attribute of the <chart:axis> element equals "y" or the <chart:axis> element is associated with a scatter chart.

### **2.1.980 Part 1 Section 20.36, chart:maximum**

- a. *The standard defines the attribute chart:maximum*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:axis> element when the chart:dimension attribute of the <chart:axis> element equals "y" or the <chart:axis> element is associated with a scatter chart.

### **2.1.981 Part 1 Section 20.38, chart:minimum**

- a. *The standard defines the attribute chart:minimum*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:axis> element when the chart:dimension attribute of the <chart:axis> element equals "y" or the <chart:axis> element is associated with a scatter chart.

### **2.1.982 Part 1 Section 20.39, chart:origin**

- a. *The standard defines the attribute chart:origin*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the <style-chart-properties-attlist> element of the <chart:axis> element.

### **2.1.983 Part 1 Section 20.40, chart:overlap**

- a. *The standard defines the attribute chart:overlap*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

The attribute chart:overlap applies to the style of the element <chart:axis>, when the attribute chart:dimension of the axis equals "y" and the chart type is bar.

### **2.1.984 Part 1 Section 20.41, chart:pie-offset**

- a. *The standard defines the attribute chart:pie-offset*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the <style-chart-properties-attlist> element of the <chart:plot-area>, <chart:series>, and <chart:data-point> elements when the series type is "circle" or "ring".

### **2.1.985 Part 1 Section 20.42, chart:percentage**

- a. *The standard defines the attribute chart:percentage*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:chart>, <chart:plot-area>, and <chart:series> elements when the series type is line, area, or bar.

### **2.1.986 Part 1 Section 20.43, chart:regression-type**

- a. *The standard defines the attribute chart:regression-type*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses this attribute for the <style-chart-properties-attlist> element of the <chart:series> element when the series type is "line", "area", "scatter", "bar", "stock", or "bubble", and the chart is not three dimensional.

### **2.1.987 Part 1 Section 20.46, chart:scale-text**

- a. *The standard defines the attribute chart:scale-text*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.988 Part 1 Section 20.47, chart:series-source**

- a. *The standard defines the attribute chart:series-source*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.989 Part 1 Section 20.48, chart:sort-by-x-values**

- a. *The standard defines the attribute chart:sort-by-x-values*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

### **2.1.990 Part 1 Section 20.50, chart:spline-order**

- a. *The standard defines the attribute chart:spline-order*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.991 Part 1 Section 20.51, chart:spline-resolution**

- a. *The standard defines the attribute chart:spline-resolution*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.992 Part 1 Section 20.52, chart:stacked**

- a. *The standard defines the attribute chart:stacked*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:chart>, <chart:plot-area>, and <chart:series> elements when the series type is line, area, or bar.

### **2.1.993 Part 1 Section 20.53, chart:symbol-height**

- a. *The standard defines the attribute chart:symbol-height*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

The attribute chart:symbol-height, contained within the element <style-chart-properties-attlist>, applies to the style of the elements <chart:series> and <chart:data-point>, when the series type is line, scatter, or radar.

### **2.1.994 Part 1 Section 20.54, chart:symbol-name**

- a. *The standard defines the property "arrow-down", contained within the attribute chart:symbol-name*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the property "arrow-left", contained within the attribute chart:symbol-name*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the property "arrow-right", contained within the attribute chart:symbol-name*



This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the property "arrow-up", contained within the attribute chart:symbol-name*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the property "asterisk", contained within the attribute chart:symbol-name*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

When the series is of type line, scatter, or radar, the attribute chart:symbol-name applies to the style of the elements <chart:series> and <chart:data-point>.

- f. *The standard defines the property "bow-tie", contained within the attribute chart:symbol-name*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the property "circle", contained within the attribute chart:symbol-name*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

The property "circle," contained within the attribute chart:symbol-name, contained within the element <style-chart-properties-attlist>, applies to the style of the elements <chart:series> and <chart:data-point>, when the series type is line, scatter, or radar.

- h. *The standard defines the property "diamond", contained within the attribute chart:symbol-name*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:series> and <chart:data-point> elements when the series type is line, scatter, or radar.

- i. *The standard defines the property "horizontal-bar", contained within the attribute chart:symbol-name*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

The "horizontal-bar" property, contained within the chart:symbol-name attribute, contained within the <style-chart-properties> element, applies to the style of the <chart:series> and <chart:data-point> elements when the series type is line, scatter, or radar.

- j. *The standard defines the property "hourglass", contained within the attribute chart:symbol-name*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the property "plus", contained within the attribute chart:symbol-name*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

The property "plus," contained within the attribute chart:symbol-name, contained within the element <style-chart-properties-attlist>, applies to the style of the elements <chart:series> and <chart:data-point>, when the series type is line, scatter, or radar.

- l. *The standard defines the property "square", contained within the attribute chart:symbol-name*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:series> and <chart:data-point> elements when the series type is line, scatter, or radar.

- m. *The standard defines the property "star", contained within the attribute chart:symbol-name*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- n. *The standard defines the property "vertical-bar", contained within the attribute chart:symbol-name*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the property "x", contained within the attribute chart:symbol-name*

This property is supported in Excel 2013, Excel 2016, and Excel 2019.

The property "x," contained within the attribute chart:symbol-name, contained within the element <style-chart-properties-attlist>, applies to the style of the elements <chart:series> and <chart:data-point>, when the series type is line, scatter, or radar.

### **2.1.995 Part 1 Section 20.55, chart:symbol-type**

- a. *The standard defines the attribute chart:symbol-type*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute applies to the style of the <chart:series> and <chart:data-point> elements when the series type is line, scatter, or radar.

### **2.1.996 Part 1 Section 20.56, chart:symbol-width**

- a. *The standard defines the attribute chart:symbol-width*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute is ignored if the chart:symbol-height attribute is specified. Otherwise, the chart:symbol-width attribute applies to the style of the <chart:series> and <chart:data-point> elements, when the series type is line, scatter, or radar.

### **2.1.997 Part 1 Section 20.57, chart:text-overlap**

- a. *The standard defines the attribute chart:text-overlap*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.998 Part 1 Section 20.58, chart:three-dimensional**

- a. *The standard defines the attribute chart:three-dimensional*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

This attribute must equal the value "true" when the chart type is surface. This attribute applies to the style of the <chart:chart> and <chart:plot-area> elements when the series type is line, area, circle, bar, or surface.

### **2.1.999 Part 1 Section 20.59, chart:tick-marks-major-inner**

- a. *The standard defines the attribute chart:tick-marks-major-inner*

Excel 2013 supports this attribute for the style of the <chart:axis> element.

### **2.1.1000 Part 1 Section 20.60, chart:tick-marks-major-outer**

- a. *The standard defines the attribute chart:tick-marks-major-outer*

Excel 2013 supports this attribute for the style of the <chart:axis> element.

### **2.1.1001 Part 1 Section 20.61, chart:tick-marks-minor-inner**

- a. *The standard defines the attribute chart:tick-marks-minor-inner*

Excel 2013 supports this attribute for the style of the <chart:axis> element.

### **2.1.1002 Part 1 Section 20.62, chart:tick-marks-minor-outer**

- a. *The standard defines the attribute chart:tick-marks-minor-outer*

Excel 2013 supports this attribute for the style of the <chart:axis> element.

### **2.1.1003 Part 1 Section 20.63, chart:tick-mark-position**

- a. *The standard defines the attribute chart:tick-mark-position*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

### **2.1.1004 Part 1 Section 20.65, chart:vertical**

- a. *The standard defines the attribute chart:vertical*

Excel 2013 supports this attribute. The chart:vertical attribute applies to the <style-chart-properties-attlist> element of the <chart:plot-area> and <chart:series> elements when the series type is bar.

### **2.1.1005 Part 1 Section 20.66, chart:visible**

- a. *The standard defines the attribute chart:visible*

This attribute is supported in Excel 2013, Excel 2016, and Excel 2019.

Excel uses this attribute for the <style-chart-properties-attlist> element of the <chart:axis> element.

### **2.1.1006 Part 1 Section 20.68, dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1007 Part 1 Section 20.69, dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1008 Part 1 Section 20.70, dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1009 Part 1 Section 20.71, dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1010 Part 1 Section 20.72, dr3d:depth**

- a. *The standard defines the attribute `dr3d:depth`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1011 Part 1 Section 20.74, `dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1012 Part 1 Section 20.75, `dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1013 Part 1 Section 20.76, `dr3d:emissive-color`**

- a. *The standard defines the attribute `dr3d:emissive-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:emissive-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:emissive-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1014 Part 1 Section 20.77, dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1015 Part 1 Section 20.78, dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1016 Part 1 Section 20.80, dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1017 Part 1 Section 20.81, dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1018 Part 1 Section 20.82, `dr3d:shadow`**

- a. *The standard defines the attribute `dr3d:shadow`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1019 Part 1 Section 20.83, `dr3d:shininess`**

- a. *The standard defines the attribute `dr3d:shininess`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1020 Part 1 Section 20.84, `dr3d:specular-color`**

- a. *The standard defines the attribute `dr3d:specular-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `dr3d:specular-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:specular-color`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1021 Part 1 Section 20.85, dr3d:texture-filter**

- a. *The standard defines the attribute dr3d:texture-filter, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1022 Part 1 Section 20.86, dr3d:texture-kind**

- a. *The standard defines the attribute dr3d:texture-kind, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1023 Part 1 Section 20.87, dr3d:texture-mode**

- a. *The standard defines the attribute dr3d:texture-mode, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1024 Part 1 Section 20.88, dr3d:texture-generation-mode-x**

- 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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute dr3d:texture-generation-mode-x, contained within the element <style:graphic-properties>*



This attribute is not supported in Excel 2013, Excel 2016, or Excel 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 PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1025 Part 1 Section 20.89, `dr3d:texture-generation-mode-y`**

- a. *The standard defines the attribute `dr3d:texture-generation-mode-y`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `dr3d:texture-generation-mode-y`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1026 Part 1 Section 20.90, `dr3d: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1027 Part 1 Section 20.91, `draw:auto-grow-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-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

- c. *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>.

