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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

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Foreword

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The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75% of the national bodies casting a vote.

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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*.

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

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. Unchanged content that is not necessary to establish the correct context of a change is represented by an ellipsis (…).

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.}*

Two documents modify the base standard ISO/IEC 29500-1:2008. They are ISO/IEC 29500-1:2008/Cor.1:2010 and this amendment, ISO/IEC 29500-1:2008/Amd.1:2010, which were published in that order. Both of these documents show changes relative to the base standard. Specifically, the amendment does not reflect changes made by the corrigendum.

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Part 1:
Fundamentals and Markup Language Reference

AMENDMENT 1

1. §2.6.1, "Base Application Description", p. 5

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

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

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

3. §11.2, "Package Structure", p. 30

```
<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

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

5. §11.3.2, "Comments Part", p. 34

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

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

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

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

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

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

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

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

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

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

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

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

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

18. §11.5, "Framesets", p. 58

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

19. §11.6, "Master Documents and Subdocuments", p. 59

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

20. §11.7, "Mail Merge Data Source", p. 61

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

21. §11.8, "Mail Merge Header Data Source", p. 61

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

22. §11.9, "XSL Transformation", p. 62

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

```
<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

Part	Relationship Target of	Root Element	Ref.
Custom XML Mappings	Workbook	mapInfoMapInfo	§12.3.6
Dialogsheet	Workbook	dialogSheetdialogsheet	§12.3.7

Part	Relationship Target of	Root Element	Ref.
External Workbook References	Workbook	~~externalReference~~externalLink	§12.3.9
Single Cell Table Definitions	Dialogsheet, Worksheet	~~singleCells~~singleXmlCells	§12.3.19

25. §12.3.1, "Calculation Chain Part", p. 68

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

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

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

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

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

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. §12.3.6, "Custom XML Mappings Part", p. 74

The root element for a part of this content type shall be mapInfoMapInfo.

32. §12.3.7, "Dialogsheet Part", p. 75

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

33. §12.3.8, "Drawings Part", p. 77

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

34. §12.3.9, "External Workbook References Part", p. 78

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

35. §12.3.10, "Metadata part", pp. 80–81

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

36. §12.3.11, "Pivot Table Part", p. 83

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 |

37. §12.3.12, "Pivot Table Cache Definition Part", p. 84

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

38. §12.3.13, "Pivot Table Cache Records Part", p. 86

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

39. §12.3.14, "Query Table Part", p. 87

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

40. §12.3.15, "Shared Strings Table Part", p. 88

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

41. §12.3.16, "Shared Workbook Revision Headers Part", p. 89

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

42. §12.3.17, "Shared Workbook Revision Log Part", p. 90

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

43. §12.3.18, "Shared Workbook User Data Part", pp. 91–92

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

44. §12.3.19, "Single Cell Table Definition Part", p. 92–93

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

The root element for a part of this content type shall be singleCells singleXmlCells.

```
<singleCells singleXmlCells …>
    …
</singleCells singleXmlCells>
```

45. §12.3.20, "Styles Part", p. 94

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/mains 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

46. §12.3.21, "Table Definition Part", p. 95

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

47. §12.3.22, "Volatile Dependencies Part", p. 96

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

48. §12.3.23, "Workbook Part", p. 97

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

49. §12.3.24, "Worksheet Part", p. 99

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

50. §12.4, "External Workbooks", p. 101

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

51. §13.2, "Package Structure", p. 104

```
<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>
```

52. §13.3.1, "Comment Authors Part", p. 107

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

53. §13.3.2, "Comments Part", p. 108

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

54. §13.3.3, "Handout Master Part", p. 109

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

55. §13.3.4, "Notes Master Part", p. 111

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

56. §13.3.5, "Notes Slide Part", p. 112

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

57. §13.3.6, "Presentation Part", pp. 113–114

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

58. §13.3.7, "Presentation Properties Part", p. 115

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

59. §13.3.8, "Slide Part", p. 116

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

60. §13.3.9, "Slide Layout Part", p. 118

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

61. §13.3.10, "Slide Master Part", p. 120

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

62. §13.3.11, "Slide Synchronization Data Part", p. 121

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

63. §13.3.12, "User Defined Tags Part", p. 122

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

64. §13.3.31, "View Properties Part", p. 123

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

65. §13.4, "HTML Publish Location", p. 124

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

66. §13.5, "Slide Synchronization Server Location", p. 125

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

67. §14.2.1, "Chart Part", p. 128

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

68. §14.2.2, "Chart Drawing Part", p. 130

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

69. §14.2.3, "Diagram Colors Part", p. 131

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

70. §14.2.4, "Diagram Data Part", p. 132

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

71. §14.2.5, "Diagram Layout Definition Part", pp. 133–134

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

72. §14.2.6, "Diagram Style Part", p. 135

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

73. §14.2.7, "Theme Part", p. 136

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

74. §14.2.8, "Theme Override Part", p. 138

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

75. §14.2.9, "Table Styles Part", p. 139

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

76. §15.2.2, "Audio Part", p. 144

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

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

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

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

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

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

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

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

84. §15.2.11, "Embedded Package Part", p. 154

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

85. §15.2.12.2, "Custom File Properties Part", p. 156

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

86. §15.2.12.3, "Extended File Properties Part", p. 158

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

87. §15.2.13, "Font Part", p. 160

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

88. §15.2.14, "Image Part", p. 160

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

89. §15.2.15, "Printer Settings Part", p. 161

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

90. §15.2.16, "Thumbnail Part", p. 163

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

91. §15.2.17, "Video Part", p. 164

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

92. §15.3, "Hyperlinks Part", p. 164

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

93. §16.2, "SpreadsheetML Summary", p. 167

Part	Root Element	Ref.
Custom XML Mappings	~~mapInfo~~MapInfo	§18.16.3
Dialogsheet	~~dialogSheet~~dialogsheet	§18.3.1.34
Single Cell Table Definitions	~~singleCells~~singleXmlCells	§18.5.2.2

