<<ISO and IEC logos go here>>

Draft 4, 2009-07-27

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

Part 4:
Transitional Migration Features

AMENDMENT 1

Technologies de l'information — Description des documents et langages de traitement — Formats de fichier "Office Open XML" —
Partie 4: …

AMENDEMENT 1

Technical Corrigendum 1 to ISO/IEC 29500-4:2008 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 34, *Document description and processing languages*.

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

This amendment allows OOXML documents in the conformance class *transitional* to continue to use the original namespaces in ISO/IEC 29500-1:2008 rather than the new namespaces in ISO/IEC 29500-1:2008/Amd.1:2010. As a result, ECMA-376 (1st edition) OOXML documents conforming to ISO/IEC 29500-4:2008 continue to conform to ISO/IEC 29500-4:2008/ Amd.1:2010.

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

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

ISO/IEC 29500-4:2008/Amd.1:2010(E)

Notational conventions

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

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

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

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

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

Contents

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

This Technical Corrigendum contains corrections that resolve various Defect Reports submitted against ISO/IEC 29500-4:2008.

A correction can involve changes to one or more clause or subclauses; it can even apply to multiple Parts of ISO/IEC 29500. For changes to Part 4, each such change has its own entry below, and the number of the Defect Report that lead to any particular change is written immediately following that change's title, in the form "[DR *99-9999*]". (This information is for the use of committee ISO/IEC SC 34/WG4 only, and will be removed from the final COR. However, a committee-private version containing the DR numbers will be made available for tracking purposes.)

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

Changes

1. §2.3, "Application Descriptions", new subclause

[DR 08-0012]

An application can be defined as conforming to zero or more *application descriptions* in a particular conformance class.

The application descriptions defined within ISO/IEC 29500 are:

- Base
- Full

[*Note*: These application descriptions should not be taken as limiting the ability of an application provider to create innovative applications. They are intended as a mechanism for labeling applications rather than for restricting their capabilities. The intention is to promote interoperability between different applications that share the same conformance class. Application descriptions are orthogonal to the conformance of the documents produced by those applications. For example, a tool used for automated translation of documents might have an application description of "Base" but will still produce fully conformant documents. *end note*]

The application descriptions are determined in terms of an application's semantic understanding of particular features. *Semantic understanding* is to be interpreted in that an application shall treat the information in Office Open XML documents in a manner consistent with the semantic definitions given in ISO/IEC 29500.

Each application description is identified by a URI.

The application descriptions are defined in the following subclauses.

2. §2.3.1, "Base Application Description", new subclause

[DR 08-0012]

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

An application conforming to this description has a semantic understanding of at least one feature within its conformance class.

[*Note*: In addition, applications that include a user interface are strongly recommended to support all accessibility features appropriate to that user interface. *end note*]

3. §2.3.2, "Full Application Description", new subclause

[DR 08-0012]

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

An application conforming to this description has a semantic understanding of every feature within its conformance class.

4. §2.3.3, "Additional Application Descriptions", new subclause

[DR 08-0012]

It is expected that additional application descriptions will be defined within the maintenance process for ISO/IEC 29500. It is also expected that third parties might define their own application descriptions; for example to inform their procurement decisions, or to deal with domains such as accessibility.

[*Note*: A possible application description would be a "standard" application description for a word-processing application. This could be created by taking the intersection of the features available in common word-processing applications such as Word 2000, OpenOffice 2, WordPerfect, and iWork Pages. In addition, it could define formats such as specific image and video formats required to be supported to conform to the description. Similar descriptions could be created for spreadsheet applications and presentation applications. Such a description would promote interoperability between applications implementing OOXML. It would also promote interoperability between applications implementing OOXML and applications implementing other document formats such as ISO/IEC 26300. *end note*]

Application descriptions are not required to be strict subsets of each other. An application can simultaneously conform to multiple application descriptions.

Any such newly created description shall enumerate the features that are required for conformance to it. Such a description should provide a machine-processable schema, preferably using a standard such as ISO/IEC 19757.

