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Information technology — Document description and processing languages — Office Open XML File Formats —

Part 1: Fundamentals and Markup Language Reference

AMENDMENT 1

*Technologies de l'information — Description des documents et langages de traitement — Formats de fichier "Office Open XML" —
Partie 1: Principes essentiels et référence de langage de balisage*

AMENDEMENT 1

Amendment 1 to ISO/IEC 29500-1:2008 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 34, *Document description and processing languages*.

SC 34 decided that the resolution of some Defect Reports submitted against ISO/IEC 29500-1:2008 required more than simple corrections. Indeed, some required substantive additions and changes to functionality. As such, these resolutions are being published in this amendment rather than in a Technical Corrigendum.

This amendment changes the namespace names in ISO/IEC 29500-1:2008. As a result, OOXML documents in the conformance class *strict* are easily distinguishable from ECMA-376 (1st edition) OOXML documents.

A resolution can involve changes to one or more clauses or subclauses; it can even apply to multiple Parts of ISO/IEC 29500. For changes to ISO/IEC 29500-1:2008, each such change has its own entry below.

Changes are presented in ascending clause, subclause, and page number order.

ISO/IEC 29500-1:2008/Amd.1:2010(E)

Notational conventions

The title of each change is the complete reference to the clause or subclause being modified. In all cases, the title begins with the clause or subclause number, the clause or subclause name, and the page number. In those cases containing changes to a particular row of a table, the value in that row's first column is appended to the title. As the lines in each XML schema subclause are numbered starting at 1 and going to the end of a schema, modifications to schemas also contain the numbers of the lines being modified.

A change can contain any one or more of the following kinds of edits:

1. Addition of text: New text is displayed in blue and is underlined, as demonstrated here.
2. Deletion of text: ~~Deleted text is displayed in red and is struck-through, as demonstrated here.~~
3. Change of format of text: Text whose format (but not its content) has changed is displayed in green and is double-underlined, as demonstrated here.

Many changes involve edits to large paragraphs, tables, and/or XML fragments. In such cases, the changes contain only as much unchanged content as is necessary to establish the correct context of each change. Omitted content is identified via the use of ellipses (...).

Within a change, intent that cannot be represented visually as an edit is written as an instruction in italic and delimited by curly brackets; for example: *{In paragraph 2, item 4, and in paragraph 4, make the numbers in the text "17–23" hyperlinked forward references to Clauses 17 and 23.}*

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Introduction (For WG4 use only; will be removed from the final COR)

This Technical Corrigendum contains corrections that resolve various Defect Reports submitted against ISO/IEC 29500-1:2008.

A correction can involve changes to one or more clause or subclauses; it can even apply to multiple Parts of ISO/IEC 29500. For changes to Part 1, each such change has its own entry below, and the number of the Defect Report that lead to any particular change is written immediately following that change's title, in the form "[DR 99-9999]". (This information is for the use of committee ISO/IEC SC 34/WG4 only, and will be removed from the final COR. However, a committee-private version containing the DR numbers will be made available for tracking purposes.)

Changes are presented in ascending clause, subclause, and page number order.

Changes

1. §2.6.1, “Base Application Description”, p. 5

[DR 08-0012]

Description URI: <http://descriptions.openxmlformats.org/description/base>
<http://purl.oclc.org/ooxml/descriptions/base>

2. §2.6.2, “Full Application Description, p. 5

[DR 08-0012]

Description URI: <http://descriptions.openxmlformats.org/description/full>
<http://purl.oclc.org/ooxml/descriptions/full>

3. §11.2, “Package Structure”, p. 30

[DR 08-0012]

```
<Relationships xmlns="...">
  <Relationship Id="rId1"
    Type="http://schemas.openxmlformats.org/officeDocument/2006/
    relationships/officeDocument
    http://purl.oclc.org/ooxml/officeDocument/relationships/officeDocument"
    Target="document.xml"/>
</Relationships>
```

4. §11.3.1, “Alternative Format Import Part”, p. 32

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/aFChunk http://purl.oclc.org/ooxml/officeDocument/relationships/aFChunk
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5. §11.3.2, “Comments Part”, p. 34

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/comments http://purl.oclc.org/ooxml/officeDocument/relationships/comments

6. §11.3.3, “Document Settings Part”, p. 36

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/settings http://purl.oclc.org/ooxml/officeDocument/relationships/settings

7. §11.3.4, “Endnotes Part”, p. 37

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/endnotes http://purl.oclc.org/ooxml/officeDocument/relationships/endnotes

8. §11.3.5, “Font Table Part”, p. 40

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/fontTable http://purl.oclc.org/ooxml/officeDocument/relationships/fontTable

9. §11.3.6, “Footer Part”, p. 41

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer

10. §11.3.7, “Footnotes Part”, p. 43

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/footnotes http://purl.oclc.org/ooxml/officeDocument/relationships/footnotes

11. §11.3.8, “Glossary Document Part”, p. 46

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/glossaryDocument http://purl.oclc.org/ooxml/officeDocument/relationships/glossaryDocument

12. §11.3.9, “Header Part”, p. 48

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header

13. §11.3.10, “Main Document Part”, p. 51

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/officeDocument http://purl.oclc.org/ooxml/officeDocument/relationships/officeDocument

14. §11.3.11, “Numbering Definitions Part”, p. 52

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/numbering http://purl.oclc.org/ooxml/officeDocument/relationships/numbering

15. §11.3.12, “Style Definitions Part”, p. 55

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/styles http://purl.oclc.org/ooxml/officeDocument/relationships/styles

16. §11.3.13, “Web Settings Part”, p. 57

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/webSettings http://purl.oclc.org/ooxml/officeDocument/relationships/webSettings

17. §11.4, “Document Template”, p. 58

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/attachedTemplate http://purl.oclc.org/ooxml/officeDocument/relationships/attachedTemplate
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18. §11.5, “Framesets”, p. 58

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/frame http://purl.oclc.org/ooxml/officeDocument/relationships/frame
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19. §11.6, “Master Documents and Subdocuments”, p. 59

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/subDocument http://purl.oclc.org/ooxml/officeDocument/relationships/subDocument
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20. §11.7, “Mail Merge Data Source”, p. 61

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/mailMergeSource http://purl.oclc.org/ooxml/officeDocument/relationships/mailMergeSource
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21. §11.8, “Mail Merge Header Data Source”, p. 61

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/mailMergeHeaderSource http://purl.oclc.org/ooxml/officeDocument/relationships/mailMergeHeaderSource
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22. §11.9, “XSL Transformation”, p. 62

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/transform http://purl.oclc.org/ooxml/officeDocument/relationships/transform
----------------------	--

23. §12.2, “Package Structure”, pp. 65–66

[DR 08-0012]

```
<Relationships xmlns="...">
  <Relationship Id="rId1"
    Type=http://schemas.openxmlformats.org/officeDocument/2006/relationships/officeDocument
http://purl.oclc.org/ooxml/officeDocument/relationships/officeDocument
    Target="workbook.xml" />
</Relationships>
```

```
<Relationships xmlns="...">
  <Relationship Id="rId1"
    Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/worksheet
http://purl.oclc.org/ooxml/officeDocument/relationships/worksheet"
    Target="sheet1.xml" />
</Relationships>
```

24. §12.3, “Part Summary”, pp. 67–68

[DR 09-0023]

Part	Relationship Target of	Root Element	Ref.
Custom XML Mappings	Workbook	mapInfo MapInfo	§xx
Dialogsheet	Workbook	dialogSheet dialogsheetsheet	§xx
External Workbook References	Workbook	externalReference externalLink	§xx
Single Cell Table Definitions	Dialogsheet, Worksheet	singleCells singleXmlCells	§xx

25. §12.3.1, “Calculation Chain Part”, p. 68

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/calcChain http://purl.oclc.org/ooxml/officeDocument/relationships/calcChain

26. §12.3.2, “Chartsheet Part”, p. 69

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/chartsheet http://purl.oclc.org/ooxml/officeDocument/relationships/chartsheet

27. §12.3.3, “Comments Part”, p. 70

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/comments http://purl.oclc.org/ooxml/officeDocument/relationships/comments

28. §12.3.4, “Connections Part”, p. 71

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/connections http://purl.oclc.org/ooxml/officeDocument/relationships/connections

29. §12.3.5, “Custom Property Part”, p. 73

[DR 08-0012]

Root Namespace:	Not applicable
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customProperty http://purl.oclc.org/ooxml/officeDocument/relationships/customProperty

30. §12.3.6, “Custom XML Mappings Part”, p. 74

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/xmlMaps http://purl.oclc.org/ooxml/officeDocument/relationships/xmlMaps

31. §12.3.7, “Dialogsheet Part”, p. 75

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/dialogsheet http://purl.oclc.org/ooxml/officeDocument/relationships/dialogsheet

32. §12.3.8, “Drawings Part”, p. 77

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawing http://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/drawing http://purl.oclc.org/ooxml/officeDocument/relationships/drawing

33. §12.3.9, “External Workbook References Part”, p. 78

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/externalLink http://purl.oclc.org/ooxml/officeDocument/relationships/externalLink

34. §12.3.10, “Metadata part”, pp. 80–81

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/sheetMetadata http://purl.oclc.org/ooxml/officeDocument/relationships/sheetMetadata

35. §12.3.11, “Pivot Table Part”, p. 83

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/pivotTable http://purl.oclc.org/ooxml/officeDocument/relationships/pivotTable

36. §12.3.12, “Pivot Table Cache Definition Part”, p. 84

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/pivotCacheDefinition http://purl.oclc.org/ooxml/officeDocument/relationships/pivotCacheDefinition

37. §12.3.13, “Pivot Table Cache Records Part”, p. 86

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/pivotCacheRecords http://purl.oclc.org/ooxml/officeDocument/relationships/pivotCacheRecords

38. §12.3.14, “Query Table Part”, p. 87

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/queryTable http://purl.oclc.org/ooxml/officeDocument/relationships/queryTable

39. §12.3.15, “Shared Strings Table Part”, p. 88

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/sharedStrings http://purl.oclc.org/ooxml/officeDocument/relationships/sharedStrings

40. §12.3.16, “Shared Workbook Revision Headers Part”, p. 89

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/revisionHeaders http://purl.oclc.org/ooxml/officeDocument/relationships/revisionHeaders

41. §12.3.17, “Shared Workbook Revision Log Part”, p. 90

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/revisionLog http://purl.oclc.org/ooxml/officeDocument/relationships/revisionLog

42. §12.3.18, “Shared Workbook User Data Part”, pp. 91–92

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/usernames http://purl.oclc.org/ooxml/officeDocument/relationships/usernames

43. §12.3.19, “Single Cell Table Definition Part”, p. 92

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/tableSingleCells http://purl.oclc.org/ooxml/officeDocument/relationships/tableSingleCells

44. §12.3.20, “Styles Part”, p. 94

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/styles http://purl.oclc.org/ooxml/officeDocument/relationships/styles

45. §12.3.21, “Table Definition Part”, p. 95

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/table http://purl.oclc.org/ooxml/officeDocument/relationships/table

46. §12.3.22, “Volatile Dependencies Part”, p. 96

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/volatileDependencies http://purl.oclc.org/ooxml/officeDocument/relationships/volatileDependencies

47. §12.3.23, “Workbook Part”, p. 97

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/officeDocument http://purl.oclc.org/ooxml/officeDocument/relationships/officeDocument

48. §12.3.24, “Worksheet Part”, p. 99

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/main http://purl.oclc.org/ooxml/spreadsheetml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/worksheet http://purl.oclc.org/ooxml/officeDocument/relationships/worksheet

49. §12.4, “External Workbooks”, p. 101

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/externalLinkPath http://purl.oclc.org/ooxml/officeDocument/relationships/externalLinkPath
----------------------	--

50. §13.2, “Package Structure”, p. 104

[DR 08-0012]

```
<Relationships xmlns="...">
  <Relationship Id="rId1"
    Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/officeDocument
http://purl.oclc.org/ooxml/officeDocument/relationships/officeDocument"
    Target="presentation.xml"/>
</Relationships>
```

51. §13.3.1, “Comment Authors Part”, p. 107

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/commentAuthors http://purl.oclc.org/ooxml/officeDocument/relationships/commentAuthors

52. §13.3.2, “Comments Part”, p. 108

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/comments http://purl.oclc.org/ooxml/officeDocument/relationships/comments

53. §13.3.3, “Handout Master Part”, p. 109

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/handoutMaster http://purl.oclc.org/ooxml/officeDocument/relationships/handoutMaster

54. §13.3.4, “Notes Master Part”, p. 111

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/notesMaster http://purl.oclc.org/ooxml/officeDocument/relationships/notesMaster

55. §13.3.5, “Notes Slide Part”, p. 112

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/notesSlide http://purl.oclc.org/ooxml/officeDocument/relationships/notesSlide

56. §13.3.6, “Presentation Part”, pp. 113–114

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/officeDocument http://purl.oclc.org/ooxml/officeDocument/relationships/officeDocument

57. §13.3.7, “Presentation Properties Part”, p. 115

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/presProps http://purl.oclc.org/ooxml/officeDocument/relationships/presProps

58. §13.3.8, “Slide Part”, p. 116

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/slide http://purl.oclc.org/ooxml/officeDocument/relationships/slide

59. §13.3.9, “Slide Layout Part”, p. 118

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/slideLayout http://purl.oclc.org/ooxml/officeDocument/relationships/slideLayout

60. §13.3.10, “Slide Master Part”, p. 120

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/slideMaster http://purl.oclc.org/ooxml/officeDocument/relationships/slideMaster

61. §13.3.11, “Slide Synchronization Data Part”, p. 121

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/slideUpdateInfo http://purl.oclc.org/ooxml/officeDocument/relationships/slideUpdateInfo

62. §13.3.12, “User Defined Tags Part”, p. 122

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/tags http://purl.oclc.org/ooxml/officeDocument/relationships/tags

63. §13.3.31, “View Properties Part”, p. 123

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/viewProps http://purl.oclc.org/ooxml/officeDocument/relationships/viewProps

64. §13.4, “HTML Publish Location”, p. 124

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/htmlPubSaveAs http://purl.oclc.org/ooxml/officeDocument/relationships/htmlPubSaveAs
----------------------	--

65. §13.5, “Slide Synchronization Server Location”, p. 125

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/slideUpdateUrl http://purl.oclc.org/ooxml/officeDocument/relationships/slideUpdateUrl
----------------------	--

66. §14.2.1, “Chart Part”, p. 128

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/chart http://purl.oclc.org/ooxml/drawingml/chart
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/chart http://purl.oclc.org/ooxml/officeDocument/relationships/chart

67. §14.2.2, “Chart Drawing Part”, p. 130

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/chart http://purl.oclc.org/ooxml/drawingml/chart
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/chartUserShapes http://purl.oclc.org/ooxml/officeDocument/relationships/chartUserShapes

68. §14.2.3, “Diagram Colors Part”, p. 131

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/diagram http://purl.oclc.org/ooxml/drawingml/diagram
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramColors http://purl.oclc.org/ooxml/officeDocument/relationships/diagramColors

69. §14.2.4, “Diagram Data Part”, p. 132

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/diagram http://purl.oclc.org/ooxml/drawingml/diagram
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramData http://purl.oclc.org/ooxml/officeDocument/relationships/diagramData

70. §14.2.5, “Diagram Layout Definition Part”, pp. 133–134

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/diagram http://purl.oclc.org/ooxml/drawingml/diagram
-----------------	--

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramLayout http://purl.oclc.org/ooxml/officeDocument/relationships/diagramLayout
----------------------	--

71. §14.2.6, “Diagram Style Part”, p. 135

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/diagram http://purl.oclc.org/ooxml/drawingml/diagram
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramQuickStyle http://purl.oclc.org/ooxml/officeDocument/relationships/diagramQuickStyle

72. §14.2.7, “Theme Part”, p. 136

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/theme http://purl.oclc.org/ooxml/officeDocument/relationships/theme

73. §14.2.8, “Theme Override Part”, p. 138

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/themeOverride http://purl.oclc.org/ooxml/officeDocument/relationships/themeOverride

74. §14.2.9, “Table Styles Part”, p. 139

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/tableStyles http://purl.oclc.org/ooxml/officeDocument/relationships/tableStyles

75. §15.2.1, “Additional Characteristics Part”, p. 142

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/officeDocument/2006/additionalCharacteristics http://purl.oclc.org/ooxml/officeDocument/additionalCharacteristics
-----------------	--

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml http://purl.oclc.org/ooxml/officeDocument/relationships/customXml
----------------------	--

76. §15.2.2, “Audio Part”, p. 144

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/audio http://purl.oclc.org/ooxml/officeDocument/relationships/audio
----------------------	--

77. §15.2.3, “Bibliography Part”, pp. 144–145

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/officeDocument/2006/bibliography http://purl.oclc.org/ooxml/officeDocument/bibliography
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml http://purl.oclc.org/ooxml/officeDocument/relationships/customXml

78. §15.2.4, “Content Part”, p. 146

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml http://purl.oclc.org/ooxml/officeDocument/relationships/customXml
----------------------	--

79. §15.2.5, “Custom XML Data Storage Part”, p. 147

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml http://purl.oclc.org/ooxml/officeDocument/relationships/customXml
----------------------	--

80. §15.2.6, “Custom XML Data Storage Properties Part”, p. 147

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/officeDocument/2006/customXmlDataProps http://purl.oclc.org/ooxml/officeDocument/customXmlDataProps
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXmlProps http://purl.oclc.org/ooxml/officeDocument/relationships/customXmlProps

81. §15.2.9, “Embedded Control Persistence Part”, p. 150

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/control http://purl.oclc.org/ooxml/officeDocument/relationships/control
----------------------	--

82. §15.2.9, “Embedded Control Persistence Part”, p. 151

[DR 08-0012]

The relationship type for rId5 is: <http://schemas.openxmlformats.org/officeDocument/2006/relationships/control><http://purl.oclc.org/ooxml/officeDocument/relationships/control>

...

The relationship type for rId5 is: <http://schemas.openxmlformats.org/officeDocument/2006/relationships/control><http://purl.oclc.org/ooxml/officeDocument/relationships/control>

83. §15.2.10, “Embedded Object Part”, p. 152

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/oleObject http://purl.oclc.org/ooxml/officeDocument/relationships/oleObject
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84. §15.2.11, “Embedded Package Part”, p. 154

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/package http://purl.oclc.org/ooxml/officeDocument/relationships/package
----------------------	--

85. §15.2.12.1, “Core File Properties Part”, p. 155

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/metadata/core-properties http://purl.oclc.org/ooxml/officeDocument/relationships/metadata/coreProperties
----------------------	--

86. §15.2.12.2, “Custom File Properties Part”, p. 156

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/officeDocument/2006/custom-properties http://purl.oclc.org/ooxml/officeDocument/customProperties
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/custom-properties http://purl.oclc.org/ooxml/officeDocument/relationships/customProperties

87. §15.2.12.3, “Extended File Properties Part”, p. 158

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/officeDocument/2006/extended-properties http://purl.oclc.org/ooxml/officeDocument/extendedProperties
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/extended-properties http://purl.oclc.org/ooxml/officeDocument/relationships/extendedProperties

88.