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

[*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)	…
	 [*Example*: …
	
	 `<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*]
	 …

95. §17.3.3.2, "contentPart (ContentPart)", p. 346

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

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

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

Attributes	Description
id (Relationship to Part) Namespace: …/officeDocument/2006/relationshipshttp://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: • 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 …

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

Attributes	Description
id (Embedded Control Properties Relationship Reference) Namespace: …/officeDocument/2006/relationships 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 conisdered non-conformant. …

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

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

Attributes	Description
id (Relationship to Part) Namespace: ~~…/officeDocument /2006/relationshi ps~~ 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: • ~~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 …

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

Attributes	Description
id (Relationship to Embedded Object Data) Namespace: ~~…/officeDocument/2006/relationships~~ 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. …

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

Attributes	Description
id (Relationship to Embedded Object Data) Namespace: ~~…/officeDocument/2006/relationships~~ 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

Attributes	Description
w (Table Width Value)	… The possible values for this attribute are defined by the ~~ST_DecimalNumberOrPercent~~ ST_MeasurementOrPercent simple type (§17.18.~~11~~107).

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

Attributes	Description
bottomLeft (Custom Defined Bottom Left Border Relationship Reference) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	… 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. …
bottomRight (Custom Defined Bottom Right Border Relationship Reference) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	… 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. …
id (Custom Defined Border Relationship Reference) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	… 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. …

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

Attributes	Description
id (Custom Defined Border Relationship Reference) Namespace: ~~…/officeDocument /2006/relationshi ps~~ http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	… 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. …

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

Attributes	Description
id (Relationship to Part) Namespace: ~~…/officeDocument /2006/relationshi ps~~ http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: • ~~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/fo oter~~ http://purl.oclc.org/ooxml/officeDocument/relationships/footer for the footerReference element • ~~http://schemas.openxmlformats.org/officeDocument/2006/relationships/he ader~~ http://purl.oclc.org/ooxml/officeDocument/relationships/header for the headerReference element • ~~http://schemas.openxmlformats.org/officeDocument/2006/relationships/fo nt~~http://purl.oclc.org/ooxml/officeDocument/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • ~~http://schemas.openxmlformats.org/officeDocument/2006/relationships/pr interSettings~~http://purl.oclc.org/ooxml/officeDocument/relationships/printerSe ttings for the printerSettings element • ~~http://schemas.openxmlformats.org/officeDocument/2006/relationships/h yperlink~~ http://purl.oclc.org/ooxml/officeDocument/relationships/hyperlink for the longDesc or hyperlink element …

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

Attributes	Description
id (Custom Defined Border Relationship Reference) Namespace: …/officeDocument/2006/relationships 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/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant. …

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

Attributes	Description
id (Custom Defined Border Relationship Reference) Namespace: …/officeDocument/2006/relationships 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/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant. …
topLeft (Custom Defined Top Left Border Relationship Reference) Namespace: …/officeDocument/2006/relationships 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/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant. …

Attributes	Description
topRight (Custom Defined Top Right Border Relationship Reference) Namespace: …/officeDocument/2006/relationshi 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/imagehttp://purl.oclc.org/ooxml/officeDocument/relationships/image or the document shall be considered non-conformant. …

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

Attributes	Description
id (Relationship to Part) Namespace: …/officeDocument/2006/relationshi ps 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: • 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 …

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

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: • 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 …

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

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: • 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/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 …

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

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: ~~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 …

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

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

Attributes	Description
id (Relationship to Part) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: • 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

If the relationship type of the relationship specified by this element is not
http://schemas.openxmlformats.org/officeDocument/2006/headerhttp://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

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: • 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

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/mailMergeSourcehttp://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

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: • 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 …

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

```
<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

Attributes	Description
id (Relationship to Part) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	Specifies the relationship ID to a specified part. The specified relationship shall match the relationship type required by the parent element: • 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 …

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

If the relationship type of the relationship specified by this element is not http://schemas.openxmlformats.org/officeDocument/2006/mailMergeRecipientDatahttp://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/mailMe
rgeRecipientDatahttp://purl.oclc.org/ooxml/officeDocument/relationships/mailMerg
eRecipientData" Target="recipientData.xml" />
  …
</Relationships>
```

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

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: • 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. 1083

```
<Relationships>
  <Relationship Id="rId1"
Type="~~http://schemas.openxmlformats.org/officeDocument/2006/relationships/mailMergeSource~~http://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

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: • ~~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 …

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

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

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: • ~~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 …

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

Attributes	Description
id (XSL Transformation Location) Namespace: ~~…/officeDocument /2006/relationships~~ 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

```
<Relationships … >
  …
  <Relationship Id="rIdMenuBar" TargetMode="External"
Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperl
ink http://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

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: • 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 …

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

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

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: • ~~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 …

132. §17.16.22, "hyperlink (Hyperlink)", p. 1426, attribute id

Attributes	Description
id (Hyperlink Target) Namespace: http://purl.oclc.org/ooxml/officeDocument/relationships ~~…/officeDocument/2006/relationships~~	…

133. §17.17.1.1, "subDoc (Anchor for Subdocument Location)", pp. 1444–1445

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/office

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

134. §17.17.1.1, "subDoc (Anchor for Subdocument Location)", p. 1446, attribute id

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: • 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 …

135. §17.17.2.1, "altChunk (Anchor for Imported External Content)", pp. 1447–1448

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/afChunkhttp://purl.oclc.org/ooxml/officeDocument/relationships/aFChunk" Target="import.htm" />
  …
</Relationships>
```

136. §17.17.2.1, "altChunk (Anchor for Imported External Content)", p. 1449, attribute id

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

137. §17.18, "Simple Types", p. 1453

This is the complete list of simple types dedicated to WordprocessingML. ~~in the http://schemas.openxmlformats.org/wordprocessingml/2006/main namespace.~~

138. §17.18.95, "ST_TextScale (Text Expansion/Compression Percentage)", p. 1668

[*Example*: …

Consider a run of text which must be compressed ~~to 200%~~by half 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 (§A.1).

~~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.~~

139. §17.18.106, "ST_TextScalePercent (Text Expansion/Compression Percentage), new subclause

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 that must be compressed by half 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 §A.1. *end note*]

140. §17.18.107, "ST_MeasurementOrPercent (Measurement or Percentage Value)", new subclause

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 §A.1. *end note*]

141. §18.2.7, "ext (Extension)", p. 1721

[*Example*: …