[*Note*: If the application conforming to a description is a document consumer, it should be able to consume any document that respects such a schema associated with the description. If the application is a document producer, any document produced by that application should respect the schema of the description. *end note*]

Any such description should be identified using a URI, in a similar manner to the names used for application descriptions within ISO/IEC 29500.

[*Note*: For the convenience of users of the description, it is recommended that creators of a description should make a human- or machine-readable form of that description available at a URL corresponding to the description URI. *end note*]

5. §2.3.4, "Representation of Application Descriptions within Documents", new subclause

[DR 08-0012]

An application description is related to applications, rather than to document conformance. Therefore, there is no normative mechanism for representing an application description within a document.

[*Note*: It is recommended that implementers wishing to represent an application description within a document use the standard metadata mechanism for Office Open XML. *end note*]

6. §8B, "WordprocessingML", new clause

[DR 08-0012]

The following parts, which are defined in subclauses within Part 1, §11, "WordprocessingML", have different source relationships and/or root namespaces when used in documents of the Transitional conformance class:

7. §8B.1, "Alternative Format Import Part (Part 1, §11.3.1)", new subclause

[DR 08-0012]

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

8. §8B.2, "Comments Part (Part 1, §11.3.2)", new subclause

[DR 08-0012]

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

9. §8B.3, "Document Settings Part (Part 1, §11.3.3)", new subclause

[DR 08-0012]

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

10. §8B.4, "Endnotes Part (Part 1, §11.3.4)", new subclause

[DR 08-0012]

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

11. §8B.5, "Fonts Table Part (Part 1, §11.3.5)", new subclause

[DR 08-0012]

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

12. §8B.6, "Footer Part (Part 1, §11.3.6)", new subclause

[DR 08-0012]

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

13. §8B.7, "Footnotes Part (Part 1, §11.3.7)", new subclause

[DR 08-0012]

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

14. §8B.8, "Glossary Document Part (Part 1, §11.3.8)", new subclause

[DR 08-0012]

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

15. §8B.9, "Header Part (Part 1, §11.3.9)", new subclause

[DR 08-0012]

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

16. §8B.10, "Main Document Part (Part 1, §11.3.10)", new subclause

[DR 08-0012]

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

17. §8B.11, "Numbering Definitions Part (Part 1, §11.3.11)", new subclause

[DR 08-0012]

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

18. §8B.12, "Style Definitions Part (Part 1, §11.3.12)", new subclause

[DR 08-0012]

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

19. §8B.13, "Web Settings Part (Part 1, §11.3.13)", new subclause

[DR 08-0012]

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

20. §8B.14, "Document Template (Part 1, §11.4)", new subclause

[DR 08-0012]

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

21. §8B.15, "Framesets (Part 1, §11.5)", new subclause

[DR 08-0012]

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

22. §8B.16, "Master Documents and Subdocuments (Part 1, §11.6)", new subclause

[DR 08-0012]

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

23. §8B.17, "Mail Merge Data Source (Part 1, §11.7)", new subclause

[DR 08-0012]

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

24. §8B.18, "Mail Merger Header Data Source (Part 1, §11.8)", new subclause

[DR 08-0012]

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

25. §8B.19, "XSL Transformation (Part 1, §11.9)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/transform

26. §8C, "SpreadsheetML", new clause

[DR 08-0012]

The following parts, which are defined in subclauses within Part 1, §12, "SpreadsheetML", have different source relationships and/or root namespaces when used in documents of the Transitional conformance class:

27. §8C.1, "Calculation Chain Part (Part 1, §12.3.1)", new subclause

[DR 08-0012]

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

28. §8C.2, "Chartsheet Part (Part 1, §12.3.2)", new subclause

[DR 08-0012]

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

29. §8C.3, "Comments Part (Part 1, §12.3.3)", new subclause

[DR 08-0012]

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

30. §8C.4, "Connections Part (Part 1, §12.3.4)", new subclause

[DR 08-0012]

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

31. §8C.5, "Custom Property Part (Part 1, §12.3.5)", new subclause

[DR 08-0012]