§15.2.13, “Font Part”, p. 160

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/font http://purl.oclc.org/ooxml/officeDocument/relationships/font
----------------------	--

89. §15.2.14, “Image Part”, p. 160

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/image http://purl.oclc.org/ooxml/officeDocument/relationships/image
----------------------	--

90. §15.2.15, “Printer Settings Part”, p. 161

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings http://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings
----------------------	--

91. §15.2.16, “Thumbnail Part”, p. 163

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/package/2006/relationships/metadata/thumbnail http://purl.oclc.org/ooxml/officeDocument/relationships/metadata/thumbnail
----------------------	--

92. §15.2.17, “Video Part”, p. 164

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/video http://purl.oclc.org/ooxml/officeDocument/relationships/video
----------------------	--

93. §15.3, “Hyperlinks Part”, p. 164

[DR 08-0012]

Source	http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink
Relationship:	http://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink

94. §17.3.2.43, “w (Expanded/Compressed Text)”, pp. 342–343

[DR 09-0202]

[Example: ...

```
<w:rPr>
  <w:w w:val="200%" />
</w:rPr>
```

This run explicitly declares that the w value is 200%, so the contents of this run appear at 200% of their normal character width by stretching the width of each character. *end example*]

...

Attributes	Description
val (Text Expansion/Compression Value)	<p>...</p> <p>[Example: ...</p> <pre><w:rPr> <w:w w:val="50%" /> </w:rPr></pre> <p>This run explicitly declares that the w value is 50%, so the contents of this run appear at 50% of their normal character width by compressing the width of each character. <i>end example</i>]</p> <p>...</p>

95. §17.3.3.2, “contentPart (ContentPart)”, p. 346

[DR 08-0012]

The relationship type of the explicit relationship specified by this element shall be <http://schemas.openxmlformats.org/officeDocument/2006/customXml> <http://purl.oclc.org/ooxml/officeDocument/relationships/customXml> and have a TargetMode attribute value of Internal. If an application cannot process content of the content type specified by the targeted part, then it should continue to process the file. If possible, it should also provide some indication that unknown content was not imported.

96. §17.3.3.2, “contentPart (ContentPart)”, p. 348

[DR 08-0012]

```
<Relationships ... >
...
<Relationship Id="rId8" TargetMode="Internal"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/custom
Xmlhttp://purl.oclc.org/ooxml/officeDocument/relationships/customXml"
Target="math1.xml" />
...
</Relationships>
```

97. §17.3.3.2, “contentPart (ContentPart)”, p. 348, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXml http://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font http://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings http://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink http://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

98. §17.3.3.3, “control (Embedded Control)”, p. 349, attribute id

[DR 08-0012]

Attributes	Description
id (Embedded Control Properties Relationship Reference) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	... The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/control http://purl.oclc.org/ooxml/officeDocument/relationships/control or the document shall be considered non-conformant. ...

99. §17.3.3.17, “movie (Embedded Video)”, p. 361

[DR 08-0012]

If the relationship type of the relationship specified by this element is not <http://schemas.openxmlformats.org/officeDocument/2006/movie> <http://purl.oclc.org/ooxml/officeDocument/movie>, or is not present, then the document shall be considered non-conformant. If an application cannot process external content of the content type specified by the targeted part, then it can be ignored.

...

```

<Relationships ... >
...
  <Relationship Id="rIdMovie" TargetMode="Internal"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/movie
http://purl.oclc.org/ooxml/officeDocument/movie" Target="movie.mov" />
...
</Relationships>
    
```

100. §17.3.3.17, “movie (Embedded Video)”, p. 362, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXml http://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font http://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings http://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink http://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

101. §17.3.3.20, “objectEmbed (Embedded Object Properties)”, p. 366, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship to Embedded Object Data)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships</p>	<p>...</p> <p>The specified relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/oleObject http://purl.oclc.org/ooxml/officeDocument/oleObject or the document shall be considered non-conformant.</p> <p>...</p>

102. §17.3.3.21, “objectLink (Linked Object Properties)”, p. 368, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship to Embedded Object Data) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	... The specified relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/oleObject http://purl.oclc.org/ooxml/officeDocument/oleObject or the document shall be considered non-conformant. ...

103. §17.4.88, “Table Measurement (CT_TblWidth)”, p. 527, attribute w

[DR 09-0246]

Attributes	Description
w (Table Width Value)	... The possible values for this attribute are defined by the ST_DecimalNumberOrPercent ST_MeasurementOrPercent simple type (§17.18.11107).

104. §17.6.2, “bottom (Bottom Border)”, pp. 612–614, attribute various

[DR 08-0012]

Attributes	Description
bottomLeft (Custom Defined Bottom Left Border Relationship Reference) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	... The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image http://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant. ...

Attributes	Description
<p>bottomRight (Custom Defined Bottom Right Border Relationship Reference)</p> <p>Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps</p>	<p>...</p> <p>The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant.</p> <p>...</p>
<p>id (Custom Defined Border Relationship Reference)</p> <p>Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps</p>	<p>...</p> <p>The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant.</p> <p>...</p>

105. §17.6.7, “left (LeftBorder)”, p. 630, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Custom Defined Border Relationship Reference)</p> <p>Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps</p>	<p>...</p> <p>The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant.</p> <p>...</p>

106. §17.6.14, “printerSettings (Reference to Printer Settings Data)”, p. 650, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink http://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

107. §17.6.15, “right (Right Border)”, p. 653, attribute id

[DR 08-0012]

Attributes	Description
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Attributes	Description
<p>id (Custom Defined Border Relationship Reference)</p> <p>Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>...</p> <p>The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant.</p> <p>...</p>

108. §17.6.21, “top (Top Border)”, pp. 670–676, attribute various

[DR 08-0012]

Attributes	Description
<p>id (Custom Defined Border Relationship Reference)</p> <p>Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>...</p> <p>The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant.</p> <p>...</p>
<p>topLeft (Custom Defined Top Left Border Relationship Reference)</p> <p>Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>...</p> <p>The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant.</p> <p>...</p>

Attributes	Description
<p>topRight (Custom Defined Top Right Border Relationship Reference)</p> <p>Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps</p>	<p>...</p> <p>The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant.</p> <p>...</p>

109. §17.8.3.3, “embedBold (Bold Style Font Style Embedding)”, p. 754, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

110. §17.8.3.4, “embedBoldItalic (Bold Italic Font Style Embedding)”, p. 756, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXml http://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font http://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings http://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink http://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

111. §17.8.3.5, “embedItalic (Italic Font Style Embedding)”, pp. 758–759, attribute id

[DR 08-0012]

Attributes	Description
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Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

112. §17.8.3.6, “embedRegular (Regular Font Style Embedding)”, pp. 760–761, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Relationship to Part) Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footerhttp://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element ...

113. §17.10.2, “footerReference (Footer Reference)”, pp. 823–824

[DR 08-0012]

If the relationship type of the relationship specified by this element is not

<http://schemas.openxmlformats.org/officeDocument/2006/footer><http://purl.oclc.org/ooxml/officeDocument/relationships/footer>, is not present, or does not have a TargetMode attribute value of Internal, then the document shall be considered non-conformant.

...

```

<Relationships
  xmlns="http://schemas.openxmlformats.org/package/2006/relationships">
  ...
  <Relationship Id="rId6"
  Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer
  http://purl.oclc.org/ooxml/officeDocument/relationships/footer" Target="footer1.xml" />
  <Relationship Id="rId7"
  Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer
  http://purl.oclc.org/ooxml/officeDocument/relationships/footer" Target="footer2.xml" />

```

```
<Relationship Id="rId10"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer
http://purl.oclc.org/ooxml/officeDocument/relationships/footer" Target="footer3.xml" />
...
</Relationships>
```

114. §17.10.2, “footerReference (Footer Reference)”, p. 825, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element ...

115. §17.10.5, “headerReference (Header Reference)”, pp. 832–834

[DR 08-0012]

If the relationship type of the relationship specified by this element is not <http://schemas.openxmlformats.org/officeDocument/2006/header><http://purl.oclc.org/ooxml/officeDocument/relationships/header>, is not present, or does not have a TargetMode attribute value of Internal, then the document shall be considered non-conformant.

...


```

<Relationships
xmlns="http://schemas.openxmlformats.org/package/2006/relationships">
  ...
  <Relationship Id="rId2"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/header
http://purl.oclc.org/ooxml/officeDocument/relationships/header"
Target="header1.xml" />
  <Relationship Id="rId3"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/header
http://purl.oclc.org/ooxml/officeDocument/relationships/header"
Target="header2.xml" />
  <Relationship Id="rId5"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/header
http://purl.oclc.org/ooxml/officeDocument/relationships/header"
Target="header3.xml" />
  ...
</Relationships>

```

116. §17.10.5, “headerReference (Header Reference)”, p. 834, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Relationship to Part) Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footerhttp://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element ...

117. §17.14.9, “dataSource (Data Source File Path)”, pp. 1057–1058, attribute id

[DR 08-0012]

If this element is omitted, then no file location is specified for the data source for the current mail merge. If no relationship exists with the given relationship ID, or this relationship is not of type <http://schemas.openxmlformat.org/officeDocument/2006/relationships/mailMergeSource><http://purl.oclc.org/ooxml/officeDocument/relationships/mailMergeSource> then this document shall be considered non-conformant.

...

```
<Relationships>
  <Relationship Id="rId1"
  Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/mailMergeSourcehttp://purl.oclc.org/ooxml/officeDocument/relationships/mailMergeSource"
  Target="file:///c:/example_file.mdb" TargetMode="External" />
</Relationships>
```

118. §17.14.9, “dataSource (Data Source File Path)”, p. 1058, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

119. §17.14.16, “headerSource (Header Definition File Path)”, p. 1064

[DR 08-0012]

```

<Relationships>
  <Relationship Id="rId2"
  Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/mailMergeSourcehttp://purl.oclc.org/ooxml/officeDocument/relationships/mailMergeSource
  " Target="file:///c:/headerData.txt" TargetMode="External" />
</Relationships>

```

120. §17.14.16, “headerSource (Header Definition File Path)”, p. 1065, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footerhttp://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

121. §17.14.28, “recipientData (Reference to Inclusion/Exclusion Data for Data Source)”, pp. 1079–1080

[DR 08-0012]

If the relationship type of the relationship specified by this element is not <http://schemas.openxmlformats.org/officeDocument/2006/mailMergeRecipientData><http://purl.oclc.org/ooxml/officeDocument/relationships/mailMergeRecipientData>, is not present, or does not have a TargetMode attribute value of Internal, then the document shall be considered non-conformant. If an application cannot process external content of the content type specified by the targeted part, then it can be ignored.

...

```
<Relationships ... >
...
  <Relationship Id="recipient1" TargetMode="Internal"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/mailMergeRecipientDatahttp://purl.oclc.org/ooxml/officeDocument/relationships/mailMergeRecipientData" Target="recipientData.xml" />
...
</Relationships>
```

122. §17.14.28, “recipientData (Reference to Inclusion/Exclusion Data for Data Source)”, p. 1080–1081, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element ...

123. §17.14.30, “src (ODSO Data Source File Path)”, p. 1081–1082

[DR 08-0012]

```
<Relationships>
  <Relationship Id="rId1"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/mailMergeSourcehttp://purl.oclc.org/ooxml/officeDocument/relationships/mailMergeSource"
  Target="file:///c:/example_file.mdb" TargetMode="External" />
</Relationships>
```

124. §17.14.30, “src (ODSO Data Source File Path)”, p. 1083, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footerhttp://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element ...

125. §17.14.35, “uniqueTag (Unique Value for Record)”, pp. 1088–1089

[DR 09-0008]

The possible values for this element are defined by the ~~CT_Base64Binary~~[W3C XML Schema base64Binary](#) datatype.

126. §17.15.1.6, “attachedTemplate (Attached Document Template)”, pp. 1097–1098, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footerhttp://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

127. §17.15.1.76, “saveThroughXslt (Custom XSL Transform To Use When Saving As XML File)”, p. 1193, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (XSL Transformation Location) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies an explicit relationship to the location of the XSL Transformation which shall be applied. The relationship targeted by this element shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/transform http://purl.oclc.org/ooxml/officeDocument/relationships/transform , or this document shall be declared non-conformant. ...

128. §17.15.2.23, longDesc (Frame Long Description)", p. 1253

[DR 08-0012]

```

<Relationships ... >
  ...
  <Relationship Id="rIdMenuBar" TargetMode="External"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink"
Target="myexample-desc.html#menubar" />
  ...
</Relationships>
    
```

129. §17.15.2.23, “longDesc (Frame Long Description)”, p. 1253, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footerhttp://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

130. §17.15.2.39, “sourceFileName (Source File for Frame)”, p. 1276

[DR 08-0012]

The relationship referenced by this element's id attribute shall exist in the relationship part item for the Web Settings part, or this document shall be considered non-conformant. Also, the type of the relationship referenced by this element's id attribute shall be

<http://schemas.openxmlformats.org/officeDocument/2006/relationships/frame><http://purl.oclc.org/ooxml/officeDocument/relationships/frame>, or this document shall be considered non-conformant.

131. §17.15.2.39, “sourceFileName (Source File for Frame)”, pp. 1277–1278, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
<p>id (Relationship to Part)</p> <p>Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships</p>	<p>Specifies the relationship ID to a specified part.</p> <p>The specified relationship shall match the relationship type required by the parent element:</p> <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footerhttp://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element <p>...</p>

132. §17.17.1.1, “subDoc (Anchor for Subdocument Location)”, pp. 1444–1445

[DR 08-0012]

If the relationship type of the relationship specified by this element is not <http://schemas.openxmlformats.org/officeDocument/2006/subDocument><http://purl.oclc.org/ooxml/officeDocument/relationships/subDocument>, is not present, or does not have a TargetMode attribute value of External, then the document shall be considered non-conformant.

...

```

<Relationships ... >
  ...
  <Relationship Id="subDocRel1" TargetMode="External"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/subDoc
umenthttp://purl.oclc.org/ooxml/officeDocument/relationships/subDocument"
Target="Chapter1.docx" />
  <Relationship Id="subDocRel2" TargetMode="External"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/subDoc
umenthttp://purl.oclc.org/ooxml/officeDocument/relationships/subDocument"
Target="Chapter2.docx" />
  ...
</Relationships>

```

133. §17.17.1.1, “subDoc (Anchor for Subdocument Location)”, p. 1446, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: <ul style="list-style-type: none"> • http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footerhttp://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/fonthttp://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettingshttp://purl.oclc.org/ooxml/officeDocument/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element ...

134. §17.17.2.1, “altChunk (Anchor for Imported External Content)”, pp. 1447–1448

[DR 08-0012]

If the relationship type of the relationship specified by this element is not <http://schemas.openxmlformats.org/officeDocument/2006/afChunk><http://purl.oclc.org/ooxml/officeDocument/relationships/afChunk>, is not present, or does not have a TargetMode attribute value of Internal, then the document shall be considered non-conformant. If an application cannot process external content of the content type specified by the targeted part, then it should ignore the specified alternate content but continue to process the file. If possible, it should also provide some indication that unknown content was not imported.

...

```
<Relationships ... >
...
<Relationship Id="altChunk1" TargetMode="Internal"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/afChunk
http://purl.oclc.org/ooxml/officeDocument/relationships/afChunk" Target="import.htm" />
...
</Relationships>
```

135. §17.17.2.1, “altChunk (Anchor for Imported External Content)”, p. 1449, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

136. §17.18, “Simple Types”, p. 1453

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/wordprocessingml/2006/main><http://purl.oclc.org/ooxml/wordprocessingml/main> namespace.

137. §17.18.95, “ST_TextScale (Text Expansion/Compression Percentage)”, p. 1668

[DR 09-0202]

[Example: ...

Consider a run of text which must be compressed to 200% when displaying each character within the contents of the run. This constraint is specified using the following WordprocessingML:

```
<w:rPr>
  <w:w w:val="50%" />
</w:rPr>
```

This run explicitly declares that the w value is 50%, so the contents of this run appear at 50% of their normal character width by compressing the width of each character. *end example*]

This simple type ~~'s contents are a restriction of the W3C XML Schema integer datatype.~~ is a union of the following types:

- The ST_TextScalePercent simple type (§xx).

~~This simple type also specifies the following restrictions:~~

- ~~• This simple type has a minimum value of greater than or equal to 0.~~
- ~~• This simple type has a maximum value of less than or equal to 600.~~

138. §17.18.106, “ST_TextScalePercent (Text Expansion/Compression Percentage), new subclause

[DR 09-0202]

This simple type specifies that the percentage by which the contents of a run shall be expanded or compressed with respect to its normal (100%) character width, with a minimum width of 1% and maximum width of 600%.

[Example: Consider a run of text which must be compressed to 200% when displaying each character within the contents of the run. This constraint is specified using the following WordprocessingML:

```
<w:rPr>
  <w:w w:val="50%" />
</w:rPr>
```

[This run explicitly declares that the w value is 50%, so the contents of this run appear at 50% of their normal character width by compressing the width of each character. *end example*](#)

[This simple type also specifies the following restrictions:](#)

- [This simple type's contents shall match the following regular expression pattern: 0*\(600|\(\[0-5\]?\[0-9\]?\[0-9\]\)\)%.](#)

Referenced By
ST_TextScale (§17.18.95)

[\[Note: The W3C XML Schema definition of this simple type's content model \(ST_TextScalePercent\) is located in §xx. *end note*\]](#)

139. §17.18.107, “ST_MeasurementOrPercent (Measurement or Percentage Value)”, new subclause

[DR 09-0246]

[This simple type specifies the possible values for a table measurement, which can be percentage-based or absolute. See the union's member types for details.](#)

[This simple type is a union of the following types:](#)

[The ST_DecimalNumberOrPercent simple type \(§17.18.11\).](#)

[The ST_UniversalMeasure simple type \(§22.9.2.15\).](#)

Referenced By
CT_TblWidth (§17.4.88)

[\[Note: The W3C XML Schema definition of this simple type's content model \(ST_MeasurementOrPercent\) is located in §xx. *end note*\]](#)

140. §18.2.7, “ext (Extension)”, p. 1721

[DR 08-0012]

[Example: ...

```
<extLst>
  <ext
    uri=' http://schemas.openxmlformats.org/spreadsheetml/versionTwoExtensionhttp://purl.oclc.org/ooxml/spreadsheetml/versionTwoExtension' >
```

```

    <v2:newContent
xmln:v2=' http://schemas.openxmlformats.org/spreadsheetml/versionTwoExtensionhttp://purl.oclc.org/ooxml/spreadsheetml/versionTwoExtension '>
    ...
    </v2:newContent>
</ext>
...
</extList>

```

end example]

141. §18.2.8, “externalReference (External Reference)”, p. 1722, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

142. §18.2.17, “pivotCache (PivotCache)”, p. 1731, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

143. §18.2.19, “sheet (Sheet Information)”, p. 1732, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

144. §18.2.27, “workbook (Workbook)”, p. 1739

[DR 08-0012]

[Example:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<workbook
xmlns="http://schemas.openxmlformats.org/spreadsheetml/2006/5/main" http://purl.oclc.org/ooxml/spreadsheetml/main"
xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationships" http://purl.oclc.org/ooxml/officeDocument/relationships ">
  <fileVersion lastEdited="4" lowestEdited="4" rupBuild="4017"/>
  ...
</workbook>
```

end example]

145. §18.3.1.19, “control (Embedded Control)”, p. 1776, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

146. §18.3.1.20, “controlPr (Embedded Control Properties)”, p. 1779, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship ID for Embedded Control Properties) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	... The relationship explicitly targeted by this attribute shall be of relationship type http://schemas.openxmlformats.org/officeDocument/2006/relationships/control or the document shall be considered non-conformant. ...

147. §18.3.1.22, “customPr (Custom Property)”, p. 1782, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

148. §18.3.1.30, “dataRef (Data Consolidation Reference)”, p. 1790, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (relationship Id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

149. §18.3.1.36, “drawing (Drawing)”, p. 1796, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

150. §18.3.1.37, “drawingHF (Drawing Reference in Header Footer)”, pp. 1798–1799, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship ID for Embedded Control Properties) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

151. §18.3.1.47, “hyperlink (Hyperlink)”, p. 1812, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

152. §18.3.1.56, “objectPr (Embedded Object Properties)”, p. 1821, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship ID to Embedded Object Data) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	... The specified relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/oleObject http://purl.oclc.org/ooxml/officeDocument/oleObject or the document shall be considered non-conformant. ...

153. §18.3.1.59, “oleObject (Embedded Object)”, p. 1824, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

154. §18.3.1.63, “pageSetup (Page Setup Settings)”, p. 1829, attribute id

[DR 08-0012]

Attributes	Description
id (Id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

155. §18.3.1.64, “pageSetup (Chart Sheet Page Setup)”, p. 1832, attribute id

[DR 08-0012]

Attributes	Description
id (Id) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

156. §18.3.1.67, “picture (Background Image)”, p. 1837, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: ../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

157. §18.3.1.69, “pivotSelection (PivotTable Selection)”, p. 1841, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: ../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

158. §18.3.1.94, “tablePart (Table Part)”, p. 1882, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: ../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

159. §18.4, “Shared String Table”, pp. 1896–1897

[DR 08-0012]

[Example:

```
<sst
xmlns=http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main
  count="8" uniqueCount="4">
  ...
</sst>
```

...

[Example:

```
<sst xmlns=
http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main
  count="8" uniqueCount="4">
  ...
</sst>
```

...

[Example:

```
<sst xmlns=
http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main
  count="8" uniqueCount="4">
  ...
</sst>
```

... end example]

160. §18.4.1, “charset (Character Set)”, p. 1898

[DR 09-0051]

INT Value	Character Set
...	...
129	HANGEUL_CHARSET
129	HANGUL_CHARSET
...	...

161. §18.5, “Tables”, p. 1907

[DR 08-0012]

[Example:

```
<table xmlns=
http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main
  id="1" name="MarginTable" displayName="MarginTable" ref="D3:G6"
  totalsRowShown="0">
  ...
</table>
```

162. §18.6, “Calculation Chain”, pp. 1925–1926

[DR 08-0012]

[Example:

```
<calcChain xmlns="
http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main ">
  <c r="E5" i="1"/>
  ...
</calcChain>
```

...