```
<extLst>
  <ext
uri='http://schemas.openxmlformats.org/spreadsheetml/versionTwoExtensionhttp://p
url.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]

142. §18.2.8, "externalReference (External Reference)", p. 1722, attribute id

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

143. §18.2.17, "pivotCache (PivotCache)", p. 1731, attribute id

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

144. §18.2.19, "sheet (Sheet Information)", p. 1732, attribute id

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

145. §18.2.27, "workbook (Workbook)", p. 1739

[*Example*:

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

end example]

146. §18.3.1.19, "control (Embedded Control)", p. 1776, attribute id

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

147. §18.3.1.20, "controlPr (Embedded Control Properties)", p. 1779, attribute id

Attributes	Description
id (Relationship ID for Embedded Control Properties) Namespace: …/officeDocument/2006/relationships 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 http://purl.oclc.org/ooxml/officeDocument/relationships/control or the document shall be conisdered non-conformant. …

148. §18.3.1.22, "customPr (Custom Property)", p. 1782, attribute id

Attributes	Description
id (Relationship Id) Namespace: ~~…/officeDocument /2006/relationshi ps~~ http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

149. §18.3.1.30, "dataRef (Data Consolidation Reference)", p. 1790, attribute id

Attributes	Description
id (relationship Id) Namespace: ~~…/officeDocument /2006/relationshi ps~~ http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

150. §18.3.1.36, "drawing (Drawing)", p. 1796, attribute id

Attributes	Description
id (Relationship id) Namespace: ~~…/officeDocument /2006/relationshi ps~~ http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

151. §18.3.1.37, "drawingHF (Drawing Reference in Header Footer)", pp. 1798–1799, attribute id

Attributes	Description
id (Relationship ID for Embedded Control Properties) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

152. §18.3.1.47, "hyperlink (Hyperlink)", p. 1812, attribute id

Attributes	Description
id (Relationship Id) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

153. §18.3.1.56, "objectPr (Embedded Object Properties)", p. 1821, attribute id

Attributes	Description
id (Relationship ID to Embedded Object Data) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi 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. …

154. §18.3.1.59, "oleObject (Embedded Object)", p. 1824, attribute id

Attributes	Description
id (Relationship Id) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

155. §18.3.1.63, "pageSetup (Page Setup Settings)", p. 1829, attribute id

Attributes	Description
id (Id) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

156. §18.3.1.64, "pageSetup (Chart Sheet Page Setup)", p. 1832, attribute id

Attributes	Description
id (Id) Namespace: ~~.../officeDocument /2006/relationshi ps~~ http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

157. §18.3.1.67, "picture (Background Image)", p. 1837, attribute id

Attributes	Description
id (Relationship Id) Namespace: ~~.../officeDocument /2006/relationshi ps~~ http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

158. §18.3.1.69, "pivotSelection (PivotTable Selection)", p. 1841, attribute id

Attributes	Description
id (Relationship Id) Namespace: ~~.../officeDocument /2006/relationshi ps~~ http://purl.oclc.or g/ooxml/officeDoc ument/relationshi ps	…

159. §18.3.1.94, "tablePart (Table Part)", p. 1882, attribute id

Attributes	Description
id (Relationship Id) Namespace: ~~…/officeDocument /2006/relationships~~ <u>http://purl.oclc.org/ooxml/officeDocument/relationships</u>	…

160. §18.4, "Shared String Table", pp. 1896–1897

[*Example*:

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

…

[*Example*:

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

161. §18.4.1, "charset (Character Set)", p. 1898

INT Value	Character Set
…	…
~~129~~	~~HANGEUL_CHARSET~~
129	HANGUL_CHARSET
…	…

162. §18.5, "Tables", p. 1907

[*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>
```

163. §18.6, "Calculation Chain", pp. 1925–1926

[*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]

164. §18.8.18, "family (Font Family)", p. 1952

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
0	Not applicable.
1	Roman

Value	Font Family
2	Swiss
3	Modern
4	Script
5	Decorative

Attributes	Description
val (Value)	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.
	The possible values for this attribute are defined by the ST_FontFamily simple type (§18.18.94)W3C XML Schema int datatype.

[*Note*: The W3C XML Schema definition of this element's content model (CT_IntPropertyCT_FontFamily) is located in §A.2. *end note*]

165. §18.9, "Metadata", p. 1994

[*Example*: The CUBEMEMBER() function …

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

166. §18.10.1.67, "pivotCacheDefinition (PivotCache Definition)", p. 2095, attribute id

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

167. §18.10.1.79, "rangeSet (Range Set)", p. 2154, attribute id

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

168. §18.10.1.95, "worksheetSource (Worksheet PivotCache Source)", p. 2170, attribute id

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

169. §18.11.1.1, "header (Header)", p. 2180, attribute id

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

170. §18.14.7, "externalBook (External Workbook)", p. 2248, attribute id

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

171. §18.14.11, "oleLink (Generic Object Link Connection)", p. 2251, attribute id

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

172. §18.17.2.3, "Cell References", pp. 2282–2284

- 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/externalLink http://purl.oclc.org/ooxml/officeDocument/relationships/externalLink"
Target="externalLinks/externalLink1.xml"/>
```

…

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

…

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

… *end example*]

173. §18.17.5.2, "Precision", p. 2296

The *value space* consists of the values $(-1)^s$ × m × 2^n, where s is 0 or 1, ~~where~~ m is an integer greater than or equal to 0 and ~~whose absolute value is~~ less than 2^{53}, and n is an integer between -107~~5~~ and 971~~0~~, inclusive.