### **2.1.1028 Part 1 Section 20.92, draw:auto-grow-width**

- a. *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.

- b. *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

- c. *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>.

### **2.1.1029 Part 1 Section 20.93, draw: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 2013, PowerPoint 2016, or PowerPoint 2019.

On load, PowerPoint writes this attribute as "border" On load PowerPoint ignores this attribute.

### **2.1.1030 Part 1 Section 20.94, draw: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.

### **2.1.1031 Part 1 Section 20.95, draw:caption-angle**

- a. *The standard defines the attribute draw:caption-angle, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1032 Part 1 Section 20.96, draw:caption-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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1033 Part 1 Section 20.97, draw:caption-escape**

- a. *The standard defines the attribute draw:caption-escape, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1034 Part 1 Section 20.98, draw:caption-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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1035 Part 1 Section 20.99, `draw:caption-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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1036 Part 1 Section 20.100, `draw:caption-gap`**

- a. *The standard defines the attribute `draw:caption-gap`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1037 Part 1 Section 20.101, `draw:caption-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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1038 Part 1 Section 20.102, draw:caption-type**

- a. *The standard defines the attribute draw:caption-type, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1039 Part 1 Section 20.103, draw: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.

### **2.1.1040 Part 1 Section 20.104, draw: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.

#### **2.1.1041 Part 1 Section 20.105, draw: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.

#### **2.1.1042 Part 1 Section 20.106, draw: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1043 Part 1 Section 20.107, draw:draw-aspect**

- a. *The standard defines the attribute draw:draw-aspect, contained within the element <style:graphic-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute draw:draw-aspect, contained within the element <style:graphic-properties>*



This attribute is supported in Excel 2013 Client and Excel 2016 Client.

- c. *The standard defines the attribute `draw:draw-aspect`, contained within the element `<style:graphic-properties>`*

This attribute is supported in PowerPoint 2013 Client and PowerPoint 2016 Client.

#### **2.1.1044 Part 1 Section 20.108, `draw: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1045 Part 1 Section 20.109, `draw:end-line-spacing-horizontal`**

- 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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:end-line-spacing-horizontal`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 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 PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1046 Part 1 Section 20.110, `draw:end-line-spacing-vertical`**

- a. *The standard defines the attribute `draw:end-line-spacing-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:end-line-spacing-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

## 2.1.1047 Part 1 Section 20.111, draw:fill

- 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>

### **2.1.1048 Part 1 Section 20.112, draw:fill-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>

### **2.1.1049 Part 1 Section 20.113, draw:fill-gradient-name**

- 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>



### **2.1.1050 Part 1 Section 20.114, draw:fill-hatch-name**

- 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>

### **2.1.1051 Part 1 Section 20.115, draw:fill-hatch-solid**

- 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>

## **2.1.1052 Part 1 Section 20.116, `draw:fill-image-height`**

- 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-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".

- c. *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".

### **2.1.1053 Part 1 Section 20.117, draw:fill-image-name**

- 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>

### **2.1.1054 Part 1 Section 20.118, draw:fill-image-ref-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, 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 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>

### **2.1.1055 Part 1 Section 20.119, draw:fill-image-ref-point-x**

- a. *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>
- b. *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>
- c. *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>

### **2.1.1056 Part 1 Section 20.120, `draw:fill-image-ref-point-y`**

- a. *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>
- b. *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>

- c. *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>

### **2.1.1057 Part 1 Section 20.121, draw:fill-image-width**

- a. *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".

- b. *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".

- c. *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".

### **2.1.1058 Part 1 Section 20.122, draw: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>`.

### **2.1.1059 Part 1 Section 20.123, `draw: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>`.

#### **2.1.1060 Part 1 Section 20.124, `draw:frame-display-border`**

- a. *The standard defines the attribute `draw:frame-display-border`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:frame-display-border`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:frame-display-border`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1061 Part 1 Section 20.125, `draw:frame-margin-horizontal`**

- a. *The standard defines the attribute `draw:frame-margin-horizontal`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:frame-margin-horizontal`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:frame-margin-horizontal`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1062 Part 1 Section 20.126, `draw:frame-display-scrollbar`**

- a. *The standard defines the attribute `draw:frame-display-scrollbar`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:frame-display-scrollbar`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:frame-display-scrollbar`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1063 Part 1 Section 20.127, `draw:frame-margin-vertical`**

- a. *The standard defines the attribute `draw:frame-margin-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:frame-margin-vertical`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:frame-margin-vertical`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1064 Part 1 Section 20.128, `draw: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.

### **2.1.1065 Part 1 Section 20.129, `draw: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.

### **2.1.1066 Part 1 Section 20.130, draw: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>

### **2.1.1067 Part 1 Section 20.131, draw: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1068 Part 1 Section 20.132, draw: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1069 Part 1 Section 20.133, draw:image-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.

### **2.1.1070 Part 1 Section 20.134, draw: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1071 Part 1 Section 20.135, `draw: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.

### **2.1.1072 Part 1 Section 20.136, `draw:marker-end`**

- 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.

### **2.1.1073 Part 1 Section 20.137, draw:marker-end-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.

### **2.1.1074 Part 1 Section 20.138, draw:marker-end-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.

### **2.1.1075 Part 1 Section 20.139, draw:marker-start**

- 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.

### **2.1.1076 Part 1 Section 20.140, draw:marker-start-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.

### **2.1.1077 Part 1 Section 20.141, draw:marker-start-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.

### **2.1.1078 Part 1 Section 20.142, draw:measure-align**

- a. *The standard defines the attribute draw:measure-align, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute draw:measure-align, contained within the element <style:graphic-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute draw:measure-align, contained within the element <style:graphic-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.



### **2.1.1079 Part 1 Section 20.143, draw:measure-vertical-align**

- a. *The standard defines the attribute `draw:measure-vertical-align`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:measure-vertical-align`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1080 Part 1 Section 20.144, draw:ole-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 2013, Word 2016, or Word 2019.

Deprecated in ODF 1.2 standard

- b. *The standard defines the attribute `draw:ole-draw-aspect`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:ole-draw-aspect`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1081 Part 1 Section 20.146, draw:opacity-name**

- 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>

#### **2.1.1082 Part 1 Section 20.147, draw:parallel**

- a. *The standard defines the attribute draw:parallel, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1083 Part 1 Section 20.148, draw:placing**

- a. *The standard defines the attribute draw:placing, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1084 Part 1 Section 20.149, draw: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.

### **2.1.1085 Part 1 Section 20.150, draw: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>

### **2.1.1086 Part 1 Section 20.151, draw: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>

### **2.1.1087 Part 1 Section 20.152, draw:shadow-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>

### **2.1.1088 Part 1 Section 20.153, draw:shadow-offset-x**

- 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-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>

- c. *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>`

### **2.1.1089 Part 1 Section 20.154, `draw:shadow-offset-y`**

- a. *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>`

- b. *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>
- c. *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>

### **2.1.1090 Part 1 Section 20.155, draw:shadow-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>

#### **2.1.1091 Part 1 Section 20.156, draw: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1092 Part 1 Section 20.157, draw: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1093 Part 1 Section 20.158, draw:start-line-spacing-horizontal**

- 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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute draw:start-line-spacing-horizontal, contained within the element <style:graphic-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 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 PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1094 Part 1 Section 20.159, draw:start-line-spacing-vertical**

- a. *The standard defines the attribute draw:start-line-spacing-vertical, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute draw:start-line-spacing-vertical, contained within the element <style:graphic-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1095 Part 1 Section 20.160, draw:stroke**

- 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.

## 2.1.1096 Part 1 Section 20.162, draw:stroke-dash-names

- 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>

### **2.1.1097 Part 1 Section 20.163, draw:stroke-linejoin**

- 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>

### **2.1.1098 Part 1 Section 20.165, draw: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>`

## **2.1.1099 Part 1 Section 20.166, `draw:textarea-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.

### **2.1.1100 Part 1 Section 20.167, draw:textarea-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.

### 2.1.1101 Part 1 Section 20.168, draw:tile-repeat-offset

- 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>

### 2.1.1102 Part 1 Section 20.169, draw:visible-area-height

- a. *The standard defines the attribute draw:visible-area-height, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.



- b. *The standard defines the attribute `draw:visible-area-height`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:visible-area-height`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1103 Part 1 Section 20.170, `draw:visible-area-left`**

- a. *The standard defines the attribute `draw:visible-area-left`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:visible-area-left`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:visible-area-left`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1104 Part 1 Section 20.171, `draw:visible-area-top`**

- a. *The standard defines the attribute `draw:visible-area-top`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:visible-area-top`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:visible-area-top`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1105 Part 1 Section 20.172, `draw:visible-area-width`**

- a. *The standard defines the attribute `draw:visible-area-width`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `draw:visible-area-width`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `draw:visible-area-width`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1106 Part 1 Section 20.173, draw:unit**

- a. *The standard defines the attribute draw:unit, contained within the element <style:graphic-properties>*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1107 Part 1 Section 20.174, draw: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 2013, Word 2016, or Word 2019.

