

[MS-OODF3]: Office Implementation Information for ODF 1.2 Standards Support

Intellectual Property Rights Notice for Open Specifications Documentation

- **Technical Documentation.** Microsoft publishes Open Specifications documentation for protocols, file formats, languages, standards as well as overviews of the interaction among each of these technologies.
- **Copyrights.** This documentation is covered by Microsoft copyrights. Regardless of any other terms that are contained in the terms of use for the Microsoft website that hosts this documentation, you may make copies of it in order to develop implementations of the technologies described in the Open Specifications and may distribute portions of it in your implementations using these technologies or your documentation as necessary to properly document the implementation. You may also distribute in your implementation, with or without modification, any schema, IDL's, or code samples that are included in the documentation. This permission also applies to any documents that are referenced in the Open Specifications.
- **No Trade Secrets.** Microsoft does not claim any trade secret rights in this documentation.
- **Patents.** Microsoft has patents that may cover your implementations of the technologies described in the Open Specifications. Neither this notice nor Microsoft's delivery of the documentation grants any licenses under those or any other Microsoft patents. However, a given Open Specification may be covered by Microsoft [Open Specification Promise](#) or the [Community Promise](#). If you would prefer a written license, or if the technologies described in the Open Specifications are not covered by the Open Specifications Promise or Community Promise, as applicable, patent licenses are available by contacting iplg@microsoft.com.
- **Trademarks.** The names of companies and products contained in this documentation may be covered by trademarks or similar intellectual property rights. This notice does not grant any licenses under those rights.
- **Fictitious Names.** The example companies, organizations, products, domain names, e-mail addresses, logos, people, places, and events depicted in this documentation are fictitious. No association with any real company, organization, product, domain name, email address, logo, person, place, or event is intended or should be inferred.

Reservation of Rights. All other rights are reserved, and this notice does not grant any rights other than specifically described above, whether by implication, estoppel, or otherwise.

Tools. The Open Specifications do not require the use of Microsoft programming tools or programming environments in order for you to develop an implementation. If you have access to Microsoft programming tools and environments you are free to take advantage of them. Certain Open Specifications are intended for use in conjunction with publicly available standard specifications and network programming art, and assumes that the reader either is familiar with the aforementioned material or has immediate access to it.

Preliminary Documentation. This Open Specification provides documentation for past and current releases and/or for the pre-release (beta) version of this technology. This Open Specification is final documentation for past or current releases as specifically noted in the document, as applicable; it is preliminary documentation for the pre-release (beta) versions. Microsoft will release final documentation in connection with the commercial release of the updated or new version of this technology. As the documentation may change between this preliminary version and the final version of this technology, there are risks in relying on preliminary documentation. To the extent that you incur additional development obligations or any other costs as a result of relying on this preliminary documentation, you do so at your own risk.

Revision Summary

Date	Revision History	Revision Class	Comments
01/20/2012	0.1	New	Released new document.
04/11/2012	0.1	No change	No changes to the meaning, language, or formatting of the technical content.
07/16/2012	0.1	No change	No changes to the meaning, language, or formatting of the technical content.

Table of Contents

1 Introduction	4
1.1 Glossary	4
1.2 References.....	4
1.2.1 Informative References	4
2 Appendix A: Product Behavior	5
2.1 Excel 15 Technical Preview	5
2.2 PowerPoint 15 Technical Preview	6
2.3 Word 15 Technical Preview	8
3 Change Tracking	11
4 Index	12

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

1.2 References

References to Microsoft Open Specifications documentation do not include a publishing year because links are to the latest version of the technical documents, which are updated frequently. References to other documents include a publishing year when one is available.

1.2.1 Informative References

] We conduct frequent surveys of the informative references to assure their continued availability. If you have any issue with finding an informative reference, please contact dochelp@microsoft.com. We will assist you in finding the relevant information. Please check the archive site, <http://msdn2.microsoft.com/en-us/library/E4BD6494-06AD-4aed-9823-445E921C9624>, as an additional source.

[MS-OODF2] Microsoft Corporation, "[Office Implementation Information for ODF 1.1 Version 2 Standards Support](#)".

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

2 Appendix A: Product Behavior

The information in this specification is applicable to the following Microsoft products or supplemental software. References to product versions include released service packs:

- Microsoft® Excel® 2013 Preview
- Microsoft® PowerPoint® 2013 Preview
- Microsoft® Word 2013 Preview

Exceptions, if any, are noted below. If a service pack or Quick Fix Engineering (QFE) number appears with the product version, behavior changed in that service pack or QFE. The new behavior also applies to subsequent service packs of the product unless otherwise specified. If a product edition appears with the product version, behavior is different in that product edition.