174. §18.17.7.204, "MATCH", p. 2510

However, if

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

175. §18.18, "Simple Types", p. 2664

This is the complete list of simple types dedicated to SpreadsheetML. ~~in the http://schemas.openxmlformats.org/spreadsheetml/2006/main namespace.~~

176. §18.18.94, "ST_FontFamily (Font Family)", new subclause

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:

Value	Font Family
0	Not applicable.
1	Roman
2	Swiss
3	Modern
4	Script
5	Decorative
6	Reserved for future use
7	Reserved for future use
8	Reserved for future use
9	Reserved for future use
10	Reserved for future use
11	Reserved for future use
12	Reserved for future use
13	Reserved for future use
14	Reserved for future use

Referenced By
fontFamily@val (§18.8.18)

[*Note*: The W3C XML Schema definition of this simple type's content model (ST_FontFamily) is located in §A.2. *end note*]

177. §19.2.1.1, "bold (Bold Embedded Font)", p. 2760, attribute id

Attributes	Description
id (Relationship Identifier) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc. org/ooxml/officeD ocument/relations hips	…

178. §19.2.1.2, "boldItalic (Bold Italic Embedded Font)", pp. 2760–2761, attribute id

Attributes	Description
id (Relationship Identifier) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc. org/ooxml/officeD ocument/relations hips	…

179. §19.2.1.11, "ext (Extension)", p. 2767

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

180. §19.2.1.13, "font (Embedded Font Name)", pp. 2768–2770, attribute various

Attributes	Description
charset (Similar Character Set) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…
panose (Panose Setting) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…
pitchFamily (Similar Font Family) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…
typeface (Text Typeface) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…

181. §19.2.1.14, "handoutMasterId (Handout Master ID)", p. 2771, attribute id

Attributes	Description
id (Relationship Identifier) Namespace: …/officeDocument /2006/relationshi pshttp://purl.oclc. org/ooxml/officeD ocument/relations hips	…

182. §19.2.1.16, "italic (Italic Embedded Font)", p. 2772, attribute id

Attributes	Description
id (Relationship Identifier) Namespace: …/officeDocument /2006/relationshi pshttp://purl.oclc. org/ooxml/officeD ocument/relations hips	…

183. §19.2.1.20, "notesMasterId (Notes Master ID)", p. 2778, attribute id

Attributes	Description
id (Relationship Identifier) Namespace: …/officeDocument /2006/relationshi pshttp://purl.oclc. org/ooxml/officeD ocument/relations hips	…

184. §19.2.1.22, "notesSz (Notes Slide Size)", p. 2779, attribute various

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	…

185. §19.2.1.29, "regular (Regular Embedded Font)", p. 2787, attribute id

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

186. §19.2.1.31, "sld (Presentation Slide)", p. 2789, attribute id

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

187. §19.2.1.33, "sldId (Slide ID)", p. 2790, attribute id

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

188. §19.2.1.36, "sldMasterId (Slide Master ID)", p. 2791, attribute id

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

189. §19.2.1.40, "SmartTags (SmartTags)", p. 2795, attribute id

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

190. §19.2.2.3, "gridSpacing (Grid Spacing)", p. 2797, attribute various

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	…

191. §19.2.2.9, "origin (View Origin)", p. 2801, attribute various

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

192. §19.2.2.14, "sld (Presentation Slide)", p. 2804, attribute id

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

193. §19.3.1.3, "bgRef (Background Style Reference)", pp. 2809–2810, attribute idx

Attributes	Description
idx (Style Matrix Index) Namespace: …/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	…

194. §19.3.1.4, "blipFill (Picture Fill)", p. 2812, attribute various

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	…

195. §19.3.1.6, "clrMap (Color Scheme Map)", p. 2814–2815, attribute various

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	…

196. §19.3.1.11, "cNvPicPr (Non-Visual Picture Drawing Properties)", pp. 2817–2818, attribute preferRelativeResize

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

197. §19.3.1.12, "cNvPr (Non-Visual Drawing Properties)", pp. 2819–2820, attribute various

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 http://purl.oclc.org/ooxml/drawingml/main	…
title (Title) Namespace: …/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	…

198. §19.3.1.13, "cNvSpPr (Non-Visual Drawing Properties for a Shape)", p. 2821, attribute txBox