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

32. §8C.6, "Custom XML Mappings Part (Part 1, §12.3.6)", new subclause

[DR 08-0012]

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

33. §8C.7, "Dialogsheet Part (Part 1, §12.3.7)", new subclause

[DR 08-0012]

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

34. §8C.8, "Drawings Part (Part 1, §12.3.8)", new subclause

[DR 08-0012]

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

35. §8C.9, "External Workbook References Part (Part 1, §12.3.9)", new subclause

[DR 08-0012]

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

36. §8C.10, "Metadata Part (Part 1, §12.3.10)", new subclause

[DR 08-0012]

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

37. §8C.11, "Pivot Table Part (Part 1, §12.3.11)", new subclause

[DR 08-0012]

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

38. §8C.12, "Pivot Table Cache Definition Part (Part 1, §12.3.12)", new subclause

[DR 08-0012]

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

39. §8C.13 , "Pivot Table Cache Records Part (Part 1, §12.3.13)", new subclause

[DR 08-0012]

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

40. §8C.14, "Query Table Part (Part 1, §12.3.14)", new subclause

[DR 08-0012]

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

41. §8C.15, "Shared Strings Table Part (Part 1, §12.3.15)", new subclause

[DR 08-0012]

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

42. §8C.16, "Shared Workbook Revision Headers Part (Part 1, §12.3.16)", new subclause

[DR 08-0012]

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

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/revisionHeaders

43. §8C.17, "Shared Workbook Revision Log Part (Part 1, §12.3.17)", new subclause

[DR 08-0012]

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

44. §8C.18, "Shared Workbook User Data part (Part 1, §12.3.18)", new subclause

[DR 08-0012]

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

45. §8C.19, "Single Cell Table Definition Part (Part 1, §12.3.19)", new subclause

[DR 08-0012]

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

46. §8C.20, "Styles Part (Part 1, §12.3.20)", new subclause

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/spreadsheetml/2006/mains
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/styles

47. §8C.21 "Table Definition Part (Part 1, §12.3.21)", new subclause

[DR 08-0012]

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

48. §8C.22, "Volatile Dependencies Part (Part 1, §12.3.22)", new subclause

[DR 08-0012]

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

49. §8C.23, "Workbook Part (Part 1, §12.3.23)", new subclause

[DR 08-0012]

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

50. §8C.24, "Worksheet Part (Part 1, §12.3.24)", new subclause

[DR 08-0012]

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

51. §8C.25, "External Workbooks (Part 1, §12.4)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/externalLinkPath

52. §8D, "PresentationML", new clause

[DR 08-0012]

The following parts, which are defined in subclauses within Part 1, §13, "PresentationML", have different source relationships and/or root namespaces when used in documents of the Transitional conformance class:

53. §8D.1, "Comment Authors Part (Part 1, §13.3.1)", new subclause

[DR 08-0012]

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

54. §8D.2, "Comments Part (Part 1, §13.3.2)", new subclause

[DR 08-0012]

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

55. §8D.3, "Handout Master Part (Part 1, §13.3.3)", new subclause

[DR 08-0012]

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

56. §8D.4, "Notes Master Part (Part 1, §13.3.4)", new subclause

[DR 08-0012]

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

57. §8D.5, "Notes Slide Part (Part 1, §13.3.5)", new subclause

[DR 08-0012]

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

58. §8D.6, "Presentation Part (Part 1, §13.3.6)", new subclause

[DR 08-0012]

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

59. §8D.7, "Presentation Properties Part (Part 1, §13.3.7)", new subclause

[DR 08-0012]

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

60. §8D.8, "Slide Part (Part 1, §13.3.8)", new subclause

[DR 08-0012]

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

61. §8D.9, "Slide Layout Part (Part 1, §13.3.9)", new subclause

[DR 08-0012]

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

62. §8D.10, "Slide Master Part (Part 1, §13.3.10)", new subclause

[DR 08-0012]