```
<calcChain xmlns="
http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main ">
  <c r="B1" i="1"/>
  ...
</calcChain>
```

end example]

163. §18.8.18, “family (Font Family)”, p. 1952

[DR 09-0052]

The font family this font belongs to. ~~A font family is a set of fonts having common stroke width and serif characteristics. This is system level font information.~~ The font name overrides when there are conflicting values.

Value	Font Family
--------------	--------------------

Value	Font Family
0	Not applicable.
1	Roman
2	Swiss
3	Modern
4	Script
5	Decorative

Attributes	Description
val (Value)	<p>The font family this font belongs to value of an integer, where each value corresponds to a different character set. This attribute is restricted to values ranging from 0 to 255.</p> <p>The possible values for this attribute are defined by the ST_FontFamily simple type (§18.18.94) W3C XML Schema int datatype.</p>

[Note: The W3C XML Schema definition of this element’s content model ([CT_IntPropertyCT_FontFamily](#)) is located in §xx. end note]

164. §18.9, “Metadata”, p. 1994

[DR 08-0012]

[Example: The CUBEMEMBER() function ...

```
<metadata xmlns="
http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main ">
...
</metadata>
```

165. §18.10.1.67, “pivotCacheDefinition (PivotCache Definition)”, p. 2095, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: ../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

166. §18.10.1.79, “rangeSet (Range Set)”, p. 2154, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: ../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

167. §18.10.1.95, “worksheetSource (Worksheet PivotCache Source)”, p. 2170, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: ../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships ps	...

168. §18.11.1.1, “header (Header)”, p. 2180, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

169. §18.14.7, “externalBook (External Workbook)”, p. 2248, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship to supporting book file path) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

170. §18.14.11, “oleLink (Generic Object Link Connection)”, p. 2251, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Object Link Relationship) Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships	...

171. §18.17.2.3, “Cell References”, pp. 2282–2284

[DR 08-0012]

- Type shall be set to <http://schemas.openxmlformats.org/officeDocument/2006/relationships/externalLinkPath> <http://purl.oclc.org/ooxml/officeDocument/relationships/externalLinkPath>
- Target shall specify the full file path and file name, and
- TargetMode shall be set to External.

...

[Example:

Consider the formula =SUM('C:\[Source.xlsx]Sheet1'!\$A\$1:\$A\$3) ...

```
<Relationship Id="rId4" Type=
"http://schemas.openxmlformats.org/officeDocument/2006/relationships/externalLinkPath"
Target="externalLinks/externalLink1.xml"/>
```

...

```
<externalBook
xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationships"
r:id="rId1">
```

...

```
<Relationship Id="rId1" Type=
"http://schemas.openxmlformats.org/officeDocument/2006/relationships/externalLinkPath"
Target="file:///C:/Source.xlsx" TargetMode="External"/>
```

... end example]

172. §18.17.7.204, “MATCH”, p. 2510

[DR 09-0146]

However, if

- No match is found, ~~#N/A#NUM!~~ is returned.

173. §18.18, “Simple Types”, p. 2664

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/spreadsheetml/2006/main><http://purl.oclc.org/ooxml/spreadsheetml/main> namespace.

174. §18.18.94, “ST_FontFamily (Font Family)”, new subclause

[DR 09-0052]

[This simple type specifies a font family. A font family is a set of fonts having common stroke width and serif characteristics. This is system level font information.](#)

[This simple type's contents are a restriction of the W3C XML Schema unsignedInt datatype.](#)

[This simple type is restricted to the values listed in the following table:](#)

<u>Value</u>	<u>Font Family</u>
<u>0</u>	<u>Not applicable.</u>
<u>1</u>	<u>Roman</u>
<u>2</u>	<u>Swiss</u>
<u>3</u>	<u>Modern</u>
<u>4</u>	<u>Script</u>
<u>5</u>	<u>Decorative</u>
<u>6</u>	<u>Reserved for future use</u>
<u>7</u>	<u>Reserved for future use</u>

<u>Value</u>	<u>Font Family</u>
<u>8</u>	<u>Reserved for future use</u>
<u>9</u>	<u>Reserved for future use</u>
<u>10</u>	<u>Reserved for future use</u>
<u>11</u>	<u>Reserved for future use</u>
<u>12</u>	<u>Reserved for future use</u>
<u>13</u>	<u>Reserved for future use</u>
<u>14</u>	<u>Reserved for future use</u>

<u>Referenced By</u>
<u>fontFamily@val (\$xx)</u>

[Note: The W3C XML Schema definition of this simple type’s content model (ST FontFamily) is located in §xx.
end note]

175. §19.2.1.1, “bold (Bold Embedded Font)”, p. 2760, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: ... /officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

176. §19.2.1.2, “boldItalic (Bold Italic Embedded Font)”, pp. 2760–2761, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

177. §19.2.1.11, “ext (Extension)”, p. 2767

[DR 09-0241]

Child Elements	Subclause
Zero or more Any elements in any namespace	n/a

178. §19.2.1.13, “font (Embedded Font Name)”, pp. 2768–2770, attribute various

[DR 08-0012]

Attributes	Description
charset (Similar Character Set) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

Attributes	Description
panose (Panose Setting) Namespace: .../drawingml/2006/main	...
pitchFamily (Similar Font Family) Namespace: .../drawingml/2006/main	...
typeface (Text Typeface) Namespace: .../drawingml/2006/main	...

179. §19.2.1.14, “handoutMasterId (Handout Master ID)”, p. 2771, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	...

180. §19.2.1.16, “italic (Italic Embedded Font)”, p. 2772, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

181. §19.2.1.20, “notesMasterId (Notes Master ID)”, p. 2778, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

182. §19.2.1.22, “notesSz (Notes Slide Size)”, p. 2779, attribute various

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
cy (Extent Width) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

183. §19.2.1.29, “regular (Regular Embedded Font)”, p. 2787, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

184. §19.2.1.31, “sld (Presentation Slide)”, p. 2789, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

185. §19.2.1.33, “sldId (Slide ID)”, p. 2790, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

186. §19.2.1.36, “sldMasterId (Slide Master ID)”, p. 2791, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

187. §19.2.1.40, “SmartTags (SmartTags)”, p. 2795, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

188. §19.2.2.3, “gridSpacing (Grid Spacing)”, p. 2797, attribute various

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

Attributes	Description
cy (Extent Width) Namespace: .../drawingml/2006/main	...

189. §19.2.2.9, “origin (View Origin)”, p. 2801, attribute various

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	...
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	...

190. §19.2.2.14, “sld (Presentation Slide)”, p. 2804, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	...

191. §19.3.1.3, “bgRef (Background Style Reference)”, pp. 2809–2810, attribute idx

[DR 08-0012]

Attributes	Description
idx (Style Matrix Index) Namespace: .../drawingml/2006/main	...

192. §19.3.1.4, “blipFill (Picture Fill)”, p. 2812, attribute various

[DR 08-0012]

Attributes	Description
dpi (DPI Setting) Namespace: .../drawingml/2006/main	...
rotWithShape (Rotate With Shape) Namespace: .../drawingml/2006/main	...

193. §19.3.1.6, “clrMap (Color Scheme Map)”, p. 2814–2815, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
accent1 (Accent 1) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
accent2 (Accent 2) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
accent3 (Accent 3) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
accent4 (Accent 4) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
accent5 (Accent 5) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
accent6 (Accent 6) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

Attributes	Description
bg1 (Background 1) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
bg2 (Background 2) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
folHlink (Followed Hyperlink) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
hlink (Hyperlink) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
tx1 (Text 1) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
tx2 (Text 2) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

194. §19.3.1.11, “cNvPicPr (Non-Visual Picture Drawing Properties)”, pp. 2817–2818, attribute preferRelativeResize

[DR 08-0012]

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: .../drawingml/2006/main	...

195. §19.3.1.12, “cNvPr (Non-Visual Drawing Properties)”, pp. 2819–2820, attribute various

[DR 08-0012]

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main	...
hidden (Hidden) Namespace: .../drawingml/2006/main	...
id (Unique Identifier) Namespace: .../drawingml/2006/main	...

Attributes	Description
name (Name) Namespace: ../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
title (Title) Namespace: ../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

196. §19.3.1.13, “cNvSpPr (Non-Visual Drawing Properties for a Shape)”, p. 2821, attribute txBox

[DR 08-0012]

Attributes	Description
txBox (Text Box) Namespace: ../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

197. §19.3.1.14, “ContentPart (Content Part)”, pp. 2821–2824

[DR 08-0012]

The relationship type of the explicit relationship specified by this element shall be

<http://schemas.openxmlformats.org/officeDocument/2006/customXml>
<http://purl.oclc.org/ooxml/officeDocument/relationships/customXml> and have a TargetMode attribute value of Internal. If an application cannot process content of the content type specified by the targeted part, then it should continue to process the file. If possible, it should also provide some indication that unknown content was not imported.

...


```
<Relationships ... >
...
<Relationship Id="smil01" TargetMode="Internal"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/custom
Xmlhttp://purl.oclc.org/ooxml/officeDocument/relationships/customXml"
Target="smil1.xml" />
...
</Relationships>
```

198. §19.3.1.14, “ContentPart (Content Part)”, p. 2824, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships/customXml	...

199. §19.3.1.17, “custData (Customer Data)”, p. 2826, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument/2006/relationships/customData	...

200. §19.3.1.23, “grpSpPr (Group Shape Properties)”, p. 2831, attribute bwMode

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	...

201. §19.3.1.40, “sldLayoutId (Slide Layout ID)”, p. 2844, attribute id

[DR 08-0012]

Attributes	Description
id (ID Tag) Namespace: .../officeDocument/2006/relationships	...

202. §19.3.1.44, “spPr (Shape Properties)”, pp. 2847–2848, attribute bwMode

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	...

203. §19.3.1.47, “tags (Customer Data Tags)”, p. 2851, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

204. §19.3.1.53, “xfrm (2D Transform for Graphic Frame)”, p. 2856, attribute various

[DR 08-0012]

Attributes	Description
flipH (Horizontal Flip) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
flipV (Vertical Flip) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
rot (Rotation) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

205. §19.3.2.1, “control (Embedded Control)”, p. 2857, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

206. §19.3.2.4, “oleObj (Global Element for Embedded objects and Controls)”, p. 2859, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

207. §19.4.5, “pos (Comment Position)”, p. 2865, attribute various

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

Attributes	Description
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

208. §19.5.68, “snd (Sound)”, p. 2942, attribute various

[DR 08-0012]

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...
name (Sound Name) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

209. §19.5.70, “sndTgt (Sound Target)”, p. 2943, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: .../officeDocument/2006/relationships	...
name (Sound Name) Namespace: .../drawingml/2006/main	...

210. §19.7, “Simple Types”, p. 2974

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/presentationml/2006/main> <http://purl.oclc.org/officePresentationml/main> namespace.

211. §20.1.2.2.14, “ext (Extension)”, p. 3028

[DR 09-0237]

Child Elements	Subclause
Zero or more Any elements in any namespace	n/a

212. §20.1.2.2.23, “hlinkHover (Hyperlink for Hover)”, p. 3037, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: .../officeDocument/2006/relationships	...

213. §20.1.2.2.32, “snd (Hyperlink Sound)”, p. 3044, attribute embed

[DR 08-0012]

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: .../officeDocument/2006/relationships	...

214. §20.1.3.2, “audioFile (Audio from File)”, pp. 3083–3084, attribute link

[DR 08-0012]

Attributes	Description
link (Linked Relationship ID) Namespace: .../officeDocument/2006/relationships	...

215. §20.1.3.4, “quickTimeFile (QuickTime from File)”, pp. 3085–3086, attribute link

[DR 08-0012]

Attributes	Description
link (Linked Relationship ID) Namespace: .../officeDocument /2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

216. §20.1.3.6, “videoFile (Video from File)”, p. 3088, attribute link

[DR 08-0012]

Attributes	Description
link (Linked Relationship ID) Namespace: .../officeDocument /2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

217. §20.1.3.7, “wavAudioFile (Audio from WAV File)”, p. 3089, attribute embed

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

218. §20.1.8.13, “blip (Blip)”, p. 3187, attribute embed

[DR 08-0012]

Attributes	Description
embed (Embedded Picture Reference) Namespace:	...
link (Linked Picture Reference) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

219. §20.1.10.41, “ST_PercentageDecimal (Percentage as Decimal Number)”, p. 3298

[DR 08-0001]

20.1.10.41 — ST_PercentageDecimal (Percentage as Decimal Number)

This simple type represents a percentage in 1000ths of a percent, e.g., a value of 1 represents 0.001% == 0.00001; a value of 100000 is equal to 100%. Percentages have no intrinsic units, but are used to scale other values with units.

This simple type's contents are a restriction of the W3C XML Schema int datatype.

Referenced By

Referenced By

~~ST_Percentage (§xx); ST_TextBulletSizePercent (§221)~~

~~[Note: The W3C XML Schema definition of this simple type's content model (ST_PercentageDecimal) is located in §xx. end note]~~

220. §20.1.10.62, “ST_TextBulletSizePercent (Bullet Size Percentage)”, p. 3420

[DR 08-0007]

This simple type specifies the range that the bullet percent can be. A bullet percent is the size of the bullet with respect to the text that should follow it. ~~25000 = 25% 400000 = 400%~~

~~This simple type's contents are a restriction of the ST_PercentageDecimal datatype (§0).~~

This simple type also specifies the following restrictions:

- ~~• This simple type has a minimum value of greater than or equal to 25000.~~
- ~~• This simple type has a maximum value of less than or equal to 400000.~~
- This simple type's contents shall match the following regular expression pattern:
0*((2[5-9])|([3-9][0-9])|([1-3][0-9][0-9])|400)%.

Referenced By

~~buSzPct@val (§xx)~~ [ST_TextBulletSize \(§xx\)](#)

221. §20.1.10.86, “ST_TextBulletSize (Bullet Size Percentage)”, new subclause

[DR 08-0007]

This simple type specifies the range that the bullet percent can be. A bullet percent is the size of the bullet with respect to the text that should follow it, with a minimum size of 25% and maximum size of 400%.

This simple type is a union of the following types:

- The [ST_TextBulletSizePercent](#) simple type (§20.1.10.62)

Referenced By

[buSzPct@val \(§xx\)](#)

[Note: The W3C XML Schema definition of this simple type's content model (ST_TextBulletSize) is located in §xx. end note]

222. §20.2.2.1, “blipFill (Picture Fill)”, pp. 3450–3451, attribute various

[DR 08-0012]

Attributes	Description
dpi (DPI Setting) Namespace: .../drawingml/2006/main	...
rotWithShape (Rotate With Shape) Namespace: .../drawingml/2006/main	...

223. §20.2.2.2, “cNvPicPr (Non-Visual Picture Drawing Properties)”, p. 3452, attribute preferRelativeResize

[DR 08-0012]

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: .../drawingml/2006/main	...

224. §20.2.2.3, “cNvPr (Non-Visual Drawing Properties)”, pp. 3453–3454, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
descr (Alternative Text for Object) Namespace: ../drawingml/2006/main	...
hidden (Hidden) Namespace: ../drawingml/2006/main	...
id (Unique Identifier) Namespace: ../drawingml/2006/main	...
name (Name) Namespace: ../drawingml/2006/main	...
title (Title) Namespace: ../drawingml/2006/main	...

225. §20.2.2.6, “spPr (Shape Properties)”, p. 3457, attribute bwMode

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	...

226. §20.4.2.5, “docPr (Drawing Object Non-Visual Properties)”, pp. 3470–3472, attribute various

[DR 08-0012]

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main	... The possible values for this attribute are defined by the W3C XML Schema string datatype.
hidden (Hidden) Namespace: .../drawingml/2006/main	...
id (Unique Identifier) Namespace: .../drawingml/2006/main	...
name (Name) Namespace: .../drawingml/2006/main	...

Attributes	Description
title (Title) Namespace: .../drawingml/2006/main	...

227. §20.4.2.7, “extent (Drawing Object Size)”, pp. 3476–3477, attribute various

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main	...
cy (Extent Width) Namespace: .../drawingml/2006/main	...

228. §20.4.2.9, “lineTo (Wrapping Polygon Line End Position)”, p. 3481, attribute various

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	...

Attributes	Description
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	...

229. §20.4.2.13, “simplePos (Simple Positioning Coordinates)”, pp. 3485–3486, attribute various

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	...
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	...

230. §20.4.2.14, “start (Wrapping Polygon Start)”, pp. 3486–3487, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	...
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	...

231. §20.4.3, “Simple Types”, p. 3500

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawing> <http://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing> namespace.

232. §20.5, “DrawingML – SpreadsheetML Drawing”, pp. 3507–3508

[DR 08-0012]

```

<xdr:twoCellAnchor>
  ...
  <xdr:graphicFrame>
    ...
    <a:graphic>
      <a:graphicData
        uri="http://schemas.openxmlformats.org/drawingml/2006/diagram
http://purl.oclc.org/ooxml/drawingml/diagram">
        <dgm:relIds xmlns:dgm="..." xmlns:r="..." r:dm="rId1" r:lo="rId2"
          r:qs="rId3" r:cs="rId4" />
      </a:graphicData>
    </a:graphic>
  </xdr:graphicFrame>
</xdr:twoCellAnchor>

```


233. §20.5.2.2, “blipFill (Picture Fill)”, p. 3512, attribute various

[DR 08-0012]

Attributes	Description
dpi (DPI Setting) Namespace: .../drawingml/2006/main	...
rotWithShape (Rotate With Shape) Namespace: .../drawingml/2006/main	...

234. §20.5.2.7, “cNvPicPr (Non-Visual Picture Drawing Properties)”, p. 3515, attribute preferRelativeResize

[DR 08-0012]

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: .../drawingml/2006/main	...

235. §20.5.2.8, “cNvPr (Non-Visual Drawing Properties)”, pp. 3516–3517, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main	...
hidden (Hidden) Namespace: .../drawingml/2006/main	...
id (Unique Identifier) Namespace: .../drawingml/2006/main	...
name (Name) Namespace: .../drawingml/2006/main	...
title (Title) Namespace: .../drawingml/2006/main	...

236. §20.5.2.9, “cNvSpPr (Connection Non-Visual Shape Properties)”, p. 3518, attribute txBox

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
txBox (Text Box) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

237. §20.5.2.12, “contentPart (Content Part)”, pp. 3519–3523

[DR 08-0012]

The relationship type of the explicit relationship specified by this element shall be <http://schemas.openxmlformats.org/officeDocument/2006/customXml> <http://purl.oclc.org/ooxml/officeDocument/relationships/customXml> and have a TargetMode attribute value of Internal. If an application cannot process content of the content type specified by the targeted part, then it should continue to process the file. If possible, it should also provide some indication that unknown content was not imported.

...