Unless otherwise specified, any statement of optional behavior in this specification that is prescribed using the terms SHOULD or SHOULD NOT implies product behavior in accordance with the SHOULD or SHOULD NOT prescription. Unless otherwise specified, the term MAY implies that the product does not follow the prescription.

2.1 Excel 15 Technical Preview

In addition to the ODF support described in [\[MS-ODF2\]](#) section 2.1, the following elements and attributes in [\[ODF1.2\]](#) are supported in Microsoft® Excel® 2013 Preview.

- Open Formula Support (Part 2) with <Table:Formula>
- Open Formula Support (Part 2) with <Table:condition>
- Open Formula Support (Part 2) with <Style:condition>
- Complex Name support <table:named-expressions> (Section 9.4.11)
- Table:case-sensitive (Section 19.590)
- Table:search-criteria-must-apply-to-whole-cell (Section 19.707)
- Table:use-wildcards (Section 19.744)
- <chart:angle-offset> (Section 20.2)
- <chart:automatic-content> (Section 19.14)
- <chart:auto-position> (Section 20.3)
- <chart:auto-size> (Section 20.4)
- <chart:axis-label-position> (Section 20.5)
- <chart:axis-position> (Section 20.6)
- <chart:data-label-number> (Section 20.8)
- <chart:display-equation> (Section 19.19)
- <chart:display-r-square> (Section 19.20)

- <chart:equation> (Section 11.18)
- <chart:error-category> (Section 20.13)
- <chart:error-lower-range> (Section 20.16)
- <chart:error-upper-range> (Section 20.21)
- <chart:group-bars-per-axis> (Section 20.23)
- <chart:hole-size> (Section 20.24)
- <chart:include-hidden-cells> (Section 20.25)
- <chart:label-position> (Section 20.31)
- <chart:label-separator> (Section 17.24)
- <chart:reverse-direction> (Section 20.44)
- <chart:right-angled-axes> (Section 20.45)
- <chart:treat-empty-cells> (Section 20.64)
- Digital signatures (Section 3.16)
- Stroke dash attributes on <draw:stroke-dash> (Section 16.40.9)
 - Existing attributes that now supports both length or *percentage* (new)
 - @draw:distance, @draw:dots1-length, @draw:dots2-length
- Rounded rectangle attributes on <draw:rect> (Section 10.3.2) and <draw:ellipse> (Section 10.3.9)
 - @svg:rx, @svg:ry
- Line cap attribute on <style:graphic-properties> (Section 17.21)
 - @svg:stroke-linecap
- Shrink text on overflow attribute on <style:graphic-properties> (Section 17.21) and <style:table-cell-properties> (Section 17.18)
 - @style:shrink-to-fit

2.2 PowerPoint 15 Technical Preview

In addition to the ODF support described in [\[MS-ODDF2\]](#) section 2.1, the following elements and attributes in [\[ODF1.2\]](#) are supported in Microsoft® PowerPoint® 2013 Preview.

- Table support (Sections 9.1 and 16.18).
- Last-visited-page value (Section 19.389)
- Animations on masters (Section 16.9)
- Preferred-view-mode attribute

- <chart:angle-offset> (Section 20.2)
- <chart:automatic-content> (Section 19.14)
- <chart:auto-position> (Section 20.3)
- <chart:auto-size> (Section 20.4)
- <chart:axis-label-position> (Section 20.5)
- <chart:axis-position> (Section 20.6)
- <chart:data-label-number> (Section 20.8)
- <chart:display-equation> (Section 19.19)
- <chart:display-r-square> (Section 19.20)
- <chart:equation> (Section 11.18)
- <chart:error-category> (Section 20.13)
- <chart:error-lower-range> (Section 20.16)
- <chart:error-upper-range> (Section 20.21)
- <chart:group-bars-per-axis> (Section 20.23)
- <chart:hole-size> (Section 20.24)
- <chart:include-hidden-cells> (Section 20.25)>
- <chart:label-position> (Section 20.31)
- <chart:label-separator> (Section 17.24)
- <chart:reverse-direction> (Section 20.44)
- <chart:right-angled-axes> (Section 20.45)
- <chart:treat-empty-cells> (Section 20.64)
- Digital signatures (Section 3.16)
- Stroke dash attributes on <draw:stroke-dash> (Section 16.40.9)
 - Existing attributes that now supports both length or *percentage* (new)
 - @draw:distance, @draw:dots1-length, @draw:dots2-length
- Rounded rectangle attributes on <draw:rect> (Section 10.3.2) and <draw:ellipse> (Section 10.3.9)
 - @svg:rx, @svg:ry
- Line cap attribute on <style:graphic-properties> (Section 17.21)
 - @svg:stroke-linecap

- Shrink text on overflow attribute on <style:graphic-properties> (Section 17.21) and <style:table-cell-properties> (Section 17.18)
 - @style:shrink-to-fit

2.3 Word 15 Technical Preview

In addition to the ODF support described in [\[MS-ODDF2\]](#) section 2.1, the following elements and attributes in [\[ODF1.2\]](#) are supported in Microsoft® Word 2013 Preview.