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

63. §8D.11, "Slide Synchronization Data Part (Part 1, §13.3.11)", new subclause

[DR 08-0012]

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

64. §8D.12, "User Defined Tags part (Part 1, §13.3.12)", new subclause

[DR 08-0012]

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

65. §8D.13, "View Properties Part (Part 1, §13.3.13)", new subclause

[DR 08-0012]

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

66. §8D.14, "HTML Publish Location (Part 1, §13.4)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/ htmlPubSaveAs

67. §8D.15, "Slide Synchronization Server Location (Part 1, §13.5)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/slideUpdateUrl

68. §8E, "DrawingML", new clause

[DR 08-0012]

The following parts, which are defined in subclauses within Part 1, §14, "DrawingML", have different source relationships and/or root namespaces when used in documents of the Transitional conformance class:

69. §8E.1, "Chart Part (Part 1, §14.2.1)", new subclause

[DR 08-0012]

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

70. §8E.2, "Chart Drawing Part (Part 1, §14.2.2)", new subclause

[DR 08-0012]

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

71. §8E.3, "Diagram Colors Part (Part 1, §14.2.3)", new subclause

[DR 08-0012]

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

72. §8E.4, "Diagram Data Part (Part 1, §14.2.4)", new subclause

[DR 08-0012]

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

73. §8E.5, "Diagram Layout Definition Part (Part 1, §14.2.5)", new subclause

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/drawingml/2006/diagram

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramLayout

74. §8E.6, "Diagram Style Part (Part 1, §14.2.6)", new subclause

[DR 08-0012]

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

75. §8E.7, "Theme Part (Part 1, §14.2.7)", new subclause

[DR 08-0012]

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

76. §8E.8, "Theme Override Part (Part 1, §14.2.8)", new subclause

[DR 08-0012]

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

77. §8E.9, "Table Styles Part (Part 1, §14.2.9)", new subclause

[DR 08-0012]

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

78. §8F, "Shared MLs", new clause

[DR 08-0012]

The following parts, which are defined in subclauses within Part 1, §15, "Shared", have different source relationships and/or root namespaces when used in documents of the Transitional conformance class:

79. §8F.1, "Additional Characteristics Part (Part 1, §15.2.1)", new subclause

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/officeDocument/2006/additionalCharacteristics
Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml

80. §8F.2, "Audio Part (Part 1, §15.2.2)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/audio

81. §8F.3, "Bibliography Part (Part 1, §15.2.3)", new subclause

[DR 08-0012]

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

82. §8F.4, "Content Part (Part 1, §15.2.4)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml

83. §8F.5, "Custom XML Data Storage Part (Part 1, §15.2.5)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml

84. §8F.6, "Custom XML Data Storage Properties Part (Part 1, §15.2.6)", new subclause

[DR 08-0012]

Root Namespace:	http://schemas.openxmlformats.org/officeDocument/2006/customXmlDataProps

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXmlProps

85. §8F.7, "Embedded Control Persistence Part (Part 1, §15.2.9)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/control

86. §8F.8, "Embedded Object Part (Part 1, §15.2.10)", new subclause

[DR 08-0012]

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

87. §8F.9, "Embedded Package Part (Part 1, §15.2.11)", new subclause

[DR 08-0012]

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

88. §8F.10, "Core File Properties Part (Part 1, §15.2.12.1)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officedocument/2006/relationships/metadata/core-properties

89. §8F.11, "Custom File Properties Part (Part 1, §15.2.12.2)", new subclause

[DR 08-0012]

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

90. §8F.12, "Extended File Properties Part (Part 1, §15.2.12.13)", new subclause

[DR 08-0012]

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

91. §8F.13, "Font Part (Part 1, §15.2.13)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/font

92. §8F.14, "Image Part (Part 1, §15.2.14)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/image

93. §8F.15, "Printer Settings Part (Part 1, §15.2.15)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings

94. §8F.16, "Thumbnail Part (Part 1, §15.2.16)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/package/2006/relationships/metadata/thumbnail

95. §8F.17, "Video Part (Part 1, §15.2.17)", new subclause

[DR 08-0012]

Source Relationship:	http://schemas.openxmlformats.org/officeDocument/2006/relationships/video

96. §8F.18, "Hyperlinks Part (Part 1, §15.3)", new subclause

[DR 08-0012]

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

97. §9.10.10, "Additional member types for the union in ST_TextScale (Part 1, §17.18.95)", new subclause

[DR 09-0202]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_TextScaleDecimal simple type (§9.10.11).