```

<Relationships ... >
  ...
  <Relationship Id="svg1" TargetMode="Internal"
  Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/custom
  Xml http://purl.oclc.org/ooxml/officeDocument/relationships/customXml" Target="svg1.xml" />
  ...
</Relationships>
    
```

238. §20.5.2.12, “contentPart (Content Part)”, p. 3523, attribute id

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	...

239. §20.5.2.14, “ext (Shape Extent)”, pp. 3524–3525, attribute various

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
cy (Extent Width) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

240. §20.5.2.18, “grpSpPr (Group Shape Properties)”, p. 3529, attribute bwMode

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

241. §20.5.2.26, “pos (Position)”, p. 3534, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	...
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	...

242. §20.5.2.30, “spPr (Shape Properties)”, p. 3537, attribute bwMode

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	...

243. §20.5.2.36, “xfrm (2D Transform for Graphic Frames)”, pp. 3541–3542, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
flipH (Horizontal Flip) Namespace: .../drawingml/2006/main	...
flipV (Vertical Flip) Namespace: .../drawingml/2006/main	...
rot (Rotation) Namespace: .../drawingml/2006/main	...

244. §20.5.3, “Simple Types”, p. 3542

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawing> <http://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing> namespace.

245. §21.1.2.3.5, “hlinkClick (Click Hyperlink)”, p. 3610, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

246. §21.1.2.3.6, “hlinkMouseOver (Mouse-Over Hyperlink)”, p. 3612, attribute id

[DR 08-0012]

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: .../officeDocument /2006/relationships ps http://purl.oclc.org/ooxml/officeDocument/relationships	...

247. §21.2.2.21, “bubbleScale (Bubble Scale)”, p. 3767

[DR 09-0203]

This element specifies the scale factor for the bubble chart. This element can be an ~~n-integer~~ [percentage](#) value from 0% to 300%, corresponding to a percentage of the default size.

248. §21.2.2.26, “chart (Reference to Chart Part)”, p. 3770, attribute id

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
id (Relationship Reference) Namespace: ... /officeDocument/2006/relationships http://purl.oclc.org/officeDocument/relationships	...

249. §21.2.2.30, “clrMapOvr (Color Map Override)”, pp. 3773–3775, attribute various

[DR 08-0012]

Attributes	Description
accent1 (Accent 1) Namespace: ... /drawingml/2006/main http://purl.oclc.org/officeDocument/relationships	...
accent2 (Accent 2) Namespace: ... /drawingml/2006/main http://purl.oclc.org/officeDocument/relationships	...
accent3 (Accent 3) Namespace: ... /drawingml/2006/main http://purl.oclc.org/officeDocument/relationships	...
accent4 (Accent 4) Namespace: ... /drawingml/2006/main http://purl.oclc.org/officeDocument/relationships	...

Attributes	Description
accent5 (Accent 5) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
accent6 (Accent 6) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
bg1 (Background 1) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
bg2 (Background 2) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
folHlink (Followed Hyperlink) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
hlink (Hyperlink) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

Attributes	Description
tx1 (Text 1) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
tx2 (Text 2) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

250. §21.2.2.41, “depthPercent (Depth Percent)”, p. 3780

[DR 09-0033]

Attributes	Description
val (Depth Percent Value)	Specifies an integer a percentage value for the property defined by the parent XML element. The possible values for this attribute are defined by the ST_DepthPercent simple type (\$xx).

251. §21.2.2.63, “externalData (External Data Relationship)”, p. 3790, attribute id

[DR 08-0012]

Attributes	Description
id (Relationship Reference) Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the relationship ID for the relationship for this chart. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/package http://purl.oclc.org/ooxml/officeDocument/relationships/package

252. §21.2.2.74, “gapDepth (Gap Depth)”, p. 3795, attribute val

[DR 09-0203]

Attributes	Description
val (Gap Size Value)	Specifies that the contents of this attribute contain a gap amount between 0% and 500%. The possible values for this attribute are defined by the ST_GapAmount simple type (\$xx).

253. §21.2.2.75, “gapWidth (Gap Width)”, p. 3796, attribute val

[DR 09-0203]

Attributes	Description
val (Gap Size Value)	Specifies that the contents of this attribute contain a gap amount between 0% and 500%. The possible values for this attribute are defined by the ST_GapAmount simple type (\$xx).

254. §21.2.2.82, “holeSize (Hole Size)”, p. 3799, attribute val

[DR 09-0203]

Attributes	Description
val (Hole Size Value)	Specifies that the contents of this attribute contain a hole size between 10% and 90% that is measured as a percentage of the size of the plot area. The possible values for this attribute are defined by the ST_HoleSize simple type (\$xx).

255. §21.2.2.83, “hPercent (Height Percent)”, p. 3800

[DR 09-0033]

Attributes	Description
val (Height Percent Value)	Specifies that the contents of this attribute contain a height percent between 5% and 500%. The possible values for this attribute are defined by the ST_HPercent simple type (\$xx).

256. §21.2.2.91, “lblOffset (Label Offset)”, p. 3803, attribute val

[DR 09-0203]

Attributes	Description
val (Label Offset Value)	Specifies the contents of this attribute contain an percentage integer between 0% and 1000%. The possible values for this attribute are defined by the ST_LblOffset simple type (\$xx).

257. §21.2.2.131, “overlap (Overlap)”, p. 3820, attribute val

[DR 09-0203]

Attributes	Description
val (Overlap Value)	<p>Specifies the contents of this attribute contain an integer <u>percentage</u> between -100% and 100%.</p> <p>The possible values for this attribute are defined by the ST_Overlap simple type (\$xx).</p>

258. §21.2.2.136, “perspective (Perspective)”, p. 3827, attribute val

[DR 09-0203]

Attributes	Description
val (Perspective Value)	<p>Specifies the contents of this attribute contain an integer <u>a percentage</u> between 0% and 100<u>240</u>%.</p> <p>The possible values for this attribute are defined by the ST_Perspective simple type (\$xx).</p>

259. §21.2.2.164, “secondPieSize (Second Pie Size)”, p. 3839, attribute val

[DR 09-0203]

Attributes	Description
val (Second Pie Size Value)	<p>Specifies the contents of this attribute contain an integer <u>a percentage</u> between 5% and 200%.</p> <p>The possible values for this attribute are defined by the ST_SecondPieSize simple type (\$xx).</p>

260. §21.2.2.197, “spPr (Shape Properties)”, p. 3858, attribute bwMode

[DR 08-0012]

Attributes	Description
<p>bwMode (Black and White Mode)</p> <p>Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main</p>	<p>...</p>

261. §21.2.2.206, “thickness (Thickness)”, pp. 3861–3862, attribute val

[DR 09-0203]

Attributes	Description
val (Integer Value)	<p>Specifies that the contents of this attribute contain an integer number a percentage.</p> <p>The contents of this number are interpreted based on the context of the parent XML element.</p> <p>The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype ST_Thickness simple type (§21.2.3.60).</p>

[Note: The W3C XML Schema definition of this element’s content model (CT [UnsignedIntThickness](#)) is located in §xx. *end note*]

262. §21.2.2.221, “userShapes (Reference to Chart Drawing Part)”, p. 3868, attribute id

[DR 08-0012]

Attributes	Description
<p>id (Relationship Reference)</p> <p>Namespace: .../officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>...</p>

263. §21.2.3, “Simple Types”, p. 3875

[DR 08-0012]

This is the complete list of simple types in the ~~<http://schemas.openxmlformats.org/drawingml/2006/chart>~~ <http://purl.oclc.org/ooxml/drawingml/chart> namespace.

264. §21.2.3.5, “ST_BubbleScale (Bubble Scale)”, pp. 3877–3878

[DR 09-0203]

This simple type specifies that its contents contain an ~~integer~~ percentage between 0% and 300%.

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedInt datatype.~~ is a union of the following types:

- ST_BubbleScalePercent simple type (§21.2.3.59).

~~This simple type also specifies the following restrictions:~~

- ~~• This simple type has a minimum value of greater than or equal to 0.~~
- ~~This simple type has a maximum value of less than or equal to 300.~~

265. §21.2.3.9, “ST_DepthPercent (Depth Percent)”, p. 3880

[DR 09-0033]

This simple type specifies that its contents contain a ~~whole number~~ percentage between 20% and 2000%, ~~whose contents are a percentage.~~

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedShort datatype.~~ is a union of the following types:

- ST_DepthPercentWithSymbol simple type (§21.2.3.51).

~~This simple type also specifies the following restrictions:~~

- ~~• This simple type has a minimum value of greater than or equal to 20.~~
- ~~• This simple type has a maximum value of less than or equal to 2000.~~

266. §21.2.3.16, “ST_GapAmount (Gap Amount)”, p. 3883

[DR 09-0203]

This simple type specifies that its contents contain an ~~integer~~ a percentage between 0% and 500%, ~~whose contents are a percentage.~~

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedShort datatype.~~ is a union of the following types:

- ST_GapAmountPercent simple type (§21.2.3.53).

~~This simple type also specifies the following restrictions:~~

- ~~• This simple type has a minimum value of greater than or equal to 0.~~
- ~~• This simple type has a maximum value of less than or equal to 500.~~

267. §21.2.3.18, “ST_HoleSize (Hole Size)”, p. 3884

[DR 09-0203]

This simple type specifies that its contents contain an ~~integer~~ percentage between 10% and 90%, ~~whose contents are a percentage.~~

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedByte datatype.~~ is a union of the following types:

- ST_HoleSizePercent simple type (§21.2.3.56).

~~This simple type also specifies the following restrictions:~~

- ~~This simple type has a minimum value of greater than or equal to 10.~~
- ~~This simple type has a maximum value of less than or equal to 90.~~

268. §21.2.3.19, “ST_HPercent (Height Percent)”, p. 3885

[DR 09-0033]

This simple type specifies that its contents contain an ~~integer~~ percentage between 5% and 500%, ~~whose contents are a percentage.~~

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedShort datatype.~~ is a union of the following types:

- ST_HPercentWithSymbol simple type (§21.2.3.52).

~~This simple type also specifies the following restrictions:~~

- ~~This simple type has a minimum value of greater than or equal to 5.~~
- ~~This simple type has a maximum value of less than or equal to 500.~~

269. §21.2.3.23, “ST_LblOffset (Label Offset)”, pp. 3886–3887

[DR 09-0203]

This simple type specifies that its contents contain an ~~integer~~ percentage between 0% and 1000%, ~~whose contents are a percentage of the default value.~~

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedShort datatype.~~ is a union of the following types:

- ST_LblOffsetPercent simple type (§21.2.3.57).

~~This simple type also specifies the following restrictions:~~

- ~~• This simple type has a minimum value of greater than or equal to 0.~~
- ~~• This simple type has a maximum value of less than or equal to 100.~~

270. §21.2.3.31, “ST_Overlap (Overlap)”, p. 3891

[DR 09-0203]

This simple type specifies that its contents contain ~~an integer~~ [percentage](#) between -100% and 100%, ~~whose contents are a percentage.~~

This simple type ~~'s contents are a restriction of the W3C XML Schema byte datatype.~~ [is a union of the following types:](#)

- [ST_OverlapPercent simple type \(§21.2.3.58\).](#)

~~This simple type also specifies the following restrictions:~~

- ~~• This simple type has a minimum value of greater than or equal to -100.~~
- ~~• This simple type has a maximum value of less than or equal to 100.~~

271. §21.2.3.34, “ST_Perspective (Perspective)”, p. 3892

[DR 09-0203]

This simple type specifies that its contents contain ~~an integer~~ [a percentage](#) between 0% and ~~100~~[240%](#), ~~whose contents are a percentage.~~

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedByte datatype.~~ [is a union of the following types:](#)

- [ST_PerspectivePercent simple type \(§21.2.3.54\).](#)

~~This simple type also specifies the following restrictions:~~

- ~~• This simple type has a minimum value of greater than or equal to 0.~~
- ~~• This simple type has a maximum value of less than or equal to 240.~~

272. §21.2.3.41, “ST_SecondPieSize (Second Pie Size)”, p. 3896

[DR 09-0203]

This simple type specifies that its contents contain ~~an integer~~ [a percentage](#) between 5% and 200%, ~~whose contents consist of a percentage.~~

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedShort datatype.~~ [is a union of the following types:](#)

- [ST_SecondPieSizePercent simple type \(§21.2.3.55\)](#).

This simple type also specifies the following restrictions:

- ~~This simple type has a maximum value of less than or equal to 200.~~
- ~~This simple type has a minimum value of greater than or equal to 5.~~

273. §21.2.3.51, “ST_DepthPercentWithSymbol (Depth Percent with Symbol)”, new subclause

[DR 09-0033]

[This simple type specifies that its contents contain a percentage between 20% and 2000%.](#)

[The simple type’s contents shall match the following regular expression pattern:](#)

[0*\(\(\[2-9\]\[0-9\]\)|\(\[1-9\]\[0-9\]\[0-9\]\)|\(1\[0-9\]\[0-9\]\[0-9\]\)|2000\)%.](#)

Referenced By
ST_DepthPercent (§21.2.3.9)

274. §21.2.3.52, “ST_HPercentWithSymbol (Height Percent with Symbol)”, new subclause

[DR 09-0033]

[This simple type specifies that its contents contain a percentage between 5% and 500%.](#)

[The simple type’s contents shall match the following regular expression pattern:](#)

[0*\(\(\[5-9\]\)|\(\[1-9\]\[0-9\]\)|\(\[1-4\]\[0-9\]\[0-9\]\)|500\)%.](#)

Referenced By
ST_HPercent (§21.2.3.19)

275. §21.2.3.53, “ST_GapAmountPercent (Gap Amount Percentage)”, new subclause

[DR 09-0203]

[This simple type specifies that its contents contain a percentage between 0% and 500%.](#)

[The simple type’s contents shall match the following regular expression pattern:](#)

[0*\(\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|\(\[1-4\]\[0-9\]\[0-9\]\)|500\)%.](#)

Referenced By

Referenced By[ST_GapAmount \(§21.2.3.16\)](#)**276. §21.2.3.54, “ST_PerspectivePercent (Perspective Percentage)”, new subclause**

[DR 09-0203]

[This simple type specifies that its contents contain a percentage between 0% and 240%.](#)

[The simple type’s contents shall match the following regular expression pattern:](#)

[0* \(\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|\(1\[0-9\]\[0-9\]\)|\(2\[0-3\]\[0-9\]\)|240\)%.](#)

Referenced By[ST_Perspective \(§21.2.3.34\)](#)**277. §21.2.3.55, “ST_SecondPieSizePercent (Second Pie Size Percentage)”, new subclause**

[DR 09-0203]

[This simple type specifies that its contents contain a percentage between 5% and 200%.](#)

[The simple type’s contents shall match the following regular expression pattern:](#)

[0* \(\(\[5-9\]\)|\(\[1-9\]\[0-9\]\)|\(1\[0-9\]\[0-9\]\)|200\)%.](#)

Referenced By[ST_SecondPieSize \(§21.2.3.41\)](#)**278. §21.2.3.56, “ST_HoleSizePercent (Hole Size Percentage)”, new subclause**

[DR 09-0203]

[This simple type specifies that its contents contain a percentage between 10% and 90%.](#)

[The simple type’s contents shall match the following regular expression pattern: 0*\(\(\(1-8\)\[0-9\]\)|90\)%.](#)

Referenced By[ST_HoleSize \(§21.2.3.18\)](#)

279. §21.2.3.57, “ST_LblOffsetPercent (Label Offset Percentage)”, new subclause

[DR 09-0203]

[This simple type specifies that its contents contain a percentage between 0% and 1000%.](#)

[The simple type’s contents shall match the following regular expression pattern:](#)

[0*\(\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|\(\[1-9\]\[0-9\]\[0-9\]\)|1000\)%.](#)

Referenced By
ST_LblOffset (§21.2.3.23)

280. §21.2.3.58, “ST_OverlapPercent (Overlap Percentage)”, new subclause

[DR 09-0203]

[This simple type specifies that its contents contain a percentage between -100% and 100%.](#)

[The simple type’s contents shall match the following regular expression pattern:](#)

[\(-?0*\(\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|100\)\)%.](#)

Referenced By
ST_Overlap (§21.2.3.31)

281. §21.2.3.59, “ST_BubbleScalePercent (Bubble Scale Percentage)”, new subclause

[DR 09-0203]

[This simple type specifies that its contents contain a percentage between 0% and 300%.](#)

[The simple type’s contents shall match the following regular expression pattern:](#)

[0*\(\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|\(\[1-2\]\[0-9\]\[0-9\]\)|300\)%.](#)

Referenced By
ST_BubbleScale (§21.2.3.5)

282. §21.2.3.60, “ST_Thickness (Thickness Percentage)”, new subclause

[DR 09-0203]

[This simple type specifies that its contents contain a percentage.](#)

This simple type is a union of the following types:

- ST_ThicknessPercent simple type (§21.2.3.61).

283. §21.2.3.61, “ST_ThicknessPercent (Thickness Percentage)”, new subclause

[DR 09-0203]

This simple type specifies that its contents contain a percentage.

The simple type’s contents shall match the following regular expression pattern: ([0-9]+)%.

<u>Referenced By</u>
<u>ST_Thickness (§xx)</u>

284. §21.3.2.2, “blipFill (Picture Fill)”, pp. 3913–3914, attribute various

[DR 08-0012]

Attributes	Description
dpi (DPI Setting) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
rotWithShape (Rotate With Shape) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

285. §21.3.2.6, “cNvPicPr (Non-Visual Picture Drawing Properties)”, p. 3916, attribute preferRelativeResize

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
preferRelativeResi ze (Relative Resize Preferred) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

286. §21.3.2.7, “cNvPr (Non-Visual Drawing Properties)”, pp. 3917–3918, attribute various

[DR 08-0012]

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
hidden (Hidden) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...
id (Unique Identifier) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

Attributes	Description
name (Name) Namespace: .../drawingml/2006/main	...
title (Title) Namespace: .../drawingml/2006/main	...

287. §21.3.2.8, “cNvSpPr (Non-Visual Shape Drawing Properties)”, p. 3919, attribute txBox

[DR 08-0012]

Attributes	Description
txBox (Text Box) Namespace: .../drawingml/2006/main	...

288. §21.3.2.10, “ext (Shape Extent)”, p. 3922, attribute various

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main	...

Attributes	Description
cy (Extent Width) Namespace: .../drawingml/2006/main	...

289. §21.3.2.14, “grpSpPr (Group Shape Properties)”, p. 3926, attribute bwMode

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	...

290. §21.3.2.23, “spPr (Shape Properties)”, p. 3934, attribute bwMode

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	...

291. §21.3.2.28, “xfrm (Graphics Frame Transform)”, p. 3937, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
flipH (Horizontal Flip) Namespace: .../drawingml/2006/main	...
flipV (Vertical Flip) Namespace: .../drawingml/2006/main	...
rot (Rotation) Namespace: .../drawingml/2006/main	...

292. §21.3.3, “Simple Types”, p. 3938

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/drawingml/2006/chartDrawing> <http://purl.oclc.org/ooxml/drawingml/chartDrawing> namespace.

293. §21.4.2.22, “relIds (Explicit Relationships to Diagram Parts)”, p. 3968, attribute various

[DR 08-0012]

Attributes	Description
------------	-------------

Attributes	Description
<p>cs (Explicit Relationship to Diagram Colors Part)</p> <p>Namespace: .../officeDocument/2006/relationships pshttp://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>...</p> <p>This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramColorshttp://purl.oclc.org/ooxml/officeDocument/relationships/diagramColors or the document shall be considered non-conformant.</p> <p>...</p>
<p>dm (Explicit Relationship to Diagram Data Part)</p> <p>Namespace: .../officeDocument/2006/relationships pshttp://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>...</p> <p>This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramDatahttp://purl.oclc.org/ooxml/officeDocument/relationships/diagramData or the document shall be considered non-conformant.</p> <p>...</p>
<p>lo (Explicit Relationship to Diagram Layout Definition Part)</p> <p>Namespace: .../officeDocument/2006/relationships pshttp://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>...</p> <p>This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramLayouthttp://purl.oclc.org/ooxml/officeDocument/relationships/diagramLayout or the document shall be considered non-conformant.</p> <p>...</p>
<p>qs (Explicit Relationship to Style Definition Part)</p> <p>Namespace: .../officeDocument/2006/relationships pshttp://purl.oclc.org/ooxml/officeDocument/relationships</p>	<p>...</p> <p>This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramQuickStylehttp://purl.oclc.org/ooxml/officeDocument/relationships/diagramQuickStyle or the document shall be considered non-conformant.</p> <p>...</p>

294. §21.4.2.27, “shape (Shape)”, p. 3973, attribute blip

[DR 08-0012]

Attributes	Description
blip (Relationship to Image Part) Namespace: http://schemas.openxmlformats.org/officeDocument/2006/relationships/image http://purl.oclc.org/ooxml/officeDocument/relationships	... This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image http://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant. ...

295. §21.4.3.4, “prSet (Property Set)”, pp. 3983–3984 attributes various

[DR 08-0004]

Attributes	Description
custLinFactNeighborX (Neighbor Offset Width)	Specifies the percentage of the neighbor's width used for offsetting shape. The possible values for this attribute are defined by the W3C XML Schema int datatype ST_PrSetCustVal simple type (§xx) .
custLinFactNeighborY (Neighbor Offset Height)	Specifies the percentage of the neighbor's height used for offsetting shape. The possible values for this attribute are defined by the W3C XML Schema int datatype ST_PrSetCustVal simple type (§xx) .
custLinFactX (Custom Factor Width)	Specifies the percentage of the current shape width used for offsetting the shape. The possible values for this attribute are defined by the W3C XML Schema int datatype ST_PrSetCustVal simple type (§xx) .
custLinFactY (Custom Factor Height)	Specifies the percentage of the current shape height used for offsetting the shape. The possible values for this attribute are defined by the W3C XML Schema int datatype ST_PrSetCustVal simple type (§xx) .
custRadScaleInc (Include Angle Scale)	Specifies the amount percent that the include angle has been scaled by. The possible values for this attribute are defined by the W3C XML Schema int datatype ST_PrSetCustVal simple type (§xx) .

Attributes	Description
custRadScaleRad (Radius Scale)	Specifies the percent that how much the radius has been scaled by. The possible values for this attribute are defined by the W3C XML Schema int datatype ST_PrSetCustVal simple type (\$xx) .
custScaleX (Width Scale)	Specifies the amount percent that the width has been scaled by. The possible values for this attribute are defined by the W3C XML Schema int datatype ST_PrSetCustVal simple type (\$xx) .
custScaleY (Height Scale)	Specifies the amount percent that the height has been scaled by. The possible values for this attribute are defined by the W3C XML Schema int datatype ST_PrSetCustVal simple type (\$xx) .

296. §21.4.3.7, “spPr (Shape Properties)”, p. 3988, attribute bwMode

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

297. §21.4.5.6, “sp3d (3-D Shape Properties)”, pp. 4008–4009, attribute various

[DR 08-0012]

Attributes	Description
contourW (Contour Width) Namespace: .../drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	...

Attributes	Description
extrusionH (Extrusion Height) Namespace: .../drawingml/2006/main	...
prstMaterial (Preset Material Type) Namespace: .../drawingml/2006/main	...
z (Shape Depth) Namespace: .../drawingml/2006/main	...

298. §21.4.7, “Simple Types”, p. 4021

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/drawingml/2006/diagram> <http://purl.oclc.org/ooxml/drawingml/diagram> namespace.

299. §21.4.7.66, “ST_PrSetCustVal (Property Set Customized Value)”, new subclause

[DR 08-0004]

[This simple type defines customization percentage values for certain elements in DrawingML.](#)

[This simple type is a union of the following types:](#)

- [The ST_Percentage simple type \(§22.9.2.9\).](#)

<u>Referenced By</u>
prSet@custScaleX (§21.4.3.4) ; prSet@custScaleY (§21.4.3.4) ; prSet@custLinFactX (§21.4.3.4) ; prSet@custLinFactY (§21.4.3.4) ; prSet@ custLinFactNeighborX (§21.4.3.4) ; prSet@ custLinFactNeighborY (§21.4.3.4) ; prSet@ custRadScaleRad (§21.4.3.4) ; prSet@custRadScaleInc (§21.4.3.4) ;

[prSet@custScaleX \(§21.4.3.4\)](#); [prSet@custScaleY \(§21.4.3.4\)](#); [prSet@custLinFactX \(§21.4.3.4\)](#);
[prSet@custLinFactY \(§21.4.3.4\)](#); [prSet@ custLinFactNeighborX \(§21.4.3.4\)](#); [prSet@ custLinFactNeighborY \(§21.4.3.4\)](#); [prSet@ custRadScaleRad \(§21.4.3.4\)](#); [prSet@custRadScaleInc \(§21.4.3.4\)](#);

[Note: The W3C XML Schema definition of this simple type's content model (ST PrSetCustVal) is located in §xx. end note]

300. §22.1.3, “Simple Types”, p. 4223

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/officeDocument/2006/math><http://purl.oclc.org/ooxml/officeDocument/math> namespace.

301. §22.2, “Extended Properties”, p. 4230

[DR 08-0012]

Extended properties are stored within an Extended File Properties part with:

- Source Relationship:
<http://schemas.openxmlformats.org/officeDocument/2006/relationships/extended-properties><http://purl.oclc.org/ooxml/officeDocument/relationships/extendedProperties>
- Content Type: application/vnd.openxmlformats-officedocument.extended-properties+xml

302. §22.3, “Custom Properties”, p. 4240

[DR 08-0012]

Custom properties are represented by property elements (§22.3.2.2) stored in the Custom File Properties part with:

- Source Relationship:
<http://schemas.openxmlformats.org/officeDocument/2006/relationships/custom-properties><http://purl.oclc.org/ooxml/officeDocument/relationships/customProperties>
- Content Type: application/vnd.openxmlformats-officedocument.custom-properties+xml

303. §22.4.3, “Simple Types”, p. 4256

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypes><http://purl.oclc.org/ooxml/officeDocument/docPropsVTypes> namespace.

304. §22.6.2.60, “sources (Sources)”, p. 4300

[DR 08-0012]

Attributes	Description
SelectedStyle (Selected Style)	<p>...</p> <p>[Example:</p> <pre data-bbox="451 682 1474 787"><b:Sources SelectedStyle="\APA.XSL" StyleName="APA" URI="http://schemas.openxmlformats.org/bibliographicStyle/APAhttp://purl.oclc.org/ooxml/bibliographicStyle/APA"></pre> <p>end example]</p> <p>...</p>

305. §22.6.3, “Simple Types”, p. 4310

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/officeDocument/2006/bibliography><http://purl.oclc.org/ooxml/officeDocument/bibliography> namespace.

306. §22.7.3, “Simple Types”, p. 4315

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/officeDocument/2006/characteristics><http://purl.oclc.org/ooxml/officeDocument/characteristics> namespace.

307. §22.8.2, “Simple Types”, p. 4316

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/officeDocument/2006/relationships><http://purl.oclc.org/ooxml/officeDocument/relationships> namespace.

308. §22.9.2, “Simple Types”, p. 4317

[DR 08-0012]

This is the complete list of simple types in the

<http://schemas.openxmlformats.org/officeDocument/2006/sharedTypes><http://purl.oclc.org/ooxml/officeDocument/shareTypes> namespace.

309. §A.1, “WordprocessingML”, p. 4345, lines 1–18

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/mathhttp://purl.oc
  lc.org/ooxml/officeDocument/math"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://
  purl.oclc.org/ooxml/officeDocument/relationships"
  xmlns:sl="http://schemas.openxmlformats.org/schemaLibrary/2006/mainhttp://purl.oc
  lc.org/ooxml/schemaLibrary/main"
  xmlns:wp="http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawingh
  ttp://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing"
  xmlns="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl.oc
  lc.org/ooxml/wordprocessingml/main"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://
  purl.oclc.org/ooxml/officeDocument/sharedTypes" elementFormDefault="qualified"
  attributeFormDefault="qualified" blockDefault="#all"
  targetNamespace="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp
  ://purl.oclc.org/ooxml/wordprocessingml/main">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDraw
    inghttp://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing"
    schemaLocation="dml-wordprocessingDrawing.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/mathhttp://pu
    rl.oclc.org/ooxml/officeDocument/math" schemaLocation="shared-math.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationships
    http://purl.oclc.org/ooxml/officeDocument/relationships"
    schemaLocation="shared-relationshipReference.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypesht
    tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
    commonSimpleTypes.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/schemaLibrary/2006/mainhttp://pur
    l.oclc.org/ooxml/schemaLibrary/main" schemaLocation="shared-
    customXmlSchemaProperties.xsd"/>