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

199. §19.3.1.14, "ContentPart (Content Part)", pp. 2821–2824

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/customXml http://purl.oclc.org/ooxml/officeDocument/relationships/customXml"
Target="smil1.xml" />
   …
</Relationships>
```

200. §19.3.1.14, "ContentPart (Content Part)", p. 2824, attribute id

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

201. §19.3.1.17, "custData (Customer Data)", p. 2826, attribute id

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

202. §19.3.1.23, "grpSpPr (Group Shape Properties)", p. 2831, attribute bwMode

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

203. §19.3.1.40, "sldLayoutId (Slide Layout ID)", p. 2844, attribute id

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

204. §19.3.1.44, "spPr (Shape Properties)", pp. 2847–2848, attribute bwMode

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

205. §19.3.1.47, "tags (Customer Data Tags)", p. 2851, attribute id

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

206. §19.3.1.53, "xfrm (2D Transform for Graphic Frame)", p. 2856, attribute various

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	…

207. §19.3.2.1, "control (Embedded Control)", p. 2857, attribute id

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

208. §19.3.2.4, "oleObj (Global Element for Embedded objects and Controls)", p. 2859, attribute id

Attributes	Description
id (Relationship ID) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc. org/ooxml/officeD ocument/relations hips	…

209. §19.4.5, "pos (Comment Position)", p. 2865, attribute various

Attributes	Description
x (X-Axis Coordinate) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…
y (Y-Axis Coordinate) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…

210. §19.5.68, "snd (Sound)", p. 2942, attribute various

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	…

211. §19.5.70, "sndTgt (Sound Target)", p. 2943, attribute various

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	…

212. §19.7, "Simple Types", p. 2974

This is the complete list of simple types dedicated to PresentationML. in the http://schemas.openxmlformats.org/presentationml/2006/main namespace.

213. §20.1.2.2.14, "ext (Extension)", p. 3028

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

214. §20.1.2.2.23, "hlinkHover (Hyperlink for Hover)", p. 3037, attribute id

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: …/officeDocument /2006/relationshi pshttp://purl.oclc. org/ooxml/officeD ocument/relations hips	…

215. §20.1.2.2.32, "snd (Hyperlink Sound)", p. 3044, attribute embed

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: …/officeDocument /2006/relationshi pshttp://purl.oclc. org/ooxml/officeD ocument/relations hips	…

216. §20.1.3.2, "audioFile (Audio from File)", pp. 3083–3084, attribute link

Attributes	Description
link (Linked Relationship ID) Namespace: …/officeDocument /2006/relationshi pshttp://purl.oclc. org/ooxml/officeD ocument/relations hips	…

217. §20.1.3.4, "quickTimeFile (QuickTime from File)", pp. 3085–3086, attribute link

Attributes	Description
link (Linked Relationship ID) Namespace: …/officeDocument /2006/relationshi pshttp://purl.oclc. org/ooxml/officeD ocument/relations hips	…

218. §20.1.3.6, "videoFile (Video from File)", p. 3088, attribute link

Attributes	Description
link (Linked Relationship ID) Namespace: …/officeDocument /2006/relationshi pshttp://purl.oclc. org/ooxml/officeD ocument/relations hips	…

219. §20.1.3.7, "wavAudioFile (Audio from WAV File)", p. 3089, attribute embed

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

220. §20.1.8.13, "blip (Blip)", p. 3187, attribute embed

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

221. §20.1.10, "Simple Types", p. 3262

This is the complete list of simple types dedicated to DrawingML framework. in the http://schemas.openxmlformats.org/drawingml/2006/main namespace.

222. §20.1.10.41, "ST_PercentageDecimal (Percentage as Decimal Number)", p. 3298

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
ST_Percentage (§xx); ST_TextBulletSizePercent (§224)

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

223. §20.1.10.62, "ST_TextBulletSizePercent (Bullet Size Percentage)", p. 3420

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 (§20.1.10.86)

224. §20.1.10.87, "ST_TextBulletSize (Bullet Size Percentage)", new subclause

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 (§21.1.2.4.9)

[*Note*: The W3C XML Schema definition of this simple type's content model (ST_TextBulletSize) is located in § A.4.1. *end note*]

225. §20.2.2.1, "blipFill (Picture Fill)", pp. 3450–3451, attribute various

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	…

226. §20.2.2.2, "cNvPicPr (Non-Visual Picture Drawing Properties)", p. 3452, attribute preferRelativeResize

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

227. §20.2.2.3, "cNvPr (Non-Visual Drawing Properties)", pp. 3453–3454, attribute various

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

228. §20.2.2.6, "spPr (Shape Properties)", p. 3457, attribute bwMode

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

229. §20.4.2.5, "docPr (Drawing Object Non-Visual Properties)", pp. 3470–3472, attribute various

Attributes	Description
descr (Alternative Text for Object) Namespace: …/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	… The possible values for this attribute are defined by the W3C XML Schema string datatype.
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	…
name (Name) Namespace: …/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	…

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

230. §20.4.2.7, "extent (Drawing Object Size)", pp. 3476–3477, attribute various

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	…

231. §20.4.2.9, "lineTo (Wrapping Polygon Line End Position)", p. 3481, attribute various

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	…

232. §20.4.2.13, "simplePos (Simple Positioning Coordinates)", pp. 3485–3486, attribute various

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

233. §20.4.2.14, "start (Wrapping Polygon Start)", pp. 3486–3487, attribute various

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	…

234. §20.4.3, "Simple Types", p. 3500

This is the complete list of simple types dedicated to DrawingML – WordprocessingML Drawing. in the http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawing namespace.

235. §20.5, "DrawingML – SpreadsheetML Drawing", pp. 3507–3508

```
<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>
```

236. §20.5.2.2, "blipFill (Picture Fill)", p. 3512, attribute various

Attributes	Description
dpi (DPI Setting) Namespace: …/drawingml/2006/main http://purl.oclc.org/ooxml/drawingml/main	…

Attributes	Description
rotWithShape (Rotate With Shape) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…

237. §20.5.2.7, "cNvPicPr (Non-Visual Picture Drawing Properties)", p. 3515, attribute preferRelativeResize

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…

238. §20.5.2.8, "cNvPr (Non-Visual Drawing Properties)", pp. 3516–3517, attribute various

Attributes	Description
descr (Alternative Text for Object) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…
hidden (Hidden) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…

Attributes	Description
id (Unique Identifier) Namespace: <s>…/drawingml/2006/main</s><u>http://purl.oclc.org/ooxml/drawingml/main</u>	…
name (Name) Namespace: <s>…/drawingml/2006/main</s><u>http://purl.oclc.org/ooxml/drawingml/main</u>	…
title (Title) Namespace: <s>…/drawingml/2006/main</s><u>http://purl.oclc.org/ooxml/drawingml/main</u>	…

239. §20.5.2.9, "cNvSpPr (Connection Non-Visual Shape Properties)", p. 3518, attribute txBox

Attributes	Description
txBox (Text Box) Namespace: <s>…/drawingml/2006/main</s><u>http://purl.oclc.org/ooxml/drawingml/main</u>	…

240. §20.5.2.12, "contentPart (Content Part)", pp. 3519–3523

The relationship type of the explicit relationship specified by this element shall be <s>http://schemas.openxmlformats.org/officeDocument/2006/customXml</s><u>http://purl.oclc.org/ooxml/officeDocument/relationships/customXml</u> 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/customXml http://purl.oclc.org/ooxml/officeDocument/relationships/customXml" Target="svg1.xml" />
  …
</Relationships>
```

241. §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	…

242. §20.5.2.14, "ext (Shape Extent)", pp. 3524–3525, attribute various

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	…

243. §20.5.2.18, "grpSpPr (Group Shape Properties)", p. 3529, attribute bwMode

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

244. §20.5.2.26, "pos (Position)", p. 3534, attribute various

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

245. §20.5.2.30, "spPr (Shape Properties)", p. 3537, attribute bwMode

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

246. §20.5.2.36, "xfrm (2D Transform for Graphic Frames)", pp. 3541–3542, attribute various

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	…

247. §20.5.3, "Simple Types:, p. 3542

This is the complete list of simple types dedicated to DrawingML – SpreadsheetML Drawing. in the http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawing namespace.