### **2.1.1108 Part 1 Section 20.175, fo:background-color**

- 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 fo:background-color, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:background-color, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute fo:background-color, 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.

- e. *The standard defines the attribute fo:background-color, contained within the element <style:section-properties>*

This attribute is not supported in 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:background-color, contained within the element <style:table-properties>*

This attribute is supported in 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.

- g. *The standard defines the attribute `fo:background-color`, contained within the element `<style:table-row-properties>`*

This attribute is supported in 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.

- h. *The standard defines the attribute `fo:background-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.

- i. *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.

- j. *The standard defines the attribute `fo:background-color`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- k. *The standard defines the attribute `fo:background-color`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute `fo:background-color`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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>`

- m. *The standard defines the attribute `fo:background-color`, contained within the element `<style:section-properties>`*

This attribute is not supported in 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>

- n. *The standard defines the attribute fo:background-color, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- o. *The standard defines the attribute fo:background-color, contained within the element <style:text-properties>*

This attribute is not supported in 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

- p. *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.

- q. *The standard defines the attribute fo:background-color, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- r. *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>.

- s. *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>.

- t. *The standard defines the attribute fo:background-color, contained within the element <style:table-properties>*

- u. *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>.

## 2.1.1109 Part 1 Section 20.176.2, fo: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, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:border, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

167. Page borders with widths that cannot be generated by Word are normalized to the default border width.

168. 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, contained within the element <style:paragraph-properties>*

This attribute is supported in 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, contained within the element <style:table-cell-properties>*

This attribute is supported in 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: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, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute fo:border, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute fo:border, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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, contained within the element <style:table-cell-properties>*

This attribute is supported in 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".

- 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, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *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>.

- n. *The standard defines the attribute fo:border, contained within the element <style:table-cell-properties>*

### **2.1.1110 Part 1 Section 20.176.3, fo:border-bottom**

- a. *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.

- b. *The standard defines the attribute fo:border-bottom, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:border-bottom, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

169. Page borders with widths that cannot be generated by Word are normalized to the default border width.

170. 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-bottom, contained within the element <style:paragraph-properties>*

This attribute is supported in 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-bottom, contained within the element <style:table-cell-properties>*

This attribute is supported in 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-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.

- g. *The standard defines the attribute fo:border-bottom, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute fo:border-bottom, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute fo:border-bottom, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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-bottom, contained within the element <style:table-cell-properties>*

This attribute is supported in 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".

- k. *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.

- 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>.

### **2.1.1111 Part 1 Section 20.176.4, fo:border-left**

- a. *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.

- b. *The standard defines the attribute fo:border-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:border-left, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

171. Page borders with widths that cannot be generated by Word are normalized to the default border width.

172. 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-left, contained within the element <style:paragraph-properties>*

This attribute is supported in 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-left, contained within the element <style:table-cell-properties>*

This attribute is supported in 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-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.

- g. *The standard defines the attribute fo:border-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute fo:border-left, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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-left, contained within the element <style:table-cell-properties>*

This attribute is supported in 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".

- k. *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.

- l. *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>.

### 2.1.1112 Part 1 Section 20.176.5, fo:border-right

- a. *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.

- b. *The standard defines the attribute fo:border-right, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:border-right, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

173. Page borders with widths that cannot be generated by Word are normalized to the default border width.

174. 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:paragraph-properties>*

This attribute is supported in 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-right, contained within the element <style:table-cell-properties>*

This attribute is supported in 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-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.

- g. *The standard defines the attribute fo:border-right, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute fo:border-right, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute fo:border-right, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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-right, contained within the element <style:table-cell-properties>*

This attribute is supported in 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".

- k. *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.

- l. *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>.

### **2.1.1113 Part 1 Section 20.176.6, fo:border-top**

- a. *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.

- b. *The standard defines the attribute fo:border-top, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:border-top, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

175. Page borders with widths that cannot be generated by Word are normalized to the default border width.

176. 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-top, contained within the element <style:paragraph-properties>*

This attribute is supported in 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:table-cell-properties>*

This attribute is supported in 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-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.

- g. *The standard defines the attribute fo:border-top, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute fo:border-top, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute fo:border-top, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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:table-cell-properties>*

This attribute is supported in 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".

- k. *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.

- l. *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>.

### **2.1.1114 Part 1 Section 20.177, fo: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 attribute fo:break-after, contained within the element <style:table-column-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:break-after, contained within the element <style:table-properties>*

This attribute is supported in 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.

- d. *The standard defines the attribute fo:break-after, contained within the element <style:table-row-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute fo:break-after, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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>

- f. *The standard defines the attribute fo:break-after, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *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>.
- h. *The standard defines the attribute fo:break-after, contained within the element <style:table-column-properties>*
- i. *The standard defines the attribute fo:break-after, contained within the element <style:table-properties>*
- j. *The standard defines the attribute fo:break-after, contained within the element <style:table-row-properties>*

### **2.1.1115 Part 1 Section 20.178, fo:break-before**

- a. *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.

- b. *The standard defines the attribute fo:break-before, contained within the element <style:table-column-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:break-before, contained within the element <style:table-properties>*

This attribute is supported in 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.

- d. *The standard defines the attribute fo:break-before, contained within the element <style:table-row-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the attribute fo:break-before, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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>

- f. *The standard defines the attribute fo:break-before, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *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>.

- h. *The standard defines the attribute fo:break-before, contained within the element <style:table-column-properties>*

- i. *The standard defines the attribute fo:break-before, contained within the element <style:table-properties>*

- j. *The standard defines the attribute fo:break-before, contained within the element <style:table-row-properties>*

### **2.1.1116 Part 1 Section 20.179, fo:clip**

- 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".

### **2.1.1117 Part 1 Section 20.180, fo:color**

- a. *The standard defines the attribute fo: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 fo:color, 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

- 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>.

### **2.1.1118 Part 1 Section 20.182, fo:font-family**

- a. *The standard defines the attribute fo:font-family, contained within the element <style:text-properties>*

This attribute is supported in 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 fo:font-family, contained within the element <style:text-properties>*

This attribute is not supported in 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: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>.

### **2.1.1119 Part 1 Section 20.183, fo:font-size**

- a. *The standard defines the attribute fo:font-size, contained within the element <style:text-properties>*

This attribute is supported in 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 fo:font-size, 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

- c. *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>.

### 2.1.1120 Part 1 Section 20.184, fo:font-style

- a. *The standard defines the attribute fo:font-style, 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 fo:font-style, contained within the element <style:text-properties>*

This attribute is supported in 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
- c. *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 2013, Excel 2016, or Excel 2019.

On load, and on save, Excel maps the fo:font-style attribute to italic.

- d. *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>.

### **2.1.1121 Part 1 Section 20.185, fo:font-variant**

- a. *The standard defines the attribute fo:font-variant, contained within the element <style:text-properties>*

This attribute is supported in 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 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 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 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>.

## 2.1.1122 Part 1 Section 20.186, fo:font-weight

- a. *The standard defines the attribute fo:font-weight, contained within the element <style:text-properties>*

This attribute is supported in 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 fo:font-weight, contained within the element <style:text-properties>*

This attribute is supported in 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".

- c. *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 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".

- d. *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 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".

- e. *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 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 "400", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in 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 "500", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in 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 "600", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in 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 "700", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in 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 "800", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in 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 "900", contained within the attribute fo:font-weight, contained within the element <style:text-properties>*

This property is not supported in 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 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.

### 2.1.1123 Part 1 Section 20.187, fo:height

- a. *The standard defines the attribute fo:height, contained within the element <style:list-level-properties>*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- b. *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.

- c. *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>.

### 2.1.1124 Part 1 Section 20.188, fo:hyphenate

- a. *The standard defines the attribute fo:hyphenate, contained within the element <style:text-properties>*

This attribute is supported in 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 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>.

### **2.1.1125 Part 1 Section 20.189, fo: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 2013, Word 2016, or Word 2019. For details about how Word handles hyphenation, refer to [\[MS-DOCX\]](#) section 2.3.7 and [MS-DOCX] section 2.3.8.

**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 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>.

### **2.1.1126 Part 1 Section 20.190, fo:hyphenation-ladder-count**

- a. *The standard defines the attribute fo:hyphenation-ladder-count, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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 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>.

### **2.1.1127 Part 1 Section 20.191, fo: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 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 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>.

### **2.1.1128 Part 1 Section 20.192, fo: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 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 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>.

### 2.1.1129 Part 1 Section 20.193, fo:keep-together

- a. *The standard defines the attribute fo:keep-together, 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 fo:keep-together, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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>.

- d. *The standard defines the attribute fo:keep-together, contained within the element <style:table-row-properties>*

### 2.1.1130 Part 1 Section 20.194, fo:keep-with-next

- a. *The standard defines the attribute fo:keep-with-next, 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 fo:keep-with-next, contained within the element <style:table-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:keep-with-next, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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:keep-with-next, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *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>.

- f. *The standard defines the attribute fo:keep-with-next, contained within the element <style:table-properties>*

### 2.1.1131 Part 1 Section 20.195, fo:language

- a. *The standard defines the attribute fo:language, 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.