```

310. §A.1, “WordprocessingML”, p. 4347, lines 108–113

[DR 09-0202]


```

<xsd:simpleType name="ST_TextScale">
  <xsd:union memberTypes="ST_TextScalePercent"/>
  <xsd:restriction base="xsd:integer">
  <xsd:minInclusive value="0"/>
  <xsd:maxInclusive value="600"/>
  </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="ST_TextScalePercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*(600|([0-5]?[0-9]?[0-9]))%"/>
  </xsd:restriction>
</xsd:simpleType>

```

311. §A.1, "WordprocessingML", p. 4385, lines 2143–2146

[DR 09-0246]

```

<xsd:simpleType name="ST_MeasurementOrPercent">
  <xsd:union memberTypes="ST_DecimalNumberOrPercent s:ST_UniversalMeasure"/>
</xsd:simpleType>
<xsd:complexType name="CT_TblWidth">
  <xsd:attribute name="w"
    type="ST_DecimalNumberOrPercentST_MeasurementOrPercent"/>
  <xsd:attribute name="type" type="ST_TblWidth"/>
</xsd:complexType>

```

312. §A.1, "WordprocessingML", p. 4392, lines 2500–2506

[DR 09-0008]

```

<xsd:complexType name="CT_RecipientData">
  <xsd:sequence>
    <xsd:element name="active" type="CT_OnOff" minOccurs="0"/>
    <xsd:element name="column" type="CT_DecimalNumber" minOccurs="1"/>
    <xsd:element name="uniqueTag" type="xsd:base64BinaryCT_Base64Binary"
      minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CT_Base64Binary">
  <xsd:attribute name="val" type="xsd:base64Binary" use="required">
  </xsd:attribute>
</xsd:complexType>

```

313. §A.2, "SpreadsheetML", p. 4410, lines 1-13

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/spreadsheetml/2006/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
  xmlns:xdr="http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawinghttp://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
  targetNamespace="http://schemas.openxmlformats.org/spreadsheetml/2006/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main" elementFormDefault="qualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
    schemaLocation="shared-relationshipReference.xsd"/>
  <xsd:import id="s"
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-commonSimpleTypes.xsd"/>
  <xsd:import id="xdr"
    namespace="http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawinghttp://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing" schemaLocation="dml-spreadsheetDrawing.xsd"/>

```

314. §A.2, "SpreadsheetML", p. 4481, lines 3792-3811

[DR 09-0052]

```

<xsd:complexType name="CT_Font">
  <xsd:choice maxOccurs="unbounded">
    ...
    <xsd:element name="family" type="CT_IntPropertyCT_FontFamily" minOccurs="0"
      maxOccurs="1"/>
    ...
  </xsd:choice>
</xsd:complexType>

```

315. §A.2, "SpreadsheetML", new type

[DR 09-0052]

```

<xsd:complexType name="CT_FontFamily">
  <xsd:attribute name="val" type="ST_FontFamily" use="required"/>
</xsd:complexType>

<xsd:simpleType name="ST_FontFamily">
  <xsd:restriction base="xsd:integer">
    <xsd:minInclusive value="0"/>
    <xsd:maxInclusive value="14"/>
  </xsd:restriction>
</xsd:simpleType>

```

316. §A.3, "PresentationML", p. 4494, lines 1-13

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/presentationml/2006/mainhttp://purl.oclc.org/ooxml/presentationml/main"
  xmlns:p="http://schemas.openxmlformats.org/presentationml/2006/mainhttp://purl.oclc.org/ooxml/presentationml/main"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes" elementFormDefault="qualified"
  targetNamespace="http://schemas.openxmlformats.org/presentationml/2006/mainhttp://purl.oclc.org/ooxml/presentationml/main">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
    schemaLocation="shared-relationshipReference.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>
  <xsd:import id="s"
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-commonSimpleTypes.xsd"/>

```

317. §A.3, “PresentationML”, p. 4508, lines 768–773

[DR 09-0241]

```

<xsd:complexType name="CT_Extension">
  <xsd:sequence>
    <xsd:any processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="uri" type="xsd:token" use="required"/>
</xsd:complexType>

```

318. §A.3, “PresentationML”, p. 4510, lines 849–857

[DR 09-0244]

```

<xsd:complexType name="CT_OleObject">
  <xsd:sequence>
    <xsd:choice minOccurs="1" maxOccurs="1">
      <xsd:element name="embed" type="CT_OleObjectEmbed"/>
      <xsd:element name="link" type="CT_OleObjectLink"/>
      <del>xsd:element name="pic" type="CT_Picture"/>
    </xsd:choice>
    <xsd:element name="pic" type="CT_Picture" minOccurs="1" maxOccurs="1"/>
  </xsd:sequence>
  <xsd:attributeGroup ref="AG_Ole"/>
  <xsd:attribute name="progId" type="xsd:string" use="optional"/>
</xsd:complexType>

```

319. §A.3, "PresentationML", p. 4522, lines 1505-1508

[DR 09-0245]

```

<xsd:complexType name="CT_StringTag">
  <xsd:attribute name="name" type="xsd:string" use="required"/>
  <xsd:attribute name="val" type="xsd:string" use="required"/>
</xsd:complexType>

```

320. §A.4.1, "DrawingML - Main", p. 4525, lines 1-20

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
  xmlns="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
  targetNamespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" elementFormDefault="qualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
    schemaLocation="shared-relationshipReference.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-commonSimpleTypes.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram" schemaLocation="dml-diagram.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/charthttp://purl.oclc.org/ooxml/drawingml/chart" schemaLocation="dml-chart.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/picturehttp://purl.oclc.org/ooxml/drawingml/picture" schemaLocation="dml-picture.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/compatibilityhttp://purl.oclc.org/ooxml/drawingml/compatibility" schemaLocation="dml-compatibility.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/lockedCanvashttp://purl.oclc.org/ooxml/drawingml/lockedCanvas" schemaLocation="dml-lockedCanvas.xsd"/>

```

321. §A.4.1, “DrawingML - Main”, p. 4528, lines 184–189

[DR 09-0237]

```

<xsd:complexType name="CT_OfficeArtExtension">
  <xsd:sequence>
    <xsd:any processContents="lax" minOccurs="0" maxOccurs="unbounded"/>>
  </xsd:sequence>
  <xsd:attribute name="uri" type="xsd:token" use="required"/>>
</xsd:complexType>

```

322. §A.4.1, "DrawingML - Main", p. 4529, lines 240–242

[DR 08-0001]

```

<xsd:simpleType name="ST_PercentageDecimal">
  <xsd:restriction base="xsd:int"/>
</xsd:simpleType>

```

323. §A.4.1, "DrawingML - Main", p. 4536, lines 597–602

[DR 09-0239]

```

<xsd:complexType name="CT_PresetColor">
  <xsd:sequence>
    <xsd:group ref="EG_ColorTransform" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="val" type="ST_PresetColorVal" use="required"/>>
</xsd:complexType>

```

324. §A.4.1, "DrawingML - Main", p. 4541, lines 835–840

[DR 09-0238]

```

<xsd:complexType name="CT_GraphicalObjectData">
  <xsd:sequence>
    <xsd:any minOccurs="0" maxOccurs="unbounded" processContents="strict"/>
  </xsd:sequence>
  <xsd:attribute name="uri" type="xsd:token" use="required"/>>
</xsd:complexType>

```

325. §A.4.1, "DrawingML - Main", p. 4555, lines 1617–1619

[DR 09-0236]

```
<xsd:complexType name="CT_EffectReference">
  <xsd:attribute name="ref" type="xsd:token" use="required"/>
</xsd:complexType>
```

326. §A.4.1, "DrawingML - Main", p. 4577, lines 2742–2747

[DR 08-0007]

```
<xsd:simpleType name="ST_TextBulletSize">
  <xsd:union memberTypes="ST_TextBulletSizePercent"/>
</xsd:simpleType>
<xsd:simpleType name="ST_TextBulletSizePercent">
<xsd:restriction base="ST_PercentageDecimal">
  <xsd:minInclusive value="25000"/>
  <xsd:maxInclusive value="400000"/>
</xsd:restriction>
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*(([5-9])|([3-9][0-9])|([1-3][0-9][0-9])|400)%"/>
  </xsd:restriction>
</xsd:simpleType>
```

327. §A.4.1, "DrawingML - Main", p. 4576, lines 2752–2754

[DR 09-0235]

```
<xsd:complexType name="CT_TextBulletSizePoint">
  <xsd:attribute name="val" type="ST_TextFontSize" use="required"/>
</xsd:complexType>
```

328. §A.4.1, "DrawingML - Main", p. 4577, lines 2749–2751

[DR 09-0234]

```
<xsd:complexType name="CT_TextBulletSizePercent">
  <xsd:attribute name="val" type="ST_TextBulletSizePercent" use="required"/>
</xsd:complexType>
```

329. §A.4.1, "DrawingML - Main", p. 4578, lines 2814–2819

[DR 09-0240]


```

<xsd:complexType name="CT_TextFont">
  <xsd:attribute name="typeface" type="ST_TextTypeface" use="required"/>
  ...
</xsd:complexType>

```

330. §A.4.2, “DrawingML – Picture”, p. 4582, lines 1–6

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/drawingml/2006/picturehttp://purl.oclc.org/ooxml/drawingml/picture"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" elementFormDefault="qualified"
  targetNamespace="http://schemas.openxmlformats.org/drawingml/2006/picturehttp://purl.oclc.org/ooxml/drawingml/picture">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>