98. §9.10.11, "ST_TextScaleDecimal (Text Expansion/Compression Percentage)", new subclause

[DR 09-0202]

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

[*Example*: Consider a run of text which must be expanded to 300% when displaying each character within the contents of the run. This constraint is specified using the following WordprocessingML:

```
<w:rPr>
  <w:w w:val="300"/>
</w:rPr>
```

This run explicitly declares that the w value is 300, so the contents of this run appear at 300% of their normal character width by expanding the width of each character. *end example*]

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

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.

Referenced By
ST_TextScale (§17.18.95)

99. §9.11, "Changed attributes", new subclause

[DR 08-0012]

The following attributes, which are defined in subclauses within Part 1, §17, "WordprocessingML", have different source relationships when used in documents of the Transitional conformance class:

100. §9.11.1, "Changed attribute for contentPart element (Part 1, §17.3.3.2)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

101. §9.11.2, "Changed attribute for control element (Part 1, §17.3.3.3)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Embedded Control Properties Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the properties for this embedded control. This property bag is contained in a separate part within the Office Open XML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/control or the document shall be considered non-conformant. If this attribute is omitted, then the embedded control shall be given no property bag when instantiated. [*Example*: Consider the following WordprocessingML markup for an embedded control in a document: `<w:control r:id="rId5" w:name="CheckBox1" w:shapeid="_x0000_s1027" />` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rId5` must contain the property data for this embedded control. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

102. §9.11.3, "Changed attribute for movie element (Part 1, §17.3.3.17)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

103. §9.11.4, "Changed attribute for objectEmbed element (Part 1, §17.3.3.20)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Embedded Object Data) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that targets the Embedded Object Part containing the embedded object data. The specified relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/oleObject or the document shall be considered non-conformant. [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId1" />` The markup specifies the associated relationship part with relationship ID `rId1` targets the part containing the corresponding embedded object information. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

104. §9.11.5, "Changed attribute for objectLink element (Part 1, §17.3.3.21)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship to Embedded Object Data) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that targets the Embedded Object Part containing the embedded object data. The specified relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/oleObject or the document shall be considered non-conformant. [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId1" />` The markup specifies the associated relationship part with relationship ID `rId1` targets the part containing the corresponding embedded object information. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

105. §9.11.6, "Changed attribute for bottom element (Part 1, §17.6.2)", new subclause

[DR 08-0012]

Attributes	Description
bottomLeft (Custom Defined Bottom Left Border Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the custom bottom left border image for the parent element. This custom border image is contained in a separate part within the WordprocessingML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. If this attribute is omitted, then no custom bottom left border shall be used. [*Example*: Consider the following WordprocessingML markup for a custom bottom left border in a document: `<w:bottom w:val="custom" r:bottomLeft="rIdCustomBottomLeftBorder" …/>` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rIdCustomBottomLeftBorder` must contain the custom bottom left border image for the document. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).
bottomRight (Custom Defined Bottom Right Border Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the custom bottom right border image for the parent element. This custom border image is contained in a separate part within the WordprocessingML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. If this attribute is omitted, then no custom bottom left border shall be used. [*Example*: Consider the following WordprocessingML markup for a custom bottom right border in a document: `<w:bottom w:val="custom" r:bottomRight="rIdCustomBottomRightBorder" …/>` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rIdCustomBottomRightBorder` must contain the custom bottom right border image for the document. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