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.

### 2.1.1132 Part 1 Section 20.196, fo:letter-spacing

- a. *The standard defines the attribute fo: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.

- b. *The standard defines the attribute fo:letter-spacing, contained within the element <style:text-properties>*

This attribute is not supported in 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: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>.

### 2.1.1133 Part 1 Section 20.197, fo:line-height

- a. *The standard defines the attribute fo:line-height, 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.

- b. *The standard defines the attribute fo:line-height, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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>.

### **2.1.1134 Part 1 Section 20.198, fo:margin**

- a. *The standard defines the attribute fo:margin, contained within the element <style:graphic-properties>*

This attribute is not supported in 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:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:margin, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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:margin, contained within the element <style:table-properties>*

This attribute is supported in 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.

- e. *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

- f. *The standard defines the attribute fo:margin, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute fo:margin, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute fo:margin, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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:margin, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- j. *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>
- k. *The standard defines the attribute fo:margin, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *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>.

- m. *The standard defines the attribute fo:margin, contained within the element <style:table-properties>*

### **2.1.1135 Part 1 Section 20.199, fo:margin-bottom**

- a. *The standard defines the attribute fo:margin-bottom, contained within the element <style:graphic-properties>*

This attribute is not supported in 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-bottom, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:margin-bottom, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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:margin-bottom`, contained within the element `<style:table-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *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

- f. *The standard defines the attribute `fo:margin-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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".

- g. *The standard defines the attribute fo:margin-bottom, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *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>.

- i. *The standard defines the attribute fo:margin-bottom, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *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".

- k. *The standard defines the attribute fo:margin-bottom, contained within the element <style:table-properties>*

### **2.1.1136 Part 1 Section 20.201, fo:margin-right**

- a. *The standard defines the attribute fo:margin-right, contained within the element <style:graphic-properties>*

This attribute is not supported in 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:header-footer-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `fo:margin-right`, 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.

- d. *The standard defines the attribute `fo:margin-right`, 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.

- e. *The standard defines the attribute `fo:margin-right`, contained within the element `<style:table-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- f. *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

- g. *The standard defines the attribute `fo:margin-right`, contained within the element `<style:paragraph-properties>`*

This attribute is supported in 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.

- h. *The standard defines the attribute fo:margin-right, contained within the element <style:section-properties>*

This attribute is not supported in 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:margin-right, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- j. *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>.

- k. *The standard defines the attribute fo:margin-right, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *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.

- m. *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>.

- n. *The standard defines the attribute fo:margin-right, contained within the element <style:table-properties>*

## 2.1.1137 Part 1 Section 20.202, fo:margin-top

- a. *The standard defines the attribute fo:margin-top, contained within the element <style:graphic-properties>*

This attribute is not supported in 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:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:margin-top, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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:margin-top, contained within the element <style:table-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- e. *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

- f. *The standard defines the attribute fo:margin-top, contained within the element <style:page-layout-properties>*

This attribute is supported in 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".



- g. *The standard defines the attribute fo:margin-top, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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".

- h. *The standard defines the attribute fo:margin-top, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *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>.

- j. *The standard defines the attribute fo:margin-top, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *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".

- l. *The standard defines the attribute fo:margin-top, contained within the element <style:table-properties>*

### **2.1.1138 Part 1 Section 20.207, fo:orphans**

- a. *The standard defines the attribute fo:orphans, contained within the element <style:paragraph-properties>*

This attribute is supported in 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 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>.

### **2.1.1139 Part 1 Section 20.208, fo:page-height**

- a. *The standard defines the attribute fo:page-height, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.1140 Part 1 Section 20.209, fo:page-width**

- a. *The standard defines the attribute fo:page-width, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

### **2.1.1141 Part 1 Section 20.210, fo:padding**

- a. *The standard defines the attribute fo:padding, contained within the element <style:graphic-properties>*

This attribute is not supported in 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, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:padding, contained within the element <style:paragraph-properties>*

Word 2013, Word 2016, and Word 2019 support this attribute for values up to 31pt (0.4305in) when the style:paragraph-properties element also has an fo:border attribute.

OfficeArt Math in Word 2013, Word 2016, and Word 2019 does not support this attribute on save for text in SmartArt and chart titles and labels.

- d. *The standard defines the attribute fo:padding, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019 .

- e. *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

- f. *The standard defines the attribute fo:padding, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute fo:padding, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute fo:padding, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- j. *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, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *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>.

- m. *The standard defines the attribute fo:padding, contained within the element <style:table-cell-properties>*

## **2.1.1142 Part 1 Section 20.211, fo:padding-bottom**

- a. *The standard defines the attribute fo:padding-bottom, contained within the element <style:graphic-properties>*

This attribute is not supported in 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:padding-bottom, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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-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

- e. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `fo:padding-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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-bottom, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *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>.

- j. *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>.

### **2.1.1143 Part 1 Section 20.212, fo:padding-left**

- a. *The standard defines the attribute fo:padding-left, contained within the element <style:graphic-properties>*

This attribute is not supported in 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:padding-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute fo:padding-left, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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-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

- e. *The standard defines the attribute fo:padding-left, contained within the element <style:header-footer-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute fo:padding-left, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute fo:padding-left, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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:table-cell-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *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>.

- j. *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>.

#### **2.1.1144 Part 1 Section 20.213, fo:padding-right**

- a. *The standard defines the attribute fo:padding-right, contained within the element <style:graphic-properties>*

This attribute is not supported in 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:padding-right`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `fo:padding-right`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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: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 `fo:padding-right`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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>
- f. *The standard defines the attribute fo:padding-right, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *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>.

- h. *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>.

### **2.1.1145 Part 1 Section 20.214, fo:padding-top**

- a. *The standard defines the attribute fo:padding-top, contained within the element <style:graphic-properties>*

This attribute is not supported in 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:padding-top, contained within the element <style:header-footer-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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-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

- e. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- g. *The standard defines the attribute `fo:padding-top`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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-top, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *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>.

- j. *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>.

### **2.1.1146 Part 1 Section 20.215, fo:script**

- a. *The standard defines the attribute fo:script, contained within the element <style:text-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

## 2.1.1147 Part 1 Section 20.216, fo:text-align

- a. *The standard defines the attribute fo:text-align, contained within the element <style:list-level-properties>*

**OfficeArt Math** in Word 2013 does not support this attribute on save for text in SmartArt.

- b. *The standard defines the attribute fo:text-align, 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 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.

- d. *The standard defines the attribute fo:text-align, contained within the element <style:paragraph-properties>*

This attribute is supported in 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".

- e. *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 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.

- f. *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 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.

- g. *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>.

- h. *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".

### 2.1.1148 Part 1 Section 20.217, fo:text-align-last

- a. *The standard defines the attribute fo:text-align-last, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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 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 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 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 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".

### **2.1.1149 Part 1 Section 20.219, fo:text-shadow**

- a. *The standard defines the attribute fo:text-shadow, 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 fo:text-shadow, contained within the element <style:text-properties>*

This attribute is supported in 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.

### **2.1.1150 Part 1 Section 20.220, fo:text-transform**

- 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.

- 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 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 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute fo:text-transform, contained within the element <style:text-properties>*

This attribute is not supported in 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".

- e. *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 2013, Excel 2016, or Excel 2019.

- f. *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 2013, Excel 2016, or Excel 2019.

- g. *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 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or Excel 2019.

- i. *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".

### 2.1.1151 Part 1 Section 20.221, fo:widows

- a. *The standard defines the attribute fo:widows, contained within the element <style:paragraph-properties>*

This attribute is supported in 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 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>.

### 2.1.1152 Part 1 Section 20.222, fo:width

- a. *The standard defines the attribute fo:width, contained within the element <style:list-level-properties>*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- b. *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

- c. *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>.

### 2.1.1153 Part 1 Section 20.223, fo:wrap-option

- a. *The standard defines the attribute fo:wrap-option, 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:wrap-option, 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:wrap-option, 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>.

- d. *The standard defines the attribute fo:wrap-option, contained within the element <style:table-cell-properties>*

### **2.1.1154 Part 1 Section 20.226, presentation:display-date-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 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.

### **2.1.1155 Part 1 Section 20.227, presentation: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 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.

### **2.1.1156 Part 1 Section 20.228, presentation: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 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.

### **2.1.1157 Part 1 Section 20.229, presentation: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 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.

### **2.1.1158 Part 1 Section 20.231, presentation:transition-speed**

- a. *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 2013 and PowerPoint 2016.

The default value for the transition speed is "medium".

### **2.1.1159 Part 1 Section 20.232, presentation:transition-style**

- a. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- b. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- c. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- d. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- e. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- f. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- g. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- h. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- i. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- j. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- k. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- l. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- n. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- p. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- q. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- r. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- s. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- t. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- u. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- v. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- w. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- x. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- y. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- z. *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 2013, PowerPoint 2016, or PowerPoint 2019.
- aa. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- bb. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- cc. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- dd. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ee. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ff. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- gg. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- hh. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ii. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- jj. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- kk. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- ll. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- mm. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- nn. *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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1160 Part 1 Section 20.233, presentation: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 2013 and PowerPoint 2016.

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 "semi-automatic", contained within the attribute presentation:transition-type, contained within the element <style:drawing-page-properties>*

This property is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

PowerPoint treats semi-automatic the same way as manual.