```

331. §A.4.3, “DrawingML – Locked Canvas”, p. 4583, lines 1–10

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/drawingml/2006/lockedCanvashttp://purl.oclc.org/ooxml/drawingml/lockedCanvas"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
  elementFormDefault="qualified"
  targetNamespace="http://schemas.openxmlformats.org/drawingml/2006/lockedCanvashttp://purl.oclc.org/ooxml/drawingml/lockedCanvas">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>
  <xsd:element name="lockedCanvas" type="a:CT_GvmlGroupShape"/>
</xsd:schema>

```

332. §A.4.4, “DrawingML – WordprocessingML Drawing”, p. 4583, lines 1–10

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
  xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl.oclc.org/ooxml/wordprocessingml/main"
  xmlns="http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawinghttp://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing"
  targetNamespace="http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawinghttp://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing"
  elementFormDefault="qualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>
  <xsd:import schemaLocation="wml.xsd"
    namespace="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl.oclc.org/ooxml/wordprocessingml/main"/>

```

333. §A.4.5, “DrawingML – SpreadsheetML Drawing”, p. 4587, lines 1–10

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
  xmlns="http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawinghttp://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
  targetNamespace="http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawinghttp://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing"
  elementFormDefault="qualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>
  <xsd:import schemaLocation="shared-relationshipReference.xsd"
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"/>

```

334. §A.5.1, “DrawingML – Charts”, p. 4590, lines 1–16

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
  xmlns="http://schemas.openxmlformats.org/drawingml/2006/charthttp://purl.oclc.org/ooxml/drawingml/chart"
  xmlns:cdr="http://schemas.openxmlformats.org/drawingml/2006/chartDrawinghttp://purl.oclc.org/ooxml/drawingml/chartDrawing"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
  targetNamespace="http://schemas.openxmlformats.org/drawingml/2006/charthttp://purl.oclc.org/ooxml/drawingml/chart" elementFormDefault="qualified"
  attributeFormDefault="unqualified" blockDefault="#all">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
    schemaLocation="shared-relationshipReference.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/chartDrawinghttp://purl.oclc.org/ooxml/drawingml/chartDrawing" schemaLocation="dml-chartDrawing.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-commonSimpleTypes.xsd"/>

```

335. §A.5.1, “DrawingML - Charts”, p. 4594, lines 198–206

[DR 09-0033]

```

<xsd:simpleType name="ST_HPercent">
<xsd:restriction base="xsd:unsignedShort">
<xsd:minInclusive value="5"/>
<xsd:maxInclusive value="500"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_HPercentWithSymbol"/>
</xsd:simpleType>

<xsd:simpleType name="ST_HPercentWithSymbol">
  <xsd:pattern value="0*(([5-9]|([1-9][0-9])|([1-4][0-9][0-9])|500)%"/>
</xsd:simpleType>

<xsd:complexType name="CT_HPercent">
  <xsd:attribute name="val" type="ST_HPercent" default="100%"/>
</xsd:complexType>

```

336. §A.5.1, “DrawingML - Charts”, p. 4594, lines 216–224

[DR 09-0033]

```

<xsd:simpleType name="ST_DepthPercent">
<xsd:restriction base="xsd:unsignedShort">
<xsd:minInclusive value="20"/>
<xsd:maxInclusive value="2000"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_DepthPercentWithSymbol"/>
</xsd:simpleType>

<xsd:simpleType name="ST_DepthPercentWithSymbol">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*(([2-9][0-9])|([1-9][0-9][0-9])|(1[0-9][0-9][0-9])|2000)%"/>
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="CT_DepthPercent">
  <xsd:attribute name="val" type="ST_DepthPercent" default="100%"/>
</xsd:complexType>

```

337. §A.5.1, “DrawingML - Charts”, p. 4594, lines 225–233

[DR 09-0203]

```

<xsd:simpleType name="ST_Perspective">
<xsd:restriction base="xsd:unsignedByte">
<xsd:minInclusive value="0"/>
<xsd:maxInclusive value="240"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_PerspectivePercent"/>
</xsd:simpleType>

<xsd:simpleType name="ST_PerspectivePercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*(([0-9])|([1-9][0-9])|(1[0-9][0-9])|(2|[0-3][0-9])|240)%"/>
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="CT_Perspective">
  <xsd:attribute name="val" type="ST_Perspective" default="30%"/>
</xsd:complexType>

```

338. §A.5.1, "DrawingML - Charts", p. 4595, lines 245–252

[DR 09-0203]

```

<xsd:complexType name="CT_Surface">
  <xsd:sequence>
    <xsd:element name="thickness" type="CT UnsignedIntThickness "
      minOccurs="0" maxOccurs="1"/>
    <xsd:element name="spPr" type="a:CT_ShapeProperties" minOccurs="0"
      maxOccurs="1"/>
    <xsd:element name="pictureOptions" type="CT_PictureOptions" minOccurs="0"
      maxOccurs="1"/>
    <xsd:element name="extLst" type="CT_ExtensionList" minOccurs="0"
      maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:simpleType name="ST_Thickness">
  <xsd:union memberTypes="ST_ThicknessPercent"/>
</xsd:simpleType>

<xsd:simpleType name="ST_ThicknessPercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="([0-9]+)%" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="CT_Thickness">
  <xsd:attribute name="val" type="ST_Thickness" use="required"/>
</xsd:complexType>

```

339. §A.5.1, “DrawingML - Charts”, p. 4595, lines 264–272

[DR 09-0203]

```

<xsd:simpleType name="ST_GapAmount">
<xsd:restriction base="xsd:unsignedShort">
<xsd:minInclusive value="0"/>
<xsd:maxInclusive value="500"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_GapAmountPercent"/>
</xsd:simpleType>

<xsd:simpleType name="ST_GapAmountPercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*(([0-9])|([1-9][0-9])|([1-4][0-9][0-9])|500)%"/>
  </xsd:restriction>
</xsd:simpleType>
<xsd:complexType name="CT_GapAmount">
  <xsd:attribute name="val" type="ST_GapAmount" default="150%"/>
</xsd:complexType>

```

340. §A.5.1, "DrawingML - Charts", p. 4595, lines 273–281

[DR 09-0203]

```

<xsd:simpleType name="ST_Overlap">
<xsd:restriction base="xsd:byte">
<xsd:minInclusive value="-100"/>
<xsd:maxInclusive value="100"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_OverlapPercent"/>
</xsd:simpleType>

<xsd:simpleType name="ST_OverlapPercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="(-?0*(([0-9])|([1-9][0-9])|100))%"/>
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="CT_Overlap">
  <xsd:attribute name="val" type="ST_Overlap" default="0%"/>
</xsd:complexType>

```

341. §A.5.1, "DrawingML - Charts", p. 4595–4596, lines 282–290

[DR 09-0203]

```

<xsd:simpleType name="ST_BubbleScale">
<xsd:restriction base="xsd:unsignedInt">
<xsd:minInclusive value="0"/>
<xsd:maxInclusive value="300"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_BubbleScalePercent"/>
</xsd:simpleType>
<xsd:simpleType name="ST_BubbleScalePercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*(([0-9]|([1-9][0-9])|([1-2][0-9][0-9])|300)%"/>
  </xsd:restriction>
</xsd:simpleType>
<xsd:complexType name="CT_BubbleScale">
  <xsd:attribute name="val" type="ST_BubbleScale" default="100%"/>
</xsd:complexType>

```

342. §A.5.1, "DrawingML - Charts", p. 4596, lines 309-317

[DR 09-0203]

```

<xsd:simpleType name="ST_HoleSize">
<xsd:restriction base="xsd:unsignedByte">
<xsd:minInclusive value="1"/>
<xsd:maxInclusive value="90"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_HoleSizePercent"/>
</xsd:simpleType>

<xsd:simpleType name="ST_HoleSizePercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*([1-9]|([1-8][0-9])|90)%"/>
  </xsd:restriction> </xsd:simpleType>
</xsd:simpleType>
<xsd:complexType name="CT_HoleSize">
  <xsd:attribute name="val" type="ST_HoleSize" default="10%"/>
</xsd:complexType>

```

343. §A.5.1, "DrawingML - Charts", pp. 4596-4597, lines 336-344

[DR 09-0203]


```

<xsd:simpleType name="ST_SecondPieSize">
<xsd:restriction base="xsd:unsignedShort">
<xsd:minInclusive value="5"/>
<xsd:maxInclusive value="200"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_SecondPieSizePercent"/>
</xsd:simpleType>

<xsd:simpleType name="ST_SecondPieSizePercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*(([5-9])|([1-9][0-9])|(1[0-9][0-9])|200)%"/>
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="CT_SecondPieSize">
  <xsd:attribute name="val" type="ST_SecondPieSize" default="75%"/>
</xsd:complexType>

```

344. §A.5.1, "DrawingML - Charts", p. 4612, lines 1139–1147

[DR 09-0203]

```

<xsd:simpleType name="ST_LblOffset">
<xsd:restriction base="xsd:unsignedShort">
<xsd:minInclusive value="0"/>
<xsd:maxInclusive value="1000"/>
</xsd:restriction>
  <xsd:union memberTypes="ST_LblOffsetPercent"/>
</xsd:simpleType>

<xsd:simpleType name="ST_LblOffsetPercent">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="0*(([0-9])|([1-9][0-9])|([1-9][0-9][0-9])|1000)%"/>
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="CT_LblOffset">
  <xsd:attribute name="val" type="ST_LblOffset" default="100%"/>
</xsd:complexType>

```

345. §A.5.2, "DrawingML - Chart Drawings", p. 4617, lines 1–7

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
  xmlns="http://schemas.openxmlformats.org/drawingml/2006/chartDrawinghttp://purl.oclc.org/ooxml/drawingml/chartDrawing"
  targetNamespace="http://schemas.openxmlformats.org/drawingml/2006/chartDrawinghttp://purl.oclc.org/ooxml/drawingml/chartDrawing" elementFormDefault="qualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>

```

346. §A.5.3, “DrawingML - Diagrams”, p. 4620, lines 1–13

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
  targetNamespace="http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram" elementFormDefault="qualified"
  attributeFormDefault="unqualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
    schemaLocation="shared-relationshipReference.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>
  <xsd:import id="s"
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-commonSimpleTypes.xsd"/>

```

347. §A.5.3, “DrawingML - Diagrams”, p. 4621, lines 64–90

[DR 08-0012]

```

<xsd:complexType name="CT_ColorTransform">
  ...
  <xsd:attribute name="minVer" type="xsd:string" use="optional"
    default="http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://pur
    l.oclc.org/ooxml/drawingml/diagram"/>
</xsd:complexType>
<xsd:element name="colorsDef" type="CT_ColorTransform"/>
<xsd:complexType name="CT_ColorTransformHeader">
  ...
  <xsd:attribute name="minVer" type="xsd:string" use="optional"
    default="http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://pur
    l.oclc.org/ooxml/drawingml/diagram"/>
  <xsd:attribute name="resId" type="xsd:int" use="optional" default="0"/>
</xsd:complexType>

```

348. §A.5.3, “DrawingML - Diagrams”, p. 4627, lines 369–400

[DR 08-0012]

```

<xsd:complexType name="CT_DiagramDefinition">
  ...
  <xsd:attribute name="minVer" type="xsd:string" use="optional"
    default="http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://pur
    l.oclc.org/ooxml/drawingml/diagram"/>
  <xsd:attribute name="defStyle" type="xsd:string" use="optional" default=""/>
</xsd:complexType>
<xsd:element name="layoutDef" type="CT_DiagramDefinition"/>
<xsd:complexType name="CT_DiagramDefinitionHeader">
  ...
  <xsd:attribute name="minVer" type="xsd:string" use="optional"
    default="http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://pur
    l.oclc.org/ooxml/drawingml/diagram"/>
  <xsd:attribute name="defStyle" type="xsd:string" use="optional" default=""/>
  <xsd:attribute name="resId" type="xsd:int" use="optional" default="0"/>
</xsd:complexType>

```

349. §A.5.3, “DrawingML - Diagrams”, p. 4628, lines 427–430

[DR 08-0004]

```

<xsd:simpleType name="ST_ModelId">
  <xsd:union memberTypes="xsd:int s:ST_Guid"/>
</xsd:simpleType>
<xsd:simpleType name="ST_PrSetCustVal">

```

```

<xsd:union memberTypes="s:ST_Percentage"/>
</xsd:simpleType>
<xsd:complexType name="CT_ElemPropSet">

```

350. §A.5.3, "DrawingML - Diagrams", pp. 4628–4629, lines 455–463

[DR 08-0004]

```

<xsd:attribute name="custScaleX" type="xsd:intST_PrSetCustVal"
use="optional">
</xsd:attribute>
<xsd:attribute name="custScaleY" type="xsd:intST_PrSetCustVal"
use="optional">
</xsd:attribute>
<xsd:attribute name="custT" type="xsd:boolean" use="optional">
</xsd:attribute>
<xsd:attribute name="custLinFactX" type="xsd:intST_PrSetCustVal"
use="optional">
</xsd:attribute>
<xsd:attribute name="custLinFactY" type="xsd:intST_PrSetCustVal"
use="optional">
</xsd:attribute>
<xsd:attribute name="custLinFactNeighborX" type="xsd:intST_PrSetCustVal"
use="optional">
</xsd:attribute>
<xsd:attribute name="custLinFactNeighborY" type="xsd:intST_PrSetCustVal"
use="optional">
</xsd:attribute>
<xsd:attribute name="custRadScaleRad" type="xsd:intST_PrSetCustVal"
use="optional">
</xsd:attribute>
<xsd:attribute name="custRadScaleInc" type="xsd:intST_PrSetCustVal"
use="optional">
</xsd:attribute>

```

351. §A.5.3, "DrawingML - Diagrams", p. 4631, lines 578–605

[DR 08-0012]

```

<xsd:complexType name="CT_StyleDefinition">
  ...
  <xsd:attribute name="minVer" type="xsd:string" use="optional"
    default="http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.o
    clc.org/ooxml/drawingml/diagram"/>
</xsd:complexType>
<xsd:element name="styleDef" type="CT_StyleDefinition"/>
<xsd:complexType name="CT_StyleDefinitionHeader">
  ...
  <xsd:attribute name="minVer" type="xsd:string" use="optional" default=
    http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/o
    oxml/drawingml/diagram"/>
  <xsd:attribute name="resId" type="xsd:int" use="optional" default="0"/>
</xsd:complexType>

```

352. §A.6.1, “Math”, p. 4641, lines 1-11

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/officeDocument/2006/mathhttp://purl.oclc
  .org/ooxml/officeDocument/math"
  xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math
  http://purl.oclc.org/ooxml/officeDocument/math"
  xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl.
  oclc.org/ooxml/wordprocessingml/main"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://
  purl.oclc.org/ooxml/officeDocument/sharedTypes" elementFormDefault="qualified"
  attributeFormDefault="qualified" blockDefault="#all"
  targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/mathhttp://
  /purl.oclc.org/ooxml/officeDocument/math">
  <xsd:import id="w"
    namespace="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://
    purl.oclc.org/ooxml/wordprocessingml/main" schemaLocation="wml.xsd"/>
  <xsd:import id="s"
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypesht
    tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
    commonSimpleTypes.xsd"/>

```

353. §A.6.2, “Extended Properties”, p. 4652, lines 1-7

[DR 08-0012]

```
<xsd:schema xmlns="http://schemas.openxmlformats.org/officeDocument/2006/extended-propertieshttp://purl.oclc.org/ooxml/officeDocument/extendedProperties"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:vt="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes"
targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/extended-propertieshttp://purl.oclc.org/ooxml/officeDocument/extendedProperties"
elementFormDefault="qualified" blockDefault="#all">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVType
shttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes"
    schemaLocation="shared-documentPropertiesVariantTypes.xsd"/>
```

354. §A.6.3, “Custom Properties”, p. 4653, lines 1–10

[DR 08-0012]

```
<xsd:schema xmlns="http://schemas.openxmlformats.org/officeDocument/2006/custom-propertieshttp://purl.oclc.org/ooxml/officeDocument/customProperties"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:vt="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes"
xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/custom-propertieshttp://purl.oclc.org/ooxml/officeDocument/customProperties"
blockDefault="#all" elementFormDefault="qualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVType
shttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes"
    schemaLocation="shared-documentPropertiesVariantTypes.xsd"/>
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypesht
tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
commonSimpleTypes.xsd"/>
```

355. §A.6.4, “Variant Types”, p. 4654, lines 1–7

[DR 08-0012]

```

<xsd:schema
  xmlns="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://
  /purl.oclc.org/ooxml/officeDocument/docPropsVTypes"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://
  purl.oclc.org/ooxml/officeDocument/sharedTypes"
  targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVT
  ypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes" blockDefault="#all"
  elementFormDefault="qualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypesht
    tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
    commonSimpleTypes.xsd"/>

```

356. §A.6.5, “Custom XML Data Properties”, p. 4658, lines 1-7

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl
  .oclc.org/ooxml/officeDocument/customXml"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://
  purl.oclc.org/ooxml/officeDocument/sharedTypes"
  targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/customXmlh
  tp://purl.oclc.org/ooxml/officeDocument/customXml"
  elementFormDefault="qualified" attributeFormDefault="qualified"
  blockDefault="#all">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypesht
    tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
    commonSimpleTypes.xsd"/>

```

357. §A.6.6, “Bibliography”, p. 4659, lines 1-7

[DR 08-0012]

```

<xsd:schema
  xmlns="http://schemas.openxmlformats.org/officeDocument/2006/bibliographyhttp://p
  url.oclc.org/ooxml/officeDocument/bibliography"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:s="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://
  purl.oclc.org/ooxml/officeDocument/sharedTypes"
  targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/bibliograp
  hyhttp://purl.oclc.org/ooxml/officeDocument/bibliography"
  elementFormDefault="qualified">
  <xsd:import
    namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypesht
    tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
    commonSimpleTypes.xsd"/>

```

358. §A.6.7, “Additional Characteristics”, p. 4661, lines 1–4

[DR 08-0012]

```

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/officeDocument/2006/characteristicshttp:
  //purl.oclc.org/ooxml/officeDocument/characteristics"
  targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/characteri
  sticshttp://purl.oclc.org/ooxml/officeDocument/characteristics"
  elementFormDefault="qualified">

```

359. §A.6.8, “Office Document Relationships”, p. 4662, lines 1–5

[DR 08-0012]

```

<xsd:schema
  xmlns="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://
  purl.oclc.org/ooxml/officeDocument/relationships"
  xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp:
  //purl.oclc.org/ooxml/officeDocument/relationships"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified"
  targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/relationsh
  ipshttp://purl.oclc.org/ooxml/officeDocument/relationships" blockDefault="#all">

```

360. §A.6.9, “Shared Simple Types”, p. 4662, lines 1–4

[DR 08-0012]


```
<xsd:schema
  xmlns="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://pu
  rl.oclc.org/ooxml/officeDocument/sharedTypes"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  targetNamespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedType
  shttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
  elementFormDefault="qualified">
```

361. §A.6.9, “Shared Simple Types”, p. 4662, lines 41–43

[DR 09-0159]

```
<xsd:simpleType name="ST_OnOff">
  <xsd:restriction base="xsd:boolean"/>
  <xs:union memberTypes="xsd:boolean"/>
</xsd:simpleType>
```

362. §A.7, “Custom XML Schema References”, p. 4665, lines 1–4

[DR 08-0012]

```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://schemas.openxmlformats.org/schemaLibrary/2006/mainhttp://purl.oclc.
  org/ooxml/schemaLibrary/main"
  targetNamespace="http://schemas.openxmlformats.org/schemaLibrary/2006/mainhttp://
  purl.oclc.org/ooxml/schemaLibrary/main" attributeFormDefault="qualified"
  elementFormDefault="qualified">
```

363. §B.1, “WordprocessingML”, p. 4667, lines 1–15

[DR 08-0012]

```

namespace m =
"http://schemas.openxmlformats.org/officeDocument/2006/mathhttp://purl.oclc.org/ooxml/officeDocument/math"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace r =
"http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
namespace sl =
"http://schemas.openxmlformats.org/schemaLibrary/2006/mainhttp://purl.oclc.org/ooxml/schemaLibrary/main"
namespace v = "urn:schemas-microsoft-com:vm1"
default namespace w =
"http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl.oclc.org/ooxml/wordprocessingml/main"
namespace w10 = "urn:schemas-microsoft-com:office:word"
namespace wp =
"http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawinghttp://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing"

```

364. §B.1, “WordprocessingML”, p. 4667, line 48

[DR 09-0202]

```

w_ST_TextScale = xsd:integer { minInclusive = "0" maxInclusive = "600" }
w ST TextScalePercent
w ST TextScalePercent =
xsd:string { pattern = "0\*\(600|\(\[0-5\]?\[0-9\]?\[0-9\]\)\)%" }

```

365. §B.1, “WordprocessingML”, p. 4692, lines 1338–1340

[DR 09-0246]

```

w ST MeasurementOrPercent =
w ST DecimalNumberOrPercent | s ST UniversalMeasure
w_CT_TblWidth =
attribute w:w { w_ST_DecimalNumberOrPercentw ST MeasurementOrPercent }?,
attribute w:type { w\_ST\_TblWidth }?