248. §21.1.2.3.5, "hlinkClick (Click Hyperlink)", p. 3610, attribute id

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: …/officeDocument /2006/relationships http://purl.oclc. org/ooxml/officeD ocument/relations hips	…

249. §21.1.2.3.6, "hlinkMouseOver (Mouse-Over Hyperlink)", p. 3612, attribute id

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: …/officeDocument /2006/relationships http://purl.oclc. org/ooxml/officeD ocument/relations hips	…

250. §21.2.2.21, "bubbleScale (Bubble Scale)", p. 3767

This element specifies the scale factor for the bubble chart. This element can be an integer percentage value from 0% to 300%, corresponding to a percentage of the default size.

251. §21.2.2.26, "chart (Reference to Chart Part)", p. 3770, attribute id

Attributes	Description
id (Relationship Reference) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc. org/ooxml/officeD ocument/relations hips	…

252. §21.2.2.30, "clrMapOvr (Color Map Override)", pp. 3773–3775, attribute various

Attributes	Description
accent1 (Accent 1) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…
accent2 (Accent 2) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…
accent3 (Accent 3) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…
accent4 (Accent 4) Namespace: …/drawingml/200 6/main http://purl. oclc.org/ooxml/dr awingml/main	…

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	…

253. §21.2.2.41, "depthPercent (Depth Percent)", p. 3780

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 (§21.2.3.9).

254. §21.2.2.63, "externalData (External Data Relationship)", p. 3790, attribute id

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. …

255. §21.2.2.74, "gapDepth (Gap Depth)", p. 3795, attribute val

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 (§21.2.3.16).

256. §21.2.2.75, "gapWidth (Gap Width)", p. 3796, attribute val

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 (§21.2.3.16).

257. §21.2.2.82, "holeSize (Hole Size)", p. 3799, attribute val

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 (§21.2.3.18).

258. §21.2.2.83, "hPercent (Height Percent)", p. 3800

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 (§21.2.3.18).

259. §21.2.2.91, "lblOffset (Label Offset)", p. 3803, attribute val

Attributes	Description
val (Label Offset Value)	Specifies the contents of this attribute contain a~~n~~ percentage~~integer~~ between 0% and 1000%. The possible values for this attribute are defined by the ST_LblOffset simple type (§21.2.3.23).

260. §21.2.2.131, "overlap (Overlap)", p. 3820, attribute val

Attributes	Description
val (Overlap Value)	Specifies the contents of this attribute contain a~~n integer~~ percentage between -100~~%~~ and 100~~%~~. The possible values for this attribute are defined by the ST_Overlap simple type (§21.2.3.31).

261. §21.2.2.136, "perspective (Perspective)", p. 3827, attribute val

Attributes	Description
val (Perspective Value)	Specifies the contents of this attribute contain ~~an integer~~ a percentage between 0~~%~~ and ~~100~~240%. The possible values for this attribute are defined by the ST_Perspective simple type (§21.2.3.34).

262. §21.2.2.164, "secondPieSize (Second Pie Size)", p. 3839, attribute val

Attributes	Description
val (Second Pie Size Value)	Specifies the contents of this attribute contain ~~an integer~~ a percentage between 5~~%~~ and 200~~%~~. The possible values for this attribute are defined by the ST_SecondPieSize simple type (§21.2.3.41).

263. §21.2.2.197, "spPr (Shape Properties)", p. 3858, attribute bwMode

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

264. §21.2.2.206, "thickness (Thickness)", pp. 3861–3862, attribute val

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

[*Note*: The W3C XML Schema definition of this element's content model (CT_~~UnsignedInt~~Thickness) is located in §A.5.1. *end note*]

265. §21.2.2.221, "userShapes (Reference to Chart Drawing Part)", p. 3868, attribute id

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

266. §21.2.3, "Simple Types", p. 3875

This is the complete list of simple types dedicated to DrawingML – Charts. ~~in the http://schemas.openxmlformats.org/drawingml/2006/chart namespace.~~

267. §21.2.3.5, "ST_BubbleScale (Bubble Scale)", pp. 3877–3878

This simple type specifies that its contents contain a~~n 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.

268. §21.2.3.9, "ST_DepthPercent (Depth Percent)", p. 3880

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.~~

269. §21.2.3.16, "ST_GapAmount (Gap Amount)", p. 3883

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.~~

270. §21.2.3.18, "ST_HoleSize (Hole Size)", p. 3884

This simple type specifies that its contents contain a~~n~~ percentage ~~integer~~ 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.

271. §21.2.3.19, "ST_HPercent (Height Percent)", p. 3885

This simple type specifies that its contents contain ~~an integer~~a 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.~~

272. §21.2.3.23, "ST_LblOffset (Label Offset)", pp. 3886–3887

This simple type specifies that its contents contain a~~n 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 1000.~~

273. §21.2.3.31, "ST_Overlap (Overlap)", p. 3891

This simple type specifies that its contents contain a~~n 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.~~

274. §21.2.3.34, "ST_Perspective (Perspective)", p. 3892

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.~~

275. §21.2.3.41, "ST_SecondPieSize (Second Pie Size)", p. 3896

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.~~

276. §21.2.3.51, "ST_DepthPercentWithSymbol (Depth Percent with Symbol)", new subclause

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)

277. §21.2.3.52, "ST_HPercentWithSymbol (Height Percent with Symbol)", new subclause

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)

278. §21.2.3.53, "ST_GapAmountPercent (Gap Amount Percentage)", new subclause

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
ST_GapAmount (§21.2.3.16)

279. §21.2.3.54, "ST_PerspectivePercent (Perspective Percentage)", new subclause

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)

280. §21.2.3.55, "ST_SecondPieSizePercent (Second Pie Size Percentage)", new subclause

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)

281. §21.2.3.56, "ST_HoleSizePercent (Hole Size Percentage)", new subclause

This simple type specifies that its contents contain a percentage between 1% and 90%.