### **2.1.1161 Part 1 Section 20.239, style:auto-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 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 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>.

### 2.1.1162 Part 1 Section 20.240, style: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 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 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>.

### 2.1.1163 Part 1 Section 20.241, style: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`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in 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`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- 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`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:border-line-width`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- 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`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *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>`.

### **2.1.1164 Part 1 Section 20.242, `style:border-line-width-bottom`**

- a. *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.

- 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 2013, Word 2016, or Word 2019.

- c. *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 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-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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-bottom`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- f. *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.

- 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 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:border-line-width-bottom`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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-bottom`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- k. *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.

- 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 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *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>.

### **2.1.1165 Part 1 Section 20.243, style:border-line-width-left**

- a. *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.

- b. *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 2013, Word 2016, or Word 2019.

- 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 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-left, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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-left, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- f. *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.

- g. *The standard defines the attribute `style:border-line-width-left`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- h. *The standard defines the attribute `style:border-line-width-left`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:border-line-width-left`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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-left`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- k. *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.

- l. *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>`.

- m. *The standard defines the attribute `style:border-line-width-left`, contained within the element `<style:table-cell-properties>`*

### **2.1.1166 Part 1 Section 20.244, `style:border-line-width-right`**

- a. *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.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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 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:paragraph-properties>`*

This attribute is not supported in 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-right`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- f. *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.

- g. *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 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or Excel 2019.

- 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 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-right`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- k. *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.

- l. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *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>`.

### **2.1.1167 Part 1 Section 20.245, `style:border-line-width-top`**

- a. *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.

- b. *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 2013, Word 2016, or Word 2019.

- c. *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 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-top`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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:table-cell-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- f. *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.

- g. *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 2013, Excel 2016, or Excel 2019.

- h. *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 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:border-line-width-top`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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:table-cell-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- k. *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.

- l. *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 2013, PowerPoint 2016, or PowerPoint 2019.

- m. *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>`.

### **2.1.1168 Part 1 Section 20.246, `style: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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:cell-protect`, contained within the element `<table:table>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `style:cell-protect`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the attribute `style:cell-protect`, contained within the element `<style:table-cell-properties>`*

### **2.1.1169 Part 1 Section 20.248, `style:country-asian`**

- a. *The standard defines the attribute `style:country-asian`, contained within the element `<style:text-properties>`*

This attribute is supported in 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.

- b. *The standard defines the attribute style:country-asian, contained within the element <style:text-properties>*

This attribute is not supported in 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 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.

- c. *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.

### 2.1.1170 Part 1 Section 20.249, style:country-complex

- a. *The standard defines the attribute style:country-complex, contained within the element <style:text-properties>*

This attribute is supported in 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.

- b. *The standard defines the attribute style:country-complex, contained within the element <style:text-properties>*

This attribute is not supported in 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.

- c. *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.

### **2.1.1171 Part 1 Section 20.250, style: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 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 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:decimal-places, contained within the element <style:table-cell-properties>*

### **2.1.1172 Part 1 Section 20.251, style:diagonal-bl-tr**

- 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 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:diagonal-bl-tr, contained within the element <style:table-cell-properties>*

This attribute is supported in 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".

### **2.1.1173 Part 1 Section 20.252, style:diagonal-bl-tr-widths**

- a. *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 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:diagonal-bl-tr-widths, contained within the element <style:table-cell-properties>*

### **2.1.1174 Part 1 Section 20.253, style:diagonal-tl-br**

- a. *The standard defines the attribute style:diagonal-tl-br, contained within the element <style:table-cell-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:diagonal-tl-br, contained within the element <style:table-cell-properties>*

This attribute is supported in 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".

### **2.1.1175 Part 1 Section 20.254, style:diagonal-tl-br-widths**

- a. *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 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:diagonal-tl-br-widths`, contained within the element `<style:table-cell-properties>`*

#### **2.1.1176 Part 1 Section 20.255, style:direction**

- a. *The standard defines the attribute `style:direction`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:direction`, contained within the element `<style:table-cell-properties>`*

#### **2.1.1177 Part 1 Section 20.256, style: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 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 2013, Excel 2016, or Excel 2019.

#### **2.1.1178 Part 1 Section 20.257, style:editable**

- a. *The standard defines the attribute `style:editable`, contained within the element `<style:graphic-properties>`*

This attribute is not supported in 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1179 Part 1 Section 20.258, style: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 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 not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1180 Part 1 Section 20.259, style: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 2013, Word 2016, or Word 2019.

### **2.1.1181 Part 1 Section 20.261, style:font-charset-asian**

- a. *The standard defines the attribute style:font-charset-asian, contained within the element <style:text-properties>*

This attribute is not supported in 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-charset-asian, contained within the element <style:text-properties>*

This attribute is not supported in 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: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>.

### **2.1.1182 Part 1 Section 20.262, style:font-charset-complex**

- a. *The standard defines the attribute style:font-charset-complex, contained within the element <style:text-properties>*

This attribute is not supported in 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-charset-complex, contained within the element <style:text-properties>*

This attribute is not supported in 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: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>.

### 2.1.1183 Part 1 Section 20.263, style:font-family-asian

- a. *The standard defines the attribute style:font-family-asian, contained within the element <style:text-properties>*

This attribute is supported in 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.

- b. *The standard defines the attribute style:font-family-asian, contained within the element <style:text-properties>*

This attribute is not supported in 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: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>.

### 2.1.1184 Part 1 Section 20.264, style:font-family-complex

- a. *The standard defines the attribute style:font-family-complex, contained within the element <style:text-properties>*

This attribute is supported in 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-complex, contained within the element <style:text-properties>*

This attribute is not supported in 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: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>.

### **2.1.1185 Part 1 Section 20.266, style:font-family-generic-asian**

- a. *The standard defines the attribute style:font-family-generic-asian, contained within the element <style:text-properties>*

This attribute is not supported in 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 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: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>.

### **2.1.1186 Part 1 Section 20.267, style:font-family-generic-complex**

- a. *The standard defines the attribute style:font-family-generic-complex, contained within the element <style:text-properties>*

This attribute is not supported in 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-complex, contained within the element <style:text-properties>*

This attribute is not supported in 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: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>.

### **2.1.1187 Part 1 Section 20.268, style:font-independent-line-spacing**

- a. *The standard defines the attribute style:font-independent-line-spacing, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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-independent-line-spacing, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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: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>.

### 2.1.1188 Part 1 Section 20.269, style:font-name

- a. *The standard defines the attribute style:font-name, contained within the element <style:list-level-properties>*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- b. *The standard defines the attribute style:font-name, 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: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.

- d. *The standard defines the attribute style:font-name, contained within the element <style:text-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. 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, 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>.

- f. *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.

### **2.1.1189 Part 1 Section 20.270, style:font-name-asian**

- a. *The standard defines the attribute style:font-name-asian, 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 attribute style:font-name-asian, contained within the element <style:text-properties>*

This attribute is not supported in 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.

- c. *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.

### **2.1.1190 Part 1 Section 20.271, `style:font-name-complex`**

- a. *The standard defines the attribute `style:font-name-complex`, 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 attribute `style:font-name-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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.

- c. *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.

## **2.1.1191 Part 1 Section 20.273, style:font-pitch-asian**

- a. *The standard defines the attribute style:font-pitch-asian, contained within the element <style:text-properties>*

This attribute is not supported in 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 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: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>.

### **2.1.1192 Part 1 Section 20.274, style:font-pitch-complex**

- a. *The standard defines the attribute `style:font-pitch-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>.

### **2.1.1193 Part 1 Section 20.275, style:font-relief**

- a. *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.

- b. *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.

- c. *The standard defines the attribute `style:font-relief`, contained within the element `<style:text-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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

- e. *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

- f. *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>.
- g. *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>.

### **2.1.1194 Part 1 Section 20.276, style:font-size-asian**

- a. *The standard defines the attribute style:font-size-asian, contained within the element <style:text-properties>*

This attribute is supported in 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 not supported in 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: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>`.

### **2.1.1195 Part 1 Section 20.277, `style:font-size-complex`**

- a. *The standard defines the attribute `style:font-size-complex`, contained within the element `<style:text-properties>`*

This attribute is supported in 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-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>`.

### **2.1.1196 Part 1 Section 20.278, `style:font-size-rel`**

- a. *The standard defines the attribute `style:font-size-rel`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>`.

### **2.1.1197 Part 1 Section 20.279, style:font-size-rel-asian**

- a. *The standard defines the attribute `style:font-size-rel-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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 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: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>`.

### **2.1.1198 Part 1 Section 20.280, style:font-size-rel-complex**

- a. *The standard defines the attribute `style:font-size-rel-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>`.

### **2.1.1199 Part 1 Section 20.281, style:font-style-asian**

- a. *The standard defines the attribute `style:font-style-asian`, 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:font-style-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>`.

### **2.1.1200 Part 1 Section 20.282, `style:font-style-complex`**

- a. *The standard defines the attribute `style:font-style-complex`, 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:font-style-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>`.

### **2.1.1201 Part 1 Section 20.283, `style:font-style-name`**

- a. *The standard defines the attribute `style:font-style-name`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>`.

### **2.1.1202 Part 1 Section 20.284, `style:font-style-name-asian`**

- a. *The standard defines the attribute `style:font-style-name-asian`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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 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: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>`.

### **2.1.1203 Part 1 Section 20.285, `style:font-style-name-complex`**

- a. *The standard defines the attribute `style:font-style-name-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>`.