Attributes	Description
id (Custom Defined Border Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the custom border image for the parent element. This custom border image is contained in a separate part within the WordprocessingML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. If this attribute is omitted, then no custom border shall be used. [*Example*: Consider the following WordprocessingML markup for a custom bottom border in a document: `<w:bottom w:val="custom" r:id="rIdCustomBottomBorder" …/>` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rIdCustomBottomBorder` must contain the custom bottom border image for the document. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

106. §9.11.7, "Changed attribute for left element (Part 1, §17.6.7)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Custom Defined Border Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the custom border image for the parent element. This custom border image is contained in a separate part within the WordprocessingML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. If this attribute is omitted, then no custom border shall be used. [*Example*: Consider the following WordprocessingML markup for a custom bottom border in a document: `<w:bottom w:val="custom" r:id="rIdCustomBottomBorder" …/>` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rIdCustomBottomBorder` must contain the custom bottom border image for the document. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

107. §9.11.8, "Changed attribute for printerSettings element (Part 1, §17.6.14)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

108. §9.11.9, "Changed attribute for right element (Part 1, §17.6.15)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Custom Defined Border Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the custom border image for the parent element. This custom border image is contained in a separate part within the WordprocessingML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. If this attribute is omitted, then no custom border shall be used. [*Example*: Consider the following WordprocessingML markup for a custom bottom border in a document: `<w:bottom w:val="custom" r:id="rIdCustomBottomBorder" …/>` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rIdCustomBottomBorder` must contain the custom bottom border image for the document. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

109. §9.11.10, "Changed attribute for top element (Part 1, §17.6.21)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Custom Defined Border Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the custom border image for the parent element. This custom border image is contained in a separate part within the WordprocessingML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. If this attribute is omitted, then no custom border shall be used. [*Example*: Consider the following WordprocessingML markup for a custom bottom border in a document: `<w:bottom w:val="custom" r:id="rIdCustomBottomBorder" …/>` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rIdCustomBottomBorder` must contain the custom bottom border image for the document. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).
topLeft (Custom Defined Top Left Border Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the custom top left border image for the parent element. This custom border image is contained in a separate part within the WordprocessingML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. If this attribute is omitted, then no custom top left border shall be used. [*Example*: Consider the following WordprocessingML markup for a custom top left border in a document: `<w:top w:val="custom" r:topLeft="rIdCustomTopLeftBorder" …/>` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rIdCustomTopLeftBorder` must contain the custom top left border image for the document. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

Attributes	Description
topRight (Custom Defined Top Right Border Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that contains the custom top right border image for the parent element. This custom border image is contained in a separate part within the WordprocessingML package. The relationship explicitly targeted by this attribute shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. If this attribute is omitted, then no custom top left border shall be used when the parent element is instantiated. [*Example*: Consider the following WordprocessingML markup for a custom top right border in a document: `<w:top w:val="custom" r:topRight="rIdCustomTopRightBorder" … />` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rIdCustomTopRightBorder` must contain the custom top right border image for the document. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

110. §9.11.11, "Changed attribute for embedBold element (Part 1, §17.8.3.3)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

111. §9.11.12, "Changed attribute for embedBoldItalic element (Part 1, §17.8.3.4)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

112. §9.11.13, "Changed attribute for embedItalic element (Part 1, §17.8.3.5)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

113. §9.11.14, "Changed attribute for embedRegular element (Part 1, §17.8.3.6)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

114. §9.11.15, "Changed attribute for footerReference element (Part 1, §17.10.2)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

115. §9.11.16, "Changed attribute for headerReference element (Part 1, §17.10.5)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

116. §9.11.17, "Changed attribute for dataSource element (Part 1, §17.14.9)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

117. §9.11.18, "Changed attribute for headerSource element (Part 1, §17.14.16)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

118. §9.11.19, "Changed attribute for recipientData element (Part 1, §17.14.28)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

119. §9.11.20, "Changed attribute for src element (Part 1, §17.14.30)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

120. §9.11.21, "Changed attribute for attachedTemplate element (Part 1, §17.15.1.6)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