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

Referenced By
ST_HoleSize (§21.2.3.18)

282. §21.2.3.57, "ST_LblOffsetPercent (Label Offset Percentage)", new subclause

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)

283. §21.2.3.58, "ST_OverlapPercent (Overlap Percentage)", new subclause

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)

284. §21.2.3.59, "ST_BubbleScalePercent (Bubble Scale Percentage)", new subclause

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)

285. §21.2.3.60, "ST_Thickness (Thickness Percentage)", new subclause

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).

286. §21.2.3.61, "ST_ThicknessPercent (Thickness Percentage)", new subclause

This simple type specifies that its contents contain a percentage.

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

Referenced By
ST_Thickness (§21.2.3.60)

287. §21.3.2.2, "blipFill (Picture Fill)", pp. 3913–3914, attribute various

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

288. §21.3.2.6, "cNvPicPr (Non-Visual Picture Drawing Properties)", p. 3916, attribute preferRelativeResize

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…

289. §21.3.2.7, "cNvPr (Non-Visual Drawing Properties)", pp. 3917–3918, attribute various

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	…
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	…

290. §21.3.2.8, "cNvSpPr (Non-Visual Shape Drawing Properties)", p. 3919, attribute txBox

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

291. §21.3.2.10, "ext (Shape Extent)", p. 3922, attribute various

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

292. §21.3.2.14, "grpSpPr (Group Shape Properties)", p. 3926, attribute bwMode

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

293. §21.3.2.23, "spPr (Shape Properties)", p. 3934, attribute bwMode

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

294. §21.3.2.28, "xfrm (Graphics Frame Transform)", p. 3937, attribute various

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

295. §21.3.3, "Simple Types", p. 3938

This is the complete list of simple types dedicated to DrawingML – Chart Drawings. in the http://schemas.openxmlformats.org/drawingml/2006/chartDrawing namespace.

296. §21.4.2.14, "forEach (For Each)", p. 3955

```
<shape
xmlns:r="http://purl.oclc.org/ooxml/officeDocument/relationshipshttp://schemas.o
penxmlformats.org/officeDocument/2006/relationships" r:blip="">
```

297. §21.4.2.19, "layoutNode (Layout Node)", p. 3964

```
<shape type="rect"
xmlns:r="http://purl.oclc.org/ooxml/officeDocument/relationshipshttp://schemas.o
penxmlformats.org/officeDocument/2006/relationships" r:blip="">
```

298. §21.4.2.22, "relIds (Explicit Relationships to Diagram Parts)", p. 3968, attribute various

Attributes	Description
cs (Explicit Relationship to Diagram Colors Part) Namespace: …/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships	… 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. …
dm (Explicit Relationship to Diagram Data Part) Namespace: …/officeDocument/2006/relationshipshttp://purl.oclc.org/ooxml/officeDocument/relationships	… 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. …

Attributes	Description
lo (Explicit Relationship to Diagram Layout Definition Part) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc. org/ooxml/officeD ocument/relations hips	… This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramL ayout http://purl.oclc.org/ooxml/officeDocument/relationships/diagramLayout or the document shall be considered non-conformant. …
qs (Explicit Relationship to Style Definition Part) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc. org/ooxml/officeD ocument/relations hips	… This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramQ uickStyle http://purl.oclc.org/ooxml/officeDocument/relationships/diagramQuickStyle or the document shall be considered non-conformant. …

299. §21.4.2.27, "shape (Shape)", p. 3973, attribute blip

Attributes	Description
blip (Relationship to Image Part) Namespace: …/officeDocument /2006/relationshi ps http://purl.oclc. org/ooxml/officeD ocument/relations hips	… 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. …

300. §21.4.3.4, "prSet (Property Set)", pp. 3983–3984 attributes various

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 (§21.4.7.66).
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 (§21.4.7.66).
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 (§21.4.7.66).
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 (§21.4.7.66).
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 (§21.4.7.66).
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 (§21.4.7.66).
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 (§21.4.7.66).
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 (§21.4.7.66).

301. §21.4.3.7, "spPr (Shape Properties)", p. 3988, attribute bwMode

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

302. §21.4.4.3, "colorsDef (Color Transform Definitions)", p. 3991

```
xmlns:dgm="http://schemas.openxmlformats.org/drawingml/2006/3/diagram"
xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/3/main"
```

303. §21.4.5.6, "sp3d (3-D Shape Properties)", pp. 4008–4009, attribute various

Attributes	Description
contourW (Contour Width) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…
extrusionH (Extrusion Height) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…

Attributes	Description
prstMaterial (Preset Material Type) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…
z (Shape Depth) Namespace: …/drawingml/2006/mainhttp://purl.oclc.org/ooxml/drawingml/main	…

304. §21.4.5.7, "styleDef (Style Definition)", p. 4010

```
xmlns:dgm="http://schemas.openxmlformats.org/drawingml/2006/3/diagram"
xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/3/main"
```

305. §21.4.7, "Simple Types", p. 4021

This is the complete list of simple types dedicated to DrawingML – Diagrams. in the http://schemas.openxmlformats.org/drawingml/2006/diagram namespace.

306. §21.4.7.66, "ST_PrSetCustVal (Property Set Customized Value)", new subclause

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).

Referenced By
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 §A.5.3. *end note*]

307. §22.1.3, "Simple Types", p. 4223

This is the complete list of simple types dedicated to Math. in the http://schemas.openxmlformats.org/officeDocument/2006/math namespace.

308. §22.2, "Extended Properties", p. 4230

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

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

309. §22.3, "Custom Properties", p. 4240

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-propertieshttp://purl.oclc.org/ooxml/officeDocument/relationships/customProperties
- Content Type: application/vnd.openxmlformats-officedocument.custom-properties+xml

310. §22.4.3, "Simple Types", p. 4256

This is the complete list of simple types dedicated to Variant Types. in the http://schemas.openxmlformats.org/officeDocument/2006/docPropsVTypes namespace.