### **2.1.1204 Part 1 Section 20.286, `style:font-weight-asian`**

- a. *The standard defines the attribute `style:font-weight-asian`, contained within the element `<style:text-properties>`*

This attribute is supported in 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 not supported in 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".

- c. *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.

### **2.1.1205 Part 1 Section 20.287, style:font-weight-complex**

- a. *The standard defines the attribute `style:font-weight-complex`, contained within the element `<style:text-properties>`*

This attribute is supported in 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-complex`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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".

- c. *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.

### **2.1.1206 Part 1 Section 20.288, `style:footnote-max-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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1207 Part 1 Section 20.289, `style:glyph-orientation-vertical`**

- a. *The standard defines the attribute `style:glyph-orientation-vertical`, contained within the element `<style:table-cell-properties>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the property "0", contained within the attribute `style:glyph-orientation-vertical`, contained within the element `<style:table-cell-properties>`*

This property is supported in Word 2013, Word 2016, and Word 2019.

- c. *The standard defines the property "0deg", contained within the attribute style:glyph-orientation-vertical, contained within the element <style:table-cell-properties>*

This property is supported in Word 2013, Word 2016, and Word 2019.

- d. *The standard defines the property "0rad", contained within the attribute style:glyph-orientation-vertical, contained within the element <style:table-cell-properties>*

This property is supported in Word 2013, Word 2016, and Word 2019.

- e. *The standard defines the attribute style:glyph-orientation-vertical, contained within the element <style:table-cell-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- f. *The standard defines the attribute style:glyph-orientation-vertical, contained within the element <style:table-cell-properties>*

### **2.1.1208 Part 1 Section 20.291, style:horizontal-rel**

- 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 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 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 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 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 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-end-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in 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.

- g. *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 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.

- h. *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 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 "paragraph-end-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in 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-start-margin", contained within the attribute style:horizontal-rel, contained within the element <style:graphic-properties>*

This property is not supported in 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.

### **2.1.1209 Part 1 Section 20.292, style:join-border**

- a. *The standard defines the attribute style:join-border, contained within the element <style:paragraph-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.1210 Part 1 Section 20.293, style: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 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 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>.

### **2.1.1211 Part 1 Section 20.294, style:language-asian**

- a. *The standard defines the attribute style:language-asian, contained within the element <style:text-properties>*

This attribute is supported in 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.

This attribute is supported in 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.

- b. *The standard defines the attribute style:language-asian, contained within the element <style:text-properties>*

This attribute is not supported in 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 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.

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.

- c. *The standard defines the attribute style: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.

#### **2.1.1212 Part 1 Section 20.295, style:language-complex**

- a. *The standard defines the attribute style:language-complex, contained within the element <style:text-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

#### **2.1.1213 Part 1 Section 20.296, style: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1214 Part 1 Section 20.298, style: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1215 Part 1 Section 20.299, style:layout-grid-display**

- a. *The standard defines the attribute `style:layout-grid-display`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `style:layout-grid-display`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1216 Part 1 Section 20.300, style:layout-grid-lines**

- a. *The standard defines the attribute `style:layout-grid-lines`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 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 PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1217 Part 1 Section 20.301, style:layout-grid-mode**

- a. *The standard defines the attribute `style:layout-grid-mode`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 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 PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1218 Part 1 Section 20.302, style:layout-grid-print**

- a. *The standard defines the attribute style:layout-grid-print, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:layout-grid-print, contained within the element <style:page-layout-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:layout-grid-print, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1219 Part 1 Section 20.303, style: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1220 Part 1 Section 20.304, style: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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### 2.1.1221 Part 1 Section 20.305, style:layout-grid-snap-to

- a. *The standard defines the attribute style:layout-grid-snap-to, contained within the element <style:page-layout-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### 2.1.1222 Part 1 Section 20.307, style:line-break

- a. *The standard defines the attribute style:line-break, 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-break, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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>.

### 2.1.1223 Part 1 Section 20.308, style:letter-kerning

- a. *The standard defines the attribute style:letter-kerning, 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. 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 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".

## **2.1.1224 Part 1 Section 20.309, `style:line-height-at-least`**

- a. *The standard defines the attribute `style:line-height-at-least`, 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-height-at-least`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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>`.

### **2.1.1225 Part 1 Section 20.310, `style:line-spacing`**

- 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 not supported in 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-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>.

#### **2.1.1226 Part 1 Section 20.311, style: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 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 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:may-break-between-rows, contained within the element <style:table-properties>*

#### **2.1.1227 Part 1 Section 20.312, style:min-row-height**

- a. *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 2013, Excel 2016, or Excel 2019.

- b. *The standard defines the attribute style:min-row-height, contained within the element <style:table-row-properties>*

#### **2.1.1228 Part 1 Section 20.313, style:mirror**

- 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.

### **2.1.1229 Part 1 Section 20.318, style:number-wrapped-paragraphs**

- a. *The standard defines the attribute style:number-wrapped-paragraphs, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.1230 Part 1 Section 20.319, style: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 2013, Word 2016, or Word 2019.

### **2.1.1231 Part 1 Section 20.320, style:page-number**

- a. *The standard defines the attribute style:page-number, 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:page-number, contained within the element <style:table-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute style:page-number, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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 style:page-number, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *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>.

### **2.1.1232 Part 1 Section 20.321, style:paper-tray-name**

- 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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1233 Part 1 Section 20.322, style:print**

- a. *The standard defines the attribute style:print, contained within the element <style:page-layout-properties>*

This attribute is not supported in 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 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 "formulas", contained within the attribute style:print, contained within the element <style:page-layout-properties>*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *The standard defines the attribute style:print, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1234 Part 1 Section 20.323, style: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:table-cell-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.



- c. *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.

- d. *The standard defines the attribute `style:print-content`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *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.

- f. *The standard defines the attribute `style:print-content`, contained within the element `<style:table-cell-properties>`*

### **2.1.1235 Part 1 Section 20.324, `style: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 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 not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1236 Part 1 Section 20.325, `style:print-orientation`**

- a. *The standard defines the attribute `style:print-orientation`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

On load, PowerPoint ignores this attribute, but writes it out on save.

### **2.1.1237 Part 1 Section 20.326, `style: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:section-properties>*

This attribute is not supported in 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.

- m. *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.

- n. *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.

- o. *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".

- p. *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.

- q. *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.

- r. *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".

- s. *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".

- t. *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.

- u. *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 "".

- v. *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 "".

- w. *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".

- x. *The standard defines the attribute style:protect, contained within the element <style:section-properties>*

This attribute is not supported in 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>

- y. *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.

- z. *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.

- aa. *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".

- bb. *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 "".

- cc. *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.

- dd. *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".

- ee. *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".

- ff. *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.

- gg. *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 "".

- hh. *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 "".

- ii. *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".

- jj. *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>`.

### **2.1.1238 Part 1 Section 20.327, `style:punctuation-wrap`**

- a. *The standard defines the attribute `style:punctuation-wrap`, 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.

- b. *The standard defines the attribute `style:punctuation-wrap`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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>.

### 2.1.1239 Part 1 Section 20.328, style: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 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 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>.

### **2.1.1240 Part 1 Section 20.329, style:register-truth-ref-style-name**

- a. *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 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 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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1241 Part 1 Section 20.330, style:rel-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 2013, Word 2016, or Word 2019.

- b. *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 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:rel-column-width, contained within the element <style:table-column-properties>*

### **2.1.1242 Part 1 Section 20.332.2, style:table-properties**

- a. *The standard defines the attribute style:rel-width, contained within the element <style:table-properties>*

### **2.1.1243 Part 1 Section 20.334, style: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 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 2013, Excel 2016, and Excel 2019.

This attribute maps to the fill horizontal alignment property in Excel.

- c. *The standard defines the attribute style:repeat-content, contained within the element <style:table-cell-properties>*

### **2.1.1244 Part 1 Section 20.338, style: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 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 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute style:rotation-align, contained within the element <style:table-cell-properties>*

### **2.1.1245 Part 1 Section 20.339, style: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 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 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".

- c. *The standard defines the attribute style:rotation-angle, contained within the element <style:table-cell-properties>*

### **2.1.1246 Part 1 Section 20.341, style:ruby-align**

- a. *The standard defines the attribute style:ruby-align, contained within the element <style:ruby-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 "distribute-letter", contained within the attribute style:ruby-align*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the property "right", contained within the attribute style:ruby-align*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *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>
- e. *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>.

### **2.1.1247 Part 1 Section 20.342, style: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 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*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the property "above", contained within the attribute style:ruby-position*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- d. *The standard defines the property "below", contained within the attribute style:ruby-position*

This property is not supported in Excel 2013, Excel 2016, or Excel 2019.

- e. *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>

- f. *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>.

#### **2.1.1248 Part 1 Section 20.343, style: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 2013, Word 2016, or Word 2019.

#### **2.1.1249 Part 1 Section 20.344, style:scale-to**

- a. *The standard defines the attribute style:scale-to, contained within the element <style:page-layout-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute style:scale-to, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1250 Part 1 Section 20.345, style:scale-to-pages**

- a. *The standard defines the attribute style:scale-to-pages, contained within the element <style:page-layout-properties>*

This attribute is not supported in 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 Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:scale-to-pages`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1251 Part 1 Section 20.346, `style:script-asian`**

- a. *The standard defines the attribute `style:script-asian`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.1252 Part 1 Section 20.347, `style:script-complex`**

- a. *The standard defines the attribute `style:script-complex`, contained within the element `<style:text-properties>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.1253 Part 1 Section 20.348, `style: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 "latin", contained within the attribute `style:script-type`, contained within the element `<style:text-properties>`*

This property is supported in 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.