- Office:annotation, office:name (Section 14.1)
- Office:annotation-end, [NEW ELEMENT] (Section 14.2)
- Office:annotation-end, Office:name (Section 14.2)
- Style:list-level-label-alignment, [NEW ELEMENT] (Section 17.2)
- Style:list-level-label-alignment, Fo:margin-left (Section 19.239)
- Style:list-level-label-alignment, Fo:text-indent (Section 19.248)
- Style:list-level-label-alignment, Text:label-followed-by (Section 19.829)
- Style:list-level-label-alignment, Text:list-tab-stop-position (Section 19.829)
- Style:list-level-properties, Text:list-level-position-and-space-mode (Section 20.419)
- Style:list-level-properties, Fo:text-align (Section New rules (20.214.2))
- Style:list-level-properties, Text:min-label-distance (Section New rules (20.420))
- Style:list-level-properties, Text:min-label-width (Section New rules (20.421))
- Style:list-level-properties, Text:space-before (Section New rules(20.243))
- Text:outline-style, Style:name (Section 16.34)
- text:list, Text:continue-list (Section 19.782)
- text:list, Xml:id (Section 5.3.1)
- Text:alphabetical-index-source, Style:rfc-language-tag (Section 8.8.2)
- Number:date-style, Style:rfc-language-tag (Section 16.27.10)
- Number:time-style, Style:rfc-language-tag (Section 16.27.18)
- Style:text-properties, Style:rfc-language-tag (Section 16.27.28)
- Style:text-properties, Style:rfc-language-tag-asian (Section 16.27.28)
- Style:text-properties, Style:rfc-language-tag-complex (Section 16.27.28)
- Style:page-layout-properties, Style:layout-grid-mode (Section New rules (20.299))
- Style:page-layout-properties, Style:layout-grid-standard-mode (Section New rules (20.304))
- Style:default-page-layout, [NEW ELEMENT] (Section 16.8)

- Style:table-cell-properties, Style:glyph-orientation-vertical (Section New enum (20.287))
- Style:table-cell-properties, Style:writing-mode (Section 20.393.6)
- <chart:angle-offset> (Section 20.2)
- <chart:automatic-content> (Section 19.14)
- <chart:auto-position> (Section 20.3)
- <chart:auto-size> (Section 20.4)
- <chart:axis-label-position> (Section 20.5)
- <chart:axis-position> (Section 20.6)
- <chart:data-label-number> (Section 20.8)
- <chart:display-equation> (Section 19.19)
- <chart:display-r-square> (Section 19.20)
- <chart:equation> (Section 11.18)
- <chart:error-category> (Section 20.13)
- <chart:error-lower-range> (Section 20.16)
- <chart:error-upper-range> (Section 20.21)
- <chart:group-bars-per-axis> (Section 20.23)
- <chart:hole-size> (Section 20.24)
- <chart:include-hidden-cells> (Section 20.25)
- <chart:label-position> (Section 20.31)
- <chart:label-separator> (Section 17.24)
- <chart:reverse-direction> (Section 20.44)
- <chart:right-angled-axes> (Section 20.45)
- <chart:treat-empty-cells> (Section 20.64)
- Digital signatures (Section 3.16)
- Stroke dash attributes on <draw:stroke-dash> (Section 16.40.9)
 - Existing attributes that now supports both length or *percentage* (new)
 - @draw:distance, @draw:dots1-length, @draw:dots2-length
- Rounded rectangle attributes on <draw:rect> (Section 10.3.2) and <draw:ellipse> (Section 10.3.9)
 - @svg:rx, @svg:ry
- Line cap attribute on <style:graphic-properties> (Section 17.21)

- @svg:stroke-linecap
- Shrink text on overflow attribute on <style:graphic-properties> (Section 17.21) and <style:table-cell-properties> (Section 17.18)
- @style:shrink-to-fit

Preliminary

3 Change Tracking

No table of changes is available. The document is either new or has had no changes since its last release.

Preliminary

4 Index

C

[Change tracking](#) 11

I

Informative references ([section 1.2 4](#), [section 1.2.1 4](#))

[Introduction](#) 4

P

[Product behavior](#) 5

R

[References](#) 4

[informative](#) 4

T

[Tracking changes](#) 11