311. §22.6.2.60, "sources (Sources)", p. 4300

Attributes	Description
SelectedStyle (Selected Style)	… [*Example*: `<b:Sources SelectedStyle="\APA.XSL" StyleName="APA"` `URI="`http://schemas.openxmlformats.org/bibliographicStyle/APAhttp://purl.oclc.org/ooxml/bibliographicStyle/APA`">` *end example*] …

312. §22.6.3, "Simple Types", p. 4310

This is the complete list of simple types dedicated to Bibliography. in the http://schemas.openxmlformats.org/officeDocument/2006/bibliography namespace.

313. §22.7.3, "Simple Types", p. 4315

This is the complete list of simple types dedicated to Additional Characteristics. in the http://schemas.openxmlformats.org/officeDocument/2006/characteristics namespace.

314. §22.8.2, "Simple Types", p. 4316

This is the complete list of simple types dedicated to Office Document Relationships. in the http://schemas.openxmlformats.org/officeDocument/2006/relationships namespace.

315. §22.9.2, "Simple Types", p. 4317

This is the complete list of simple types dedicated to Shared Simple Types. in the http://schemas.openxmlformats.org/officeDocument/2006/sharedTypes namespace.

316. §A.1, "WordprocessingML", p. 4345, lines 1–18

```
<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"/>
```

317. §A.1, "WordprocessingML", p. 4347, lines 108–113

```
    <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>
```

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

```
<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>
```

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

```
<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>
```

320. §A.2, "SpreadsheetML", p. 4410, lines 1–13

```
<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/spreadsheetDrawinghtt
  p://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/relationships
      http://purl.oclc.org/ooxml/officeDocument/relationships"
      schemaLocation="shared-relationshipReference.xsd"/>
    <xsd:import id="s"
      namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypesht
      tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
      commonSimpleTypes.xsd"/>
    <xsd:import id="xdr"
      namespace="http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawing
      http://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing" schemaLocation="dml-
      spreadsheetDrawing.xsd"/>
```

321. §A.2, "SpreadsheetML", pp. 4481–4482, lines 3792–3811

```
<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>
```

322. §A.2, "SpreadsheetML", new type

```
<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>
```

323. §A.3, "PresentationML", p. 4494, lines 1–13

```
<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.oc
  lc.org/ooxml/presentationml/main"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.or
  g/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/relationships
      http://purl.oclc.org/ooxml/officeDocument/relationships"
      schemaLocation="shared-relationshipReference.xsd"/>
    <xsd:import
      namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oc
      lc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>
    <xsd:import id="s"
      namespace="http://schemas.openxmlformats.org/officeDocument/2006/sharedTypesht
      tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
      commonSimpleTypes.xsd"/>
```

324. §A.3, "PresentationML", p. 4508, lines 768–773

```
    <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>
```

325. §A.3, "PresentationML", p. 4510, lines 849–857

```
    <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"/>
            <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>
```

326. §A.3, "PresentationML", p. 4522, lines 1505–1508

```
    <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>
```

327. §A.4.1, "DrawingML – Main", p. 4525, lines 1–20

```
<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/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/drawingml/2006/diagramhttp://purl
    .oclc.org/ooxml/drawingml/diagram" schemaLocation="dml-diagram.xsd"/>
```

```
<xsd:import
  namespace="http://schemas.openxmlformats.org/drawingml/2006/charthttp://purl.o
  clc.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/compatibility"
schemaLocation="dml-compatibility.xsd"/> [Deleted by ISO/IEC 29500-1:2008/Cor.1:2010]
<xsd:import
  namespace="http://schemas.openxmlformats.org/drawingml/2006/lockedCanvashttp:/
  /purl.oclc.org/ooxml/drawingml/lockedCanvas" schemaLocation="dml-
  lockedCanvas.xsd"/>
```

328. §A.4.1, "DrawingML - Main", p. 4528, lines 184–189

```
<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>
```

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

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

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

```
<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>
```

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

```
    <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>
```

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

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

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

```
<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*((2[5-9])|([3-9][0-9])|([1-3][0-9][0-9])|400)%"/>
</xsd:restriction>
/xsd:simpleType>
```

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

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

335. §A.4.1, "DrawingML - Main", p. 4577, lines 2752–2754

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

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

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

337. §A.4.2, "DrawingML – Picture", p. 4582, lines 1–6

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

338. §A.4.3, "DrawingML – Locked Canvas", p. 4583, lines 1–10

```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
 xmlns="http://schemas.openxmlformats.org/drawingml/2006/lockedCanvashttp://purl.o
clc.org/ooxml/drawingml/lockedCanvas"
 xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.or
g/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/lockedCanvashtt
p://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>
```

339. §A.4.4, "DrawingML – WordprocessingML Drawing", p. 4583, lines 1–10

```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.or
  g/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/wordprocessingD
  rawinghttp://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing"
  elementFormDefault="qualified">
    <xsd:import
      namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oc
      lc.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"/>
```

340. §A.4.5, "DrawingML – SpreadsheetML Drawing", p. 4587, lines 1–10

```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.or
  g/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/spreadsheetDraw
  inghttp://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing"
  elementFormDefault="qualified">
    <xsd:import
      namespace="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oc
      lc.org/ooxml/drawingml/main" schemaLocation="dml-main.xsd"/>
    <xsd:import schemaLocation="shared-relationshipReference.xsd"
      namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationships
      http://purl.oclc.org/ooxml/officeDocument/relationships"/>
```

341. §A.5.1, "DrawingML – Charts", p. 4590, lines 1–16

```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/mainhttp://purl.oclc.or
  g/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://pu
  rl.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://pur
  l.oclc.org/ooxml/drawingml/chart" elementFormDefault="qualified"
  attributeFormDefault="unqualified" blockDefault="#all">
  <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/drawingml/2006/mainhttp://purl.oc
    lc.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/sharedTypesht
    tp://purl.oclc.org/ooxml/officeDocument/sharedTypes" schemaLocation="shared-
    commonSimpleTypes.xsd"/>
```

342. §A.5.1, "DrawingML - Charts", p. 4594, lines 198–206

```
<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>
```

343. §A.5.1, "DrawingML - Charts", p. 4594, lines 216–224

```
<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>
```

344. §A.5.1, "DrawingML - Charts", p. 4594, lines 225–233

```
    <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>
```