- c. *The standard defines the attribute `style:script-type`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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: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>.

### **2.1.1254 Part 1 Section 20.349, style: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:header-footer-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `style:shadow`, contained within the element `<style:page-layout-properties>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

All values for `style:shadow` property map to the default page border shadow in Word.

- d. *The standard defines the attribute `style:shadow`, 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.

- e. *The standard defines the attribute `style:shadow`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute `style:shadow`, contained within the element `<style:table-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- g. *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.

- h. *The standard defines the attribute `style:shadow`, contained within the element `<style:header-footer-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- i. *The standard defines the attribute `style:shadow`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- j. *The standard defines the attribute `style:shadow`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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:shadow`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- l. *The standard defines the attribute `style:shadow`, contained within the element `<style:table-properties>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- m. *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.

- n. *The standard defines the attribute `style:shadow`, contained within the element `<style:page-layout-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

- o. *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>`.

- p. *The standard defines the attribute `style:shadow`, contained within the element `<style:table-cell-properties>`*

### **2.1.1255 Part 1 Section 20.350, `style:shrink-to-fit`**

- a. *The standard defines the attribute `style:shrink-to-fit`, contained within the element `<style:graphic-properties>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

- b. *The standard defines the attribute `style:shrink-to-fit`, contained within the element `<style:table-cell-properties>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute `style:shrink-to-fit`, contained within the element `<style:table-cell-properties>`*

## 2.1.1256 Part 1 Section 20.351, style:snap-to-layout-grid

- a. *The standard defines the attribute style:snap-to-layout-grid, 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:snap-to-layout-grid, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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>.

## 2.1.1257 Part 1 Section 20.352, style:tab-stop-distance

- a. *The standard defines the attribute style:tab-stop-distance, 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.

- b. *The standard defines the attribute style:tab-stop-distance, contained within the element <style:paragraph-properties>*



This attribute is not supported in 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>.

### **2.1.1258 Part 1 Section 20.353, style: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 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 not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1259 Part 1 Section 20.354, style: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 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 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `style:text-align-source`, contained within the element `<style:table-cell-properties>`*

### **2.1.1260 Part 1 Section 20.355, style:text-autospace**

- a. *The standard defines the attribute `style:text-autospace`, 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:text-autospace`, contained within the element `<style:paragraph-properties>`*

This attribute is not supported in 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>`.

### **2.1.1261 Part 1 Section 20.356, style: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 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 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>`.

## **2.1.1262 Part 1 Section 20.357, `style: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 2013, Word 2016, or Word 2019.

- c. *The standard defines the attribute style:text-combine, contained within the element <style:text-properties>*

This attribute is not supported in 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, 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>.

### **2.1.1263 Part 1 Section 20.358, style:text-combine-start-char**

- a. *The standard defines the attribute style:text-combine-start-char, contained within the element <style:text-properties>*

This attribute is supported in 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.

- b. *The standard defines the attribute `style:text-combine-start-char`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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-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>`.

## 2.1.1264 Part 1 Section 20.359, style:text-combine-end-char

- a. *The standard defines the attribute style:text-combine-end-char, contained within the element <style:text-properties>*

This attribute is supported in 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-end-char, contained within the element <style:text-properties>*

This attribute is not supported in 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-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>.

### 2.1.1265 Part 1 Section 20.360, style:text-emphasize

- a. *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.

- b. *The standard defines the property "accent below", contained within the attribute style:text-emphasize, contained within the element <style:text-properties>*

This property is not supported in Word 2013, Word 2016, or Word 2019.

- c. *The standard defines the property "circle below", contained within the attribute style:text-emphasize, contained within the element <style:text-properties>*

This property is not supported in Word 2013, Word 2016, or Word 2019.

- d. *The standard defines the property "disc above", contained within the attribute style:text-emphasize, contained within the element <style:text-properties>*

This property is not supported in Word 2013, Word 2016, or Word 2019.

- e. *The standard defines the property "disc below", contained within the attribute style:text-emphasize, contained within the element <style:text-properties>*

This property is not supported in Word 2013, Word 2016, or Word 2019.

- f. *The standard defines the attribute style:text-emphasize, contained within the element <style:text-properties>*

This attribute is not supported in 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: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>`.

### **2.1.1266 Part 1 Section 20.361, `style:text-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 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 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".

### **2.1.1267 Part 1 Section 20.362, `style:text-line-through-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 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 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>.

### **2.1.1268 Part 1 Section 20.363, style:text-line-through-style**

- a. *The standard defines the attribute `style:text-line-through-style`, 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. 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 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 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 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 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 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 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 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 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 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.

## **2.1.1269 Part 1 Section 20.364, style:text-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 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-text, contained within the element <style:text-properties>*

This attribute is not supported in 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-line-through-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>.

### **2.1.1270 Part 1 Section 20.365, style:text-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 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-text-style, contained within the element <style:text-properties>*

This attribute is not supported in 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-line-through-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>.

### **2.1.1271 Part 1 Section 20.366, style:text-line-through-type**

- a. *The standard defines the attribute style:text-line-through-type, 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:text-line-through-type, contained within the element <style:text-properties>*

This attribute is not supported in 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>.

### **2.1.1272 Part 1 Section 20.367, style:text-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 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 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".

## 2.1.1273 Part 1 Section 20.368, style:text-outline

- a. *The standard defines the attribute style:text-outline, 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:text-outline, 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

- 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>.

#### **2.1.1274 Part 1 Section 20.369, style:text-overline-color**

- a. *The standard defines the attribute style:text-overline-color, contained within the element <style:text-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

#### **2.1.1275 Part 1 Section 20.370, style:text-overline-mode**

- a. *The standard defines the attribute style:text-overline-mode, contained within the element <style:text-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

#### **2.1.1276 Part 1 Section 20.371, style:text-overline-style**

- a. *The standard defines the attribute style:text-overline-style, contained within the element <style:text-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.1277 Part 1 Section 20.372, style:text-overline-type**

- a. *The standard defines the attribute style:text-overline-type, contained within the element <style:text-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.1278 Part 1 Section 20.373, style:text-overline-width**

- a. *The standard defines the attribute style:text-overline-width, contained within the element <style:text-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

### **2.1.1279 Part 1 Section 20.374, style:text-position**

- a. *The standard defines the attribute style:text-position, contained within the element <style:text-properties>*

This attribute is supported in 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 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 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 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 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 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 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 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 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 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.

### **2.1.1280 Part 1 Section 20.375, style: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 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 2013, Word 2016, or Word 2019.

- d. *The standard defines the attribute style:text-rotation-angle, contained within the element <style:text-properties>*

This attribute is not supported in 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-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>.

### **2.1.1281 Part 1 Section 20.376, style: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 attribute `style:text-rotation-scale`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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
- c. *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 2013, Excel 2016, or Excel 2019.

- d. *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 2013, Excel 2016, or Excel 2019.

- e. *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>.

## **2.1.1282 Part 1 Section 20.377, style:text-scale**

- a. *The standard defines the attribute style:text-scale, contained within the element <style:text-properties>*

This attribute is supported in 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 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>`.

## 2.1.1283 Part 1 Section 20.378, style:text-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:text-underline-color, contained within the element <style:text-properties>*

This attribute is not supported in 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-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>.



## 2.1.1284 Part 1 Section 20.379, style:text-underline-mode

- a. *The standard defines the attribute style:text-underline-mode, contained within the element <style:text-properties>*

This attribute is supported in 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 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.

## 2.1.1285 Part 1 Section 20.380, style:text-underline-style

- a. *The standard defines the attribute style:text-underline-style, 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:text-underline-style, contained within the element <style:text-properties>*

This attribute is supported in 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 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 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 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 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 2013, Excel 2016, or Excel 2019.

The property "long-dash" maps to "solid underline".

- h. *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 2013, Excel 2016, or Excel 2019.

The property "long-dash" maps to "solid underline".

- i. *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".

## 2.1.1286 Part 1 Section 20.381, style:text-underline-type

- a. *The standard defines the attribute style:text-underline-type, 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:text-underline-type, contained within the element <style:text-properties>*

This attribute is supported in 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.

### **2.1.1287 Part 1 Section 20.382, style:text-underline-width**

- a. *The standard defines the attribute `style:text-underline-width`, contained within the element `<style:text-properties>`*

Word 2013, Word 2016, and Word 2019 support this attribute for values of "auto", "bold", or "0".

- b. *The standard defines the attribute `style:text-underline-width`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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.

### **2.1.1288 Part 1 Section 20.383, `style:use-optimal-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 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 attribute `style:use-optimal-column-width`, contained within the element `<style:table-column-properties>`*

### **2.1.1289 Part 1 Section 20.384, `style:use-optimal-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 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 attribute `style:use-optimal-row-height`, contained within the element `<style:table-row-properties>`*

### **2.1.1290 Part 1 Section 20.385, `style:use-window-font-color`**

- a. *The standard defines the attribute `style:use-window-font-color`, 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 attribute `style:use-window-font-color`, contained within the element `<style:text-properties>`*

This attribute is not supported in 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>.