```

366. §B.1, “WordprocessingML”, p. 4696, lines 1538–1541

[DR 09-0008]

```
w_CT_RecipientData =
element active { w_CT_OnOff }?,
element column { w_CT_DecimalNumber },
element uniqueTag { xsd:base64Binaryw_CT_Base64Binary }
w_CT_Base64Binary = attribute w:val { xsd:base64Binary }
```

367. §B.2, “SpreadsheetML”, p. 4712, lines 1–12

[DR 08-0012]

```
namespace o = "urn:schemas-microsoft-com:office:office"
namespace r =
"http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
default namespace sml =
"http://schemas.openxmlformats.org/spreadsheetml/2006/mainhttp://purl.oclc.org/ooxml/spreadsheetml/main"
namespace v = "urn:schemas-microsoft-com:vml"
namespace w10 = "urn:schemas-microsoft-com:office:word"
namespace x = "urn:schemas-microsoft-com:office:excel"
namespace xdr =
"http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawinghttp://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing"
```

368. §B.2, “SpreadsheetML”, p. 4788, lines 4031–4046

[DR 09-0052]

```
sml_CT_Font =
...
| element family { sml_CT_IntPropertysml_CT_FontFamily }?
...
| element scheme { sml_CT_FontScheme }?)+
```

369. §B.2, “SpreadsheetML”, new type

[DR 09-0052]

```
sml CT FontFamily = attribute val { sml ST FontFamily }
sml ST FontFamily =
  xsd:integer { minInclusive = "0" maxInclusive = "14" }
```

370. §B.3, "PresentationML", p. 4806, lines 1-10

[DR 08-0012]

```
default namespace =
  "http://schemas.openxmlformats.org/presentationml/2006/mainhttp://purl.oclc.org/ooxml/presentationml/main"
namespace a =
  "http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace p =
  "http://schemas.openxmlformats.org/presentationml/2006/mainhttp://purl.oclc.org/ooxml/presentationml/main"
namespace r =
  "http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
namespace s =
  "http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
```

371. §B.3, "PresentationML", p. 4815, lines 470-472

[DR 09-0241]

```
p_CT_Extension =
  attribute uri { xsd:token }?,
  p_CT_Extension_any*
```

372. §B.3, "PresentationML", p. 4816, lines 522-527

[DR 09-0244]

```

p_CT_OleObject =
  p_AG_Ole,
  attribute progId { xsd:string }?,
  (element embed { p_CT_OleObjectEmbed }
  | element link { p_CT_OleObjectLink }
  —| element pic { p_CT_Picture }),
  element pic { p CT Picture }

```

373. §B.3, “PresentationML”, p. 4826, lines 1032-1034

[DR 09-0245]

```

p_CT_StringTag =
  attribute name { xsd:string }?,
  attribute val { xsd:string }?

```

374. §B.4.1, “DrawingML - Main”, p. 4831, lines 1-8

[DR 08-0012]

```

default namespace =
  "http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
namespace a =
  "http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace r =
  "http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
namespace s =
  "http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"

```

375. §B.4.1, “DrawingML - Main”, p. 4833, lines 107-109

[DR 09-0237]

```

a_CT_OfficeArtExtension =
  attribute uri { xsd:token }?,
  a_CT_OfficeArtExtension_any*

```

376. §B.4.1, “DrawingML - Main”, p. 4834, line 134

[DR 08-0001]

~~a_ST_PercentageDecimal = xsd:int~~

377. §B.4.1, “DrawingML - Main”, p. 4840, lines 446–448

[DR 09-0239]

a_CT_PresetColor =
 attribute val { a_ST_PresetColorVal }~~?~~,
 a_EG_ColorTransform*

378. §B.4.1, “DrawingML - Main”, p. 4844, lines 673–675

[DR 09-0238]

a_CT_GraphicalObjectData =
 attribute uri { xsd:token }~~?~~,
 a_CT_GraphicalObjectData_any*

379. §B.4.1, “DrawingML - Main”, p. 4856, line 1307

[DR 09-0236]

a_CT_EffectReference = attribute ref { xsd:token }~~?~~

380. §B.4.1, “DrawingML - Main”, p. 4871, lines 2115–2116

[DR 08-0007]

a_ST_TextBulletSize = a_ST_TextBulletSizePercent
 a_ST_TextBulletSizePercent =
~~xsd:int { minInclusive = "25000" maxInclusive = "400000" }~~
xsd:string {
 pattern = "0*((2[5-9])|([3-9][0-9])|([1-3][0-9][0-9])|400)%"
 }

381. §B.4.1, “DrawingML - Main”, p. 4871, lines 2118–2119

[DR 09-0234]

a_CT_TextBulletSizePercent =
 attribute val { a_ST_TextBulletSizePercent }~~?~~

382. §B.4.1, “DrawingML - Main”, p. 4871, line 2120

[DR 09-0235]

```
a_CT_TextBulletSizePoint = attribute val { a_ST_TextFontSize }?
```

383. §B.4.1, “DrawingML - Main”, p. 4872, lines 2150–2158

[DR 09-0240]

```
a_CT_TextFont =
  attribute typeface { a_ST_TextTypeface }?,
  ...
  attribute charset { xsd:byte }?
```

384. §B.4.2, “DrawingML - Picture”, p. 4875, lines 1–5

[DR 08-0012]

```
default namespace =
  "http://schemas.openxmlformats.org/drawingml/2006/picturehttp://purl.oclc.org/ooxml/
  /drawingml/picture"
namespace a =
  "http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/dr
  awingml/main"
namespace dpct =
  "http://schemas.openxmlformats.org/drawingml/2006/picturehttp://purl.oclc.org/ooxml
  /drawingml/picture"
```

385. §B.4.3, “DrawingML - Locked Canvas”, p. 4876, lines 1–8

[DR 08-0012]

```
default namespace =
  "http://schemas.openxmlformats.org/drawingml/2006/lockedCanvashttp://purl.oclc.org/
  ooxml/drawingml/lockedCanvas"
namespace a =
  "http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/dr
  awingml/main"
namespace dlckcnv =
  "http://schemas.openxmlformats.org/drawingml/2006/lockedCanvashttp://purl.oclc.org/
  ooxml/drawingml/lockedCanvas"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace r =
  "http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc
  c.org/ooxml/officeDocument/relationships"
```

386. §B.4.4, “DrawingML - WordprocessingML Drawing”, p. 4876, lines 1–10

[DR 08-0012]

```

default namespace =
"http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawinghttp://purl.
oclc.org/ooxml/drawingml/wordprocessingDrawing"
namespace a =
"http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/dr
awingml/main"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace v = "urn:schemas-microsoft-com:vm1"
namespace w =
"http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl.oclc.org/o
oxml/wordprocessingml/main"
namespace w10 = "urn:schemas-microsoft-com:office:word"
namespace wp =
"http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawinghttp://purl.
oclc.org/ooxml/drawingml/wordprocessingDrawing"

```

387. §B.4.5, "DrawingML - SpreadsheetML Drawing", p. 4878, lines 1-11

[DR 08-0012]

```

default namespace =
"http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawinghttp://purl.oclc
.org/ooxml/drawingml/spreadsheetDrawing"
namespace a =
"http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/dr
awingml/main"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace r =
"http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc
.org/ooxml/officeDocument/relationships"
namespace v = "urn:schemas-microsoft-com:vm1"
namespace w10 = "urn:schemas-microsoft-com:office:word"
namespace x = "urn:schemas-microsoft-com:office:excel"
namespace xdr =
"http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawinghttp://purl.oclc
.org/ooxml/drawingml/spreadsheetDrawing"

```

388. §B.5.1, "DrawingML - Charts", p. 4880, lines 1-12

[DR 08-0012]


```

default namespace =
"http://schemas.openxmlformats.org/drawingml/2006/charthttp://purl.oclc.org/ooxml/drawingml/chart"
namespace a =
"http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
namespace cdr =
"http://schemas.openxmlformats.org/drawingml/2006/chartDrawinghttp://purl.oclc.org/ooxml/drawingml/chartDrawing"
namespace dchart =
"http://schemas.openxmlformats.org/drawingml/2006/charthttp://purl.oclc.org/ooxml/drawingml/chart"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace r =
"http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"

```

389. §B.5.1, "DrawingML - Charts", p. 4882, lines 118-123

[DR 09-0033]

```

dchart_ST_HPercent =
xsd:unsignedShort { minInclusive = "5" maxInclusive = "500" }
  dchart\_ST\_HPercentWithSymbol
dchart\_ST\_HPercentWithSymbol =
  xsd:string {
    pattern = "0\*\(\(\[5-9\]\)|\(\[1-9\]\[0-9\]\)|\(\[1-4\]\[0-9\]\[0-9\]\)|500\)%"
  }
dchart_CT_HPercent =

## default value: 100%
attribute val { dchart\_ST\_HPercent }?

```

390. §B.5.1, "DrawingML - Charts", p. 4883, lines 130-135

[DR 09-0033]

```

dchrt_ST_DepthPercent =
xsd:unsignedShort { minInclusive = "20" maxInclusive = "2000" }
  dchrt ST DepthPercentWithSymbol
dchrt ST DepthPercentWithSymbol =
  xsd:string {
    pattern =
    "0*(([2-9][0-9])|([1-9][0-9][0-9])|(1[0-9][0-9][0-9])|2000)%"
  }
dchrt_CT_DepthPercent =

## default value: 100%
attribute val { dchrt_ST_DepthPercent }?

```

391. §B.5.1, "DrawingML - Charts", p. 4883, lines 150-154

[DR 09-0203]

```

dchrt_CT_Surface =
element thickness { dchrt_CT_UnsignedIntdchrt CT Thickness }?,
element spPr { a_CT_ShapeProperties }?,
element pictureOptions { dchrt_CT_PictureOptions }?,
element extLst { dchrt_CT_ExtensionList }?
dchrt ST Thickness = dchrt ST ThicknessPercent
dchrt ST ThicknessPercent = xsd:string { pattern = "([0-9]+)%" }
dchrt CT Thickness = attribute val { dchrt ST Thickness }

```

392. §B.5.1, "DrawingML - Charts", p. 4883, lines 163-168

[DR 09-0203]

```

dchrt_ST_Perspective =
xsd:unsignedByte { minInclusive = "0" maxInclusive = "240" }
  dchrt ST PerspectivePercent
dchrt ST PerspectivePercent =
  xsd:string {
    pattern =
    "0*(([0-9])|([1-9][0-9])|(1[0-9][0-9])|(2|[0-3][0-9])|240)%"
  }
dchrt_CT_Perspective =

## default value: 30%
attribute val { dchrt_ST_Perspective }?

```

393. §B.5.1, "DrawingML - Charts", p. 4883, lines 163-168

[DR 09-0203]

```

dchrt_ST_GapAmount =
xsd:unsignedShort { minInclusive = "0" maxInclusive = "500" }
  dchrt ST GapAmountPercent
dchrt ST GapAmountPercent =
  xsd:string {
    pattern = "0*(([0-9])|([1-9][0-9])|([1-4][0-9][0-9])|500)%"
  }
dchrt_CT_GapAmount =

## default value: 150%
attribute val { dchrt_ST_GapAmount }?

```

394. §B.5.1, "DrawingML - Charts", p. 4883, lines 192-197

[DR 09-0203]

```

dchrt_ST_HoleSize = xsd:unsignedByte { minInclusive = "10" maxInclusive = "90" }
  dchrt ST HoleSizePercent
dchrt ST HoleSizePercent =
  xsd:string { pattern = "0*([1-9]|([1-8][0-9])|90)%" }
dchrt_CT_HoleSize =

## default value: 10%
attribute val { dchrt_ST_HoleSize }?

```

395. §B.5.1, "DrawingML - Charts", p. 4884, lines 169-174

[DR 09-0203]

```

dchrt_ST_Overlap =
xsd:byte { minInclusive = "-100" maxInclusive = "100" } dchrt ST OverlapPercent
dchrt ST OverlapPercent =
  xsd:string { pattern = "(-?0*(([0-9])|([1-9][0-9])|100))%" }
dchrt_CT_Overlap =

## default value: 0%
attribute val { dchrt_ST_Overlap }?

```

396. §B.5.1, "DrawingML - Charts", p. 4884, lines 175–180

[DR 09-0203]

```

dchrt_ST_BubbleScale =
xsd:unsignedInt { minInclusive = "0" maxInclusive = "300" }
  dchrt ST BubbleScalePercent
dchrt ST BubbleScalePercent =
  xsd:string {
    pattern = "0*(([0-9])|([1-9][0-9])|([1-2][0-9][0-9])|300)%"
  }
dchrt_CT_BubbleScale =

## default value: 100%
attribute val { dchrt_ST_BubbleScale }?
attribute val { dchrt_ST_BubbleScale }?

```

397. §B.5.1, "DrawingML - Charts", pp. 4884, lines 209–214

[DR 09-0203]

```

dchrt_ST_SecondPieSize =
xsd:unsignedShort { minInclusive = "5" maxInclusive = "200" }
  dchrt ST SecondPieSizePercent
dchrt ST SecondPieSizePercent =
  xsd:string { pattern = "0*(([5-9])|([1-9][0-9])|(1[0-9][0-9])|200)%" }
dchrt_CT_SecondPieSize =

## default value: 75%
attribute val { dchrt_ST_SecondPieSize }?

```

398. §B.5.1, "DrawingML - Charts", p. 4894, lines 710–715

[DR 09-0203]

```

dchrt_ST_LblOffset =
xsd:unsignedShort { minInclusive = "0" maxInclusive = "1000" }
  dchrt ST LblOffsetPercent
dchrt ST LblOffsetPercent =
  xsd:string {
    pattern = "0*(([0-9])|([1-9][0-9])|([1-9][0-9][0-9])|1000)%"
  }
dchrt_CT_LblOffset =

## default value: 100%
attribute val { dchrt_ST_LblOffset }?

```

399. §B.5.2, "DrawingML - Chart Drawings", p. 4899, lines 1-5

[DR 08-0012]

```

default namespace =
"http://schemas.openxmlformats.org/drawingml/2006/chartDrawinghttp://purl.oclc.org/
ooxml/drawingml/chartDrawing"
namespace a =
"http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/dr
awingml/main"
namespace cdr =
"http://schemas.openxmlformats.org/drawingml/2006/chartDrawinghttp://purl.oclc.org/
ooxml/drawingml/chartDrawing"

```

400. §B.5.3, "DrawingML - Diagrams", p. 4900, lines 1-10

[DR 08-0012]

```

default namespace =
"http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram"
namespace a =
"http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main"
namespace ddgrm =
"http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace r =
"http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"

```

401. §B.5.3, "DrawingML - Diagrams", p. 4901, lines 44–58

[DR 08-0012]

```

ddgrm_CT_ColorTransform =
  attribute uniqueId { xsd:string }?,

  ## default value:
http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram
  ...
ddgrm_CT_ColorTransformHeader =
  attribute uniqueId { xsd:string },

  ## default value:
http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram

```

402. §B.5.3, "DrawingML - Diagrams", p. 4906, lines 300–318

[DR 08-0012]

```

ddgrm_CT_DiagramDefinition =
  attribute uniqueId { xsd:string }?,

  ## default value:
http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram
  ...
ddgrm_CT_DiagramDefinitionHeader =
  attribute uniqueId { xsd:string },

  ## default value:
http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram

```

403. §B.5.3, “DrawingML - Diagrams”, p. 4907, lines 373–374

[DR 08-0004]

```

ddgrm_ST_ModelId = xsd:int | s_ST_Guid
ddgrm\_ST\_PrSetCustVal = s\_ST\_Percentage
ddgrm_CT_ElemPropSet =

```

404. §B.5.3, “DrawingML - Diagrams”, p. 4908, lines 394–402

[DR 08-0004]

```

attribute custScaleX { xsd:intddgrm\_ST\_PrSetCustVal }?,
attribute custScaleY { xsd:intddgrm\_ST\_PrSetCustVal }?,
attribute custT { xsd:boolean }?,
attribute custLinFactX { xsd:intddgrm\_ST\_PrSetCustVal }?,
attribute custLinFactY { xsd:intddgrm\_ST\_PrSetCustVal }?,
attribute custLinFactNeighborX { xsd:intddgrm\_ST\_PrSetCustVal }?,
attribute custLinFactNeighborY { xsd:intddgrm\_ST\_PrSetCustVal }?,
attribute custRadScaleRad { xsd:intddgrm\_ST\_PrSetCustVal }?,
attribute custRadScaleInc { xsd:intddgrm\_ST\_PrSetCustVal }?,

```

405. §B.5.3, “DrawingML - Diagrams”, p. 4909, lines 475–490

[DR 08-0012]

```

ddgrm_CT_StyleDefinition =
  attribute uniqueId { xsd:string }?,

  ## default value:
http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram
  ...
ddgrm_CT_StyleDefinitionHeader =
  attribute uniqueId { xsd:string },

  ## default value:
http://schemas.openxmlformats.org/drawingml/2006/diagramhttp://purl.oclc.org/ooxml/drawingml/diagram

```

406. §B.6.1, “Math”, p. 4916, lines 1-8

[DR 08-0012]

```

default namespace m =
"http://schemas.openxmlformats.org/officeDocument/2006/mathhttp://purl.oclc.org/ooxml/officeDocument/math"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
namespace v = "urn:schemas-microsoft-com:vml"
namespace w =
"http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl.oclc.org/ooxml/wordprocessingml/main"

```

407. §B.6.2, “Extended Properties”, p. 4921, lines 1-8

[DR 08-0012]


```

default namespace =
  "http://schemas.openxmlformats.org/officeDocument/2006/extended-
propertieshttp://purl.oclc.org/ooxml/officeDocument/extendedProperties "
namespace o = "urn:schemas-microsoft-com:office:office"
namespace shdDcEP =
  "http://schemas.openxmlformats.org/officeDocument/2006/extended-
propertieshttp://purl.oclc.org/ooxml/officeDocument/extendedProperties "
namespace v = "urn:schemas-microsoft-com:vm1"
namespace vt =
  "http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes "

```

408. §B.6.3, “Custom Properties”, p. 4922, lines 1-10

[DR 08-0012]

```

default namespace =
  "http://schemas.openxmlformats.org/officeDocument/2006/custom-
propertieshttp://purl.oclc.org/ooxml/officeDocument/customProperties "
namespace o = "urn:schemas-microsoft-com:office:office"
namespace s =
  "http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes "
namespace shdCstm =
  "http://schemas.openxmlformats.org/officeDocument/2006/custom-
propertieshttp://purl.oclc.org/ooxml/officeDocument/customProperties "
namespace v = "urn:schemas-microsoft-com:vm1"
namespace vt =
  "http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes "

```

409. §B.6.4, “Variant Types”, p. 4923, lines 1-8

[DR 08-0012]

```

default namespace =
"http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
namespace v = "urn:schemas-microsoft-com:vml"
namespace vt =
"http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes"
namespace w10 = "urn:schemas-microsoft-com:office:word"
namespace x = "urn:schemas-microsoft-com:office:excel"

```

410. §B.6.5, “Custom XML Data Properties”, p. 4927, lines 1-5

[DR 08-0012]

```

default namespace ds =
"http://schemas.openxmlformats.org/officeDocument/2006/customXmlhttp://purl.oclc.org/ooxml/officeDocument/customXml"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"

```

411. §B.6.6, “Bibliography”, p. 4927, lines 1-7

[DR 08-0012]

```

default namespace =
"http://schemas.openxmlformats.org/officeDocument/2006/bibliographyhttp://purl.oclc.org/ooxml/officeDocument/bibliography"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.org/ooxml/officeDocument/sharedTypes"
namespace shrdBib =
"http://schemas.openxmlformats.org/officeDocument/2006/bibliographyhttp://purl.oclc.org/ooxml/officeDocument/bibliography"

```

412. §B.6.7, “Additional Characteristics”, p. 4929, lines 1-5

[DR 08-0012]

```
default namespace =
"http://schemas.openxmlformats.org/officeDocument/2006/characteristicshttp://purl.o
clc.org/ooxml/officeDocument/characteristics"
namespace o = "urn:schemas-microsoft-com:office:office"
namespace shrdChr =
"http://schemas.openxmlformats.org/officeDocument/2006/characteristicshttp://purl.o
clc.org/ooxml/officeDocument/characteristics"
```

413. §B.6.8, “Office Document Relationships”, p. 4930, lines 1-3

[DR 08-0012]

```
namespace o = "urn:schemas-microsoft-com:office:office"
namespace r =
"http://schemas.openxmlformats.org/officeDocument/2006/relationshipshttp://purl.oclc
c.org/ooxml/officeDocument/relationships"
```

414. §B.6.9, “Shared Simple Types”, p. 4930, lines 1-3

[DR 08-0012]

```
namespace o = "urn:schemas-microsoft-com:office:office"
namespace s =
"http://schemas.openxmlformats.org/officeDocument/2006/sharedTypeshttp://purl.oclc.
org/ooxml/officeDocument/sharedTypes"
```

415. §B.7, “Custom XML Schema References”, p. 4932, lines 1-3

[DR 08-0012]

```
namespace o = "urn:schemas-microsoft-com:office:office"
default namespace sl =
"http://schemas.openxmlformats.org/schemaLibrary/2006/mainhttp://purl.oclc.org/ooxm
l/schemaLibrary/main"
```

416. §C, “Additional Syntax Constraints”, p. 4935

[DR 08-0012]

Subclause	Constraint
WordprocessingML Headers and Footers	If the relationship type of the relationship specified by this element shall be present, have a TargetMode attribute value of Internal, and a Type attribute value of http://schemas.openxmlformats.org/officeDocument/2006/headerhttp://purl.oclc.org/ooxml/officeDocument/relationships/header .

417. §D, “Namespace Prefix Mapping in Examples”, p. 4935–4936

[DR 08-0012]

This Annex is informative.

Throughout ISO/IEC 29500, XML syntax is provided to illustrate the concepts being documented. These examples leverage XML namespace prefixes, and, typically, for brevity, do not show the actual namespace mappings. This Annex lists the namespace prefix mappings that are used within these examples.

Prefix	Namespace
a	http://schemas.openxmlformats.org/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main
b	http://schemas.openxmlformats.org/officeDocument/2006/bibliography http://purl.oclc.org/ooxml/officeDocument/bibliography
cp	http://schemas.openxmlformats.org/package/2006/metadata/core-properties
cdr	http://schemas.openxmlformats.org/drawingml/2006/chartDrawing http://purl.oclc.org/ooxml/drawingml/chartDrawing
dc	http://purl.org/dc/elements/1.1/
dcmitype	http://purl.org/dc/dcmitype/
dcterms	http://purl.org/dc/terms/
ds	http://schemas.openxmlformats.org/officeDocument/2006/customXml http://purl.oclc.org/ooxml/officeDocument/customXml
m	http://schemas.openxmlformats.org/officeDocument/2006/math http://purl.oclc.org/ooxml/officeDocument/math
o	urn:schemas-microsoft-com:office:office
p	http://schemas.openxmlformats.org/presentationml/2006/main http://purl.oclc.org/ooxml/presentationml/main
pic	http://schemas.openxmlformats.org/drawingml/2006/picture http://purl.oclc.org/ooxml/drawingml/picture
pvm1	urn:schemas-microsoft-com:office:powerpoint
r	http://schemas.openxmlformats.org/officeDocument/2006/relationships http://purl.oclc.org/ooxml/officeDocument/relationships
s1	http://schemas.openxmlformats.org/schemaLibrary/2006/main http://purl.oclc.org/ooxml/schemaLibrary/main
v	urn:schemas-microsoft-com:vml
ve	http://schemas.openxmlformats.org/markup-compatibility/2006
vt	http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypes http://purl.oclc.org/ooxml/officeDocument/docPropsVTypes

Prefix	Namespace
w	http://schemas.openxmlformats.org/wordprocessingml/2006/main http://purl.oclc.org/ooxml/wordprocessingml/main
w10	urn:schemas-microsoft-com:office:word
wp	http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawing http://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing
x	urn:schemas-microsoft-com:office:excel
xdr	http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawing http://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing
xsd	http://www.w3.org/2001/XMLSchema
xsi	http://www.w3.org/2001/XMLSchema-instance

If no namespace prefix is specified, it should be assumed that that element or attribute is contained within the namespace defined by the parent subclause. For example, unprefixed elements in §Error! Reference source not found. are contained in the <http://schemas.openxmlformats.org/spreadsheetml/2006/main>
<http://purl.oclc.org/ooxml/spreadsheetml/main> namespace.

End informative Annex.

418. §E.1, “Handling raw bitfields”, p. 4937

[DR 08-0012]

```
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl
.oclc.org/ooxml/wordprocessingml/main">
...
</xsl:stylesheet>
```

419. §E.2, “Handling hexadecimal-encoded bitfields”, p. 4938

[DR 08-0012]

```
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl
.oclc.org/ooxml/wordprocessingml/main">
...
</xsl:stylesheet>
```

420. §F, “WordprocessingML Custom XML Data Extraction”, p. 4940

[DR 08-0012]

```
<?xml version="1.0" encoding="UTF-8" ?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/mainhttp://purl
.oclc.org/ooxml/wordprocessingml/main">
...
</xsl:stylesheet>
```

421. §K.4.1, “Understanding the Type of a Document”, p. 5038

[DR 08-0012]

The first step is getting the content type is to identify the target part of the ‘officedocument’ relationship. To so this, one needs to start in the _rels\rels file and identify the relationship of type <http://schemas.openxmlformats.org/officeDocument/2006/relationships/officeDocumenthttp://purl.oclc.org/ooxml/officeDocument/relationships/officeDocument>:

```
<Relationships
xmlns="http://schemas.openxmlformats.org/package/2006/relationships">
  <Relationship Id="rId3"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/extended-
propertieshttp://purl.oclc.org/ooxml/officeDocument/relationships/extendedProper
ties"
...
  <Relationship Id="rId1"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/office
Documenthttp://purl.oclc.org/ooxml/officeDocument/relationships/officeDocument"
  Target="word/document.xml"/>
</Relationships>
```

422. §K.4.2, “Understanding the Function of a Document”, p. 5039–5040

[DR 08-0012]

```
<Properties xmlns =
  "http://schemas.openxmlformats.org/officeDocument/2006/extended-
propertieshttp://purl.oclc.org/ooxml/officeDocument/extendedProperties"
  xmlns:vt =
  "http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl
.oclc.org/ooxml/officeDocument/docPropsVTypes">
...
</Properties>
```

...

```
<Properties xmlns="http://schemas.openxmlformats.org/officeDocument/2006/custom-propertieshttp://purl.oclc.org/ooxml/officeDocument/customProperties"
xmlns:vt="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes">
...
</Properties>
```

423. §K.4.3, “Understanding the Length of a Document”, pp. 5040–5041

[DR 08-0012]

```
<Properties
xmlns="http://schemas.openxmlformats.org/officeDocument/2006/extended-propertieshttp://purl.oclc.org/ooxml/officeDocument/extendedProperties"
xmlns:vt="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes">
...
</Properties>
```

...

```
<Properties
xmlns="http://schemas.openxmlformats.org/officeDocument/2006/extended-propertieshttp://purl.oclc.org/ooxml/officeDocument/extendedProperties"
xmlns:vt="http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypeshttp://purl.oclc.org/ooxml/officeDocument/docPropsVTypes">
...
</Properties>
```

424. §K.5.7, “Creating Image Map-Like Functionality”, p. 5061

[DR 08-0012]

```
<Relationships
xmlns="http://schemas.openxmlformats.org/package/2006/relationships">
  <Relationship Id="rId3"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlinkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink"
Target="http://url2/" TargetMode="External"/>
```

```

    <Relationship Id="rId2"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/imageh
http://purl.oclc.org/ooxml/officeDocument/relationships/image"
Target="../media/image1.jpeg"/>
    <Relationship Id="rId1"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/slidel
ayouthttp://purl.oclc.org/ooxml/officeDocument/relationships/slideLayout"
Target="../slideLayouts/slideLayout7.xml"/>
    <Relationship Id="rId4"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperl
inkhttp://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink"
Target="http://url1/" TargetMode="External"/>
</Relationships>

```

425. §M.1.6.1, “Smart Tags”, p. 5088

[DR 08-0012]

```

<w:p w:rsidR="00672474" w:rsidRDefault="00672474">
  <w:r>
    <w:t xml:space="preserve">This is a stock symbol: </w:t>
  </w:r>
  <w:smartTag
w:uri="http://schemas.openxmlformats.org/2006/smarttagshttp://purl.oclc.org/ooxm
l/officeDocument/smartTags"
  w:element="stockticker">
    <w:r>
      <w:t>MSFT</w:t>
    </w:r>
  </w:smartTag>
</w:p>

```

...

The first of these is the namespace for this smart tag (contained in the uri attribute). This allows the smart tag to specify a URI which should be round-tripped with this smart tag and be available to a consumer. It is intended to be used to specify a family of smart tags to which this one belongs – for example, in the sample above, the smart tag belongs to the

<http://schemas.openxmlformats.org/2006/smarttagshttp://purl.oclc.org/ooxml/officeDocument/smartTags> namespace.

...


```

<w:smartTag
w:uri="http://schemas.openxmlformats.org/2006/smarttagshttp://purl.oclc.org/ooxml/officeDocument/smartTags"
  w:element="stockticker">
  <w:smartTagPr>
    <w:attr w:name="fullCompanyName" w:val="Microsoft Corporation"/>
  </w:smartTagPr>
  <w:r>
    <w:t>MSFT</w:t>
  </w:r>
</w:smartTag>

```

426. §M.1.8.1, “Styles Part”, p. 5096

[DR 08-0012]

Style information in a WordprocessingML document is stored in the Styles part within the package, which is stored via an implicit relationship from the Main Document or Glossary Document part of relationship type <http://schemas.openxmlformats.org/wordprocessingml/2006/styleshttp://purl.oclc.org/ooxml/officeDocument/relationships/styles> and has a content type of vnd-openxmlformats.officedocument.wordprocessingml-styles+xml.

427. §M.1.9.4, “Font Table”, p. 5112

[DR 08-0012]

The font table part is stored via an implicit relationship from either the main document part or the glossary document part, and has a relationship type of <http://schemas.openxmlformats.org/wordprocessingml/2006/fontTablehttp://purl.oclc.org/ooxml/officeDocument/relationships/fontTable>, and a content type of vnd-openxmlformats.officedocument.wordprocessingml-fontTable+xml.

428. §M.1.10.1, “Numbering Part”, pp. 5113–5114

[DR 08-0012]

Numbering information in a WordprocessingML document is stored in the Numbering part within the package, which is stored via an implicit relationship from the Main Document part or Glossary Document part of relationship type <http://schemas.openxmlformats.org/wordprocessingml/2006/numberinghttp://purl.oclc.org/ooxml/officeDocument/relationships/numbering> and has a content type of vnd-openxmlformats.officedocument.wordprocessingml-numbering+xml.

429. §M.1.11.1, “Header Part”, p. 5127

[DR 08-0012]

Header information in a WordprocessingML document is stored in a header part within the package, which is stored via an implicit relationship from the Main Document part or the Glossary Document part of relationship type

<http://schemas.openxmlformats.org/wordprocessingml/2006/header><http://purl.oclc.org/ooxml/officeDocument/relationships/header> and has a content type of vnd-openxmlformats.officedocument.wordprocessingml-header+xml.

430. §M.1.11.2, “Footer Part”, p. 5127

[DR 08-0012]

Footer information in a WordprocessingML document is stored in a footer part within the package, which is stored via an implicit relationship from the Main Document part or the Glossary Document part of relationship type

<http://schemas.openxmlformats.org/wordprocessingml/2006/footer><http://purl.oclc.org/ooxml/officeDocument/relationships/footer> and has a content type of vnd-openxmlformats.officedocument.wordprocessingml-footer+xml.

431. §M.1.12.1, “Footnote Part”, p. 5133

[DR 08-0012]

Footnote information in a WordprocessingML document is stored in the footnotes part within the package, which is stored via an implicit relationship from the Main Document part or Glossary Document part of relationship type

<http://schemas.openxmlformats.org/wordprocessingml/2006/footnotes><http://purl.oclc.org/ooxml/officeDocument/relationships/footnotes> and has a content type of vnd-openxmlformats.officedocument.wordprocessingml-footnotes+xml.

432. §M.1.12.2, “Endnote Part”, p. 5133

[DR 08-0012]

Endnote information in a WordprocessingML document is stored in the Endnotes part within the package, which is stored via an implicit relationship from the Main Document part or Glossary Document part of relationship type

<http://schemas.openxmlformats.org/wordprocessingml/2006/endnotes><http://purl.oclc.org/ooxml/officeDocument/relationships/endnotes> and has a content type of vnd-openxmlformats.officedocument.wordprocessingml-endnotes+xml.

433. §M.2.13.5, “Supporting Workbook Cache (Cell C2)”, p. 5280

[DR 08-0012]

```

<externalLink ...>
  <externalBook xmlns:r="http://schemas.openxmlformats.org
/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/rela
tionships" r:id="rId1">
  ...
</externalLink>

```

434. §M.2.15.4.3, “The Table XML”, p. 5292

[DR 08-0012]

```

<table
xmlns="http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oc
lc.org/ooxml/spreadsheetml/main" id="7" name="Table7" displayName="Table7"
ref="B8:G12" tableType="xml" totalsRowShown="0" connectionId="1">
  ...
</table>

```

435. §M.2.15.4.4, “Single Cell XML”, p. 5292

[DR 08-0012]

```

<singleXmlCells
xmlns="http://schemas.openxmlformats.org/spreadsheetml/2006/5/mainhttp://purl.oc
lc.org/ooxml/spreadsheetml/main">
  ...
</singleXmlCells>

```

436. §M.6.2.3, “Extended Properties”, p. 5531

[DR 08-0012]

Extended properties are a predefined set of metadata properties that are specifically applicable to Office Open XML documents. Extended properties consist of 24 simple properties and 3 complex properties stored in the part targeted by the relationship of type:

<http://schemas.openxmlformats.org/officeDocument/2006/relationships/extended-properties><http://purl.oclc.org/ooxml/officeDocument/relationships/extendedProperties>.

437. §M.6.2.4, “Custom Properties”, p. 5531

[DR 08-0012]

Custom properties allow users to extend pre-defined metadata properties with user-defined properties. Custom properties are stored in the part targeted by the relationship of type:

<http://schemas.openxmlformats.org/officeDocument/2006/relationships/custom-properties><http://purl.oclc.org/ooxml/officeDocument/relationships/customProperties>. Each property is represented as a property XML element and uniquely identified through the name, fmid, and pid attributes. All custom properties are considered complex properties. The datatype and value of custom properties are specified by its child variant type XML elements.

438. §M.6.3, “Custom XML Data”, p. 5532

[DR 08-0012]

Within an Office Open XML document, it is sometimes desirable or necessary to store custom XML data (that is, data in a format not defined by this Office Open XML specification) within the contents of the package. To accommodate this need, Office Open XML allows the storage of any arbitrary XML within a package as the target of the

<http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml><http://purl.oclc.org/ooxml/officeDocument/relationships/customXml> relationship (source parts are listed within Part 1).

439. §M.7.2.1, “Embedded Packages”, p. 5539

[DR 08-0012]

Whenever an Office Open XML document is stored as an embedded object, the embedding must be referred to as an embedded package. Embedded packages must be the target of the Embedded Package relationship defined in Part 1:

<http://schemas.openxmlformats.org/officeDocument/2006/relationships/package><http://purl.oclc.org/ooxml/officeDocument/relationships/package>. this Office Open XML specification

440. §M.7.2.2, “Embedded Objects”, p. 5540

[DR 08-0012]

For all other embeddings, the embedded object is stored in an arbitrary format defined by the application whose data is being embedded. These generic embedded objects must be the target of the Embedded Object relationship:

<http://schemas.openxmlformats.org/officeDocument/2006/relationships/oleObject><http://purl.oclc.org/ooxml/officeDocument/relationships/oleObject>. When parsing the data stored in an embedded object part, an application must use the associated ProgID (whose location is described in the following subclauses) for the object.

441. §M.7.2.5, “Embeddings in a PresentationML Document”, p. 5543

[DR 08-0012]

When an embedding is present in a PresentationML document, it must be stored as follows:

- ...
- The graphicData element for the frame must have the appropriate URI for its contents: <http://schemas.openxmlformats.org/presentationml/2006/ole><http://purl.oclc.org/ooxml/officeDocument/oleObject>. Its child element must be the PresentationML oleObj element, which stores an explicit relationship to the associated Embedded Package or Embedded Object part, the ProgID for that embedded object, and (optionally) the shape ID for the associated shape.

...

For example, if we embed the Equation.3 object in a PresentationML document, the following markup would be stored in the shape tree of the appropriate Slide part:

```
<p:graphicFrame>
  ...
  <a:graphic>
    <a:graphicData
      uri="http://schemas.openxmlformats.org/presentationml/2006/ole
http://purl.oclc.org/ooxml/officeDocument/oleObject">
      <p:oleObj spid="10" name="Equation" r:id="rId3"
        imgW="320" imgH="272" progId="Equation.3">
        <p:embed />
        <p:pic>
          ...
        </p:pic>
      </p:oleObj>
    </a:graphicData>
  </a:graphic>
</p:graphicFrame>
```

If we examine this markup, it can be seen that:

- The uri attribute on the graphicData element is <http://schemas.openxmlformats.org/presentationml/2006/ole><http://purl.oclc.org/ooxml/officeDocument/oleObject>, which dictates that this is an embedded object