### 2.1.1291 Part 1 Section 20.387, style:vertical-pos

- a. *The standard defines the attribute style:vertical-pos, contained within the element <style:list-level-properties>*

This attribute is not supported in 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.

- b. *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.

- c. *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>.



## 2.1.1292 Part 1 Section 20.388, style:vertical-rel

- 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 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 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 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 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 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-content", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in 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.

- g. *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 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 "text", contained within the attribute style:vertical-rel, contained within the element <style:graphic-properties>*

This property is not supported in 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.

- i. *The standard defines the attribute style:vertical-rel, contained within the element <style:list-level-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

Word ignores the style:vertical-rel property on load, but writes it out on save.

### **2.1.1293 Part 1 Section 20.389, style:width**

- a. *The standard defines the attribute style:width, contained within the element <style:table-properties>*

### **2.1.1294 Part 1 Section 20.390, style:wrap**

- a. *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 2013, Word 2016, or Word 2019.

### **2.1.1295 Part 1 Section 20.391, style:wrap-contour**

- a. *The standard defines the attribute style:wrap-contour, contained within the element <style:graphic-properties>*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

### **2.1.1296 Part 1 Section 20.392, style:wrap-contour-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 2013, Word 2016, or Word 2019.

### **2.1.1297 Part 1 Section 20.393, style:wrap-dynamic-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 2013, Word 2016, or Word 2019.

### **2.1.1298 Part 1 Section 20.394, style:writing-mode**

- a. *The standard defines the attribute style:writing-mode, 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. 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 property "lr", contained within the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This property is not supported in 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.

- 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 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 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 "tb", contained within the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This property is not supported in 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.

- f. *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.

- g. *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 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.

- h. *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 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.

- i. *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.

- j. *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 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.

- k. *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 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.

- l. *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 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.

- m. *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 2013, Word 2016, or Word 2019.

- n. *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 2013, Word 2016, or Word 2019.

- o. *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 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.

- p. *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 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.

- q. *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".

- r. *The standard defines the attribute style:writing-mode, contained within the element <style:paragraph-properties>*

This attribute is supported in 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.

- s. *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 2013, Excel 2016, or Excel 2019.

On load, when encountering this value, Excel will set the reading order to left-to-right.

- t. *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 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.

- u. *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 2013, Excel 2016, or Excel 2019.

On load, when encountering this value, Excel will set the reading order to right-to-left.

- v. *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 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.

- w. *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 2013, Excel 2016, or Excel 2019.

On load, when encountering this value, Excel will set the reading order to left-to-right.

- x. *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 2013, Excel 2016, or Excel 2019.

On load, when encountering this value, Excel will set the reading order to right-to-left.

- y. *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>
- z. *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 2013, Excel 2016, or Excel 2019.
- aa. *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 2013, Excel 2016, or Excel 2019.
- bb. *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 2013, Excel 2016, or Excel 2019.
- cc. *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 2013, Excel 2016, or Excel 2019.
- dd. *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 2013, Excel 2016, or Excel 2019.
- ee. *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 2013, Excel 2016, or Excel 2019.
- ff. *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".

gg. *The standard defines the attribute style:writing-mode, contained within the element <style:page-layout-properties>*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

hh. *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.

ii. *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>.

## **2.1.1299 Part 1 Section 20.394.6, style:table-cell-properties**

a. *The standard defines the property "page", contained within the attribute style:table-cell-properties, contained within the element <style:table-cell-properties>*

This property is supported in Word 2013, Word 2016, and Word 2019.



On load, Word uses the application default text direction for the current language.

- b. *The standard defines the property "rl", contained within the attribute style:table-cell-properties, contained within the element <style:table-cell-properties>*

This property is supported in Word 2013, Word 2016, and Word 2019.

On load, Word uses the application default text direction for the current language.

- c. *The standard defines the property "tb", contained within the attribute style:table-cell-properties, contained within the element <style:table-cell-properties>*

This property is supported in Word 2013, Word 2016, and Word 2019.

On load, Word uses the application default text direction for the current language.

- d. *The standard defines the property "tb-lr", contained within the attribute style:table-cell-properties, contained within the element <style:table-cell-properties>*

This property is supported in Word 2013, Word 2016, and Word 2019.

On load, Word uses the application default text direction for the current language.

- e. *The standard defines the property "tb-rl", contained within the attribute style:table-cell-properties, contained within the element <style:table-cell-properties>*

This property is supported in Word 2013, Word 2016, and Word 2019.

On load, Word uses the application default text direction for the current language.

### **2.1.1300 Part 1 Section 20.395, style:writing-mode-automatic**

- a. *The standard defines the attribute style:writing-mode-automatic, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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 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>`.

### **2.1.1301 Part 1 Section 20.396, `svg: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>

### **2.1.1302 Part 1 Section 20.398, svg:stroke-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>

### **2.1.1303 Part 1 Section 20.399, svg:stroke-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>`

#### **2.1.1304 Part 1 Section 20.400, `svg:stroke-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>

#### **2.1.1305 Part 1 Section 20.402.2, style:list-level-properties**

- a. *The standard defines the attribute `svg:y`, contained within the element <style:list-level-properties>*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

#### **2.1.1306 Part 1 Section 20.404, table:align**

- a. *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 2013, Word 2016, or Word 2019.

On load, Word treats this value for the `table:align` attribute as "left".

- b. *The standard defines the attribute `table:align`, contained within the element <style:table-properties>*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:align`, contained within the element <style:table-properties>*

#### **2.1.1307 Part 1 Section 20.405, table:border-model**

- a. *The standard defines the attribute `table:border-model`, contained within the element <style:table-properties>*

This attribute is not supported in 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 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `table:border-model`, contained within the element `<style:table-properties>`*

#### **2.1.1308 Part 1 Section 20.406, `table:display`**

- a. *The standard defines the attribute `table:display`, contained within the element `<style:table-properties>`*

#### **2.1.1309 Part 1 Section 20.409, `text:animation`**

- a. *The standard defines the attribute `text:animation`, contained within the element `<style:graphics-properties>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1310 Part 1 Section 20.410, `text: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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1311 Part 1 Section 20.411, `text: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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1312 Part 1 Section 20.412, `text: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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1313 Part 1 Section 20.413, `text: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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1314 Part 1 Section 20.414, `text: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 2013, PowerPoint 2016, or PowerPoint 2019.

#### **2.1.1315 Part 1 Section 20.415, `text: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 2013, PowerPoint 2016, or PowerPoint 2019.

### **2.1.1316 Part 1 Section 20.418, text:dont-balance-text-columns**

- a. *The standard defines the attribute text:dont-balance-text-columns, contained within the element <style:section-properties>*

This attribute is not supported in 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:dont-balance-text-columns, contained within the element <style:section-properties>*

This attribute is not supported in 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:dont-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>.

### **2.1.1317 Part 1 Section 20.420, text:line-number**

- a. *The standard defines the attribute text:line-number, contained within the element <style:paragraph-properties>*

This attribute is not supported in 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 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>`.

### **2.1.1318 Part 1 Section 20.421, `text:list-level-position-and-space-mode`**

- a. *The standard defines the attribute `text:list-level-position-and-space-mode`, contained within the element `<style:list-level-properties>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

On save, Word always writes the value "label-alignment" for this attribute.

### **2.1.1319 Part 1 Section 20.422, `text:min-label-distance`**

- a. *The standard defines the attribute `text:min-label-distance`, contained within the element `<style:list-level-properties>`*

This attribute is supported in Word 2013, Word 2016, and Word 2019.

**OfficeArt Math** in Word 2013 does not support this attribute on save for text in SmartArt.

- b. *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.

- c. *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>`.

### **2.1.1320 Part 1 Section 20.423, `text:min-label-width`**

- a. *The standard defines the attribute `text:min-label-width`, contained within the element `<style:list-level-properties>`*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- b. *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.

- c. *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>.

### **2.1.1321 Part 1 Section 20.425, text:space-before**

- a. *The standard defines the attribute `text:space-before`, contained within the element `<style:list-level-properties>`*

**OfficeArt Math** in Word 2013 supports this attribute on save for text in SmartArt.

- b. *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.

- c. *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>`.

#### **2.1.1322 Part 3 Section 4.8.11, `manifest:preferred-view-mode`**

- a. *The standard defines the attribute `manifest:preferred-view-mode`, contained within the element `<manifest:file-entry>`*

This attribute is supported in PowerPoint 2013, PowerPoint 2016, and PowerPoint 2019.

PowerPoint only supports reading a value of "presentation-slide-show"

#### **2.1.1323 Part 3 Section 4.8.14, `manifest:version`**

- a. *The standard defines the attribute `manifest:version`, contained within the element `<manifest:manifest>`*

This attribute is not supported in Word 2013, Word 2016, or Word 2019.

- b. *The standard defines the attribute `manifest:version`, contained within the element `<manifest:manifest>`*

This attribute is not supported in Excel 2013, Excel 2016, or Excel 2019.

- c. *The standard defines the attribute `manifest:version`, contained within the element `<manifest:manifest>`*

This attribute is not supported in PowerPoint 2013, PowerPoint 2016, or PowerPoint 2019.

### 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="#">2.1.864</a> Part 1 Section 19.726, table:style-name     | Clarified description of Word's handling of the table:style-name attribute in a table:table-column element. | Minor          |
| <a href="#">2.1.1125</a> Part 1 Section 20.189, fo:hyphenation-keep | Clarified description of Word's handling of the fo:hyphenation-keep attribute.                              | Minor          |

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