121. §9.11.22, "Changed attribute for saveThroughXslt element (Part 1, §17.15.1.76)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (XSL Transformation Location) Namespace: .../officeDocument/2006/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 , or this document shall be declared non-conformant. [*Example*: Consider a XML document that must have the XSL transform located at `c:\Example Transform.xslt` applied when the document is saved as a single XML file. This requirement would be specified using the following WordprocessingML in the document settings: `<w:saveThroughXslt r:id="rId5" />` The saveThroughXslt element specifies that the relationship located at `rId5` must be used when saving as a single XML file in this case, that relationship must target `c:\Example Transform.xslt`. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

122. §9.11.23, "Changed attribute for longDesc element (Part 1, §17.15.2.23)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

123. §9.11.24, "Changed attribute for sourceFileName element (Part 1, §17.15.2.39)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/footer for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

124. §9.11.25, "Changed attribute for subDoc element (Part 1, §17.17.1.1)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/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 for the contentPart element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/ for the footerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/header for the headerReference element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/font for the embedBold, embedBoldItalic, embedItalic, or embedRegular elements • http://schemas.openxmlformats.org/officeDocument/2006/relationships/printerSettings for the printerSettings element • http://schemas.openxmlformats.org/officeDocument/2006/relationships/hyperlink for the longDesc or hyperlink element [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

125. §9.11.26, "Changed attribute for altChunk element (Part 1, §17.17.2.1)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID to a specified part containing alternate content for import. If the specified relationship does not match the relationship type required by the parent element, then this document shall be considered to be non-conformant. [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId10" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (§Part 1, §22.8.2.1).

126. §10.8, "Changed attributes", new subclause

[DR 08-0012]

The following attributes, which are defined in subclauses within Part 1, §18, "SpreadsheetML", have different source relationships when used in documents of the Transitional conformance class:

127. §10.8.1, "Changed attribute for externalReference element (Part 1, §18.2.8)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Specifies a unique identifier that is used to identify a relationship to another part in the file. Relationship identifiers link the element definition with the part where data for the element is stored. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

128. §10.8.2, "Changed attribute for pivotCache element (Part 1, §18.2.17)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Specifies the identifier to a pivot cache definition part where cached data is stored. This attribute is required. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

129. §10.8.3, "Changed attribute for sheet element (Part 1, §18.2.19)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Specifies the identifier of the sheet part where the definition for this sheet is stored. This attribute is required. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

130. §10.8.4, "Changed attribute for control element (Part 1, §18.3.1.19)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	This relationship ID references an Embedded Control Data part that contains control-specific properties and state information about this particular embedded control. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

131. §10.8.5, "Changed attribute for controlPr element (Part 1, §18.3.1.20)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship ID for Embedded Control Properties) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship which contains the properties for this embedded control. This property bag is contained in a separate part within the package. The relationship explicitly targeted by this attribute shall be of relationship type http://schemas.openxmlformats.org/officeDocument/2006/relationships/control or the document shall be considered non-conformant. If this attribute is omitted, then the embedded control shall be given no property bag when instantiated. [*Example*: Consider the following WordprocessingML markup for an embedded control in a document: `<w:control r:id="rId5" w:id="CheckBox1" w:name="CheckBox1" w:shapeid="_x0000_s1027" w:class="shape" w:w="145" w:h="28" w:align="left" />` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rId5` must contain the property data for this embedded control. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

132. §10.8.6, "Changed attribute for customPr element (Part 1, §18.3.1.22)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	This relationship references the binary part containing the specified custom properties. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

133. §10.8.7, "Changed attribute for dataRef element (Part 1, §18.3.1.30)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (relationship Id) Namespace: .../officeDocument/2006/relationships	Used only when the source range is external to this workbook. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

134. §10.8.8, "Changed attribute for drawing element (Part 1, §18.3.1.36)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship id) Namespace: .../officeDocument/2006/relationships	Relationship Id referencing a part containing DrawingML definitions for this worksheet. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

135. §10.8.9, "Changed attribute for drawingHF element (Part 1, §18.3.1.37)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship ID for Embedded Control Properties) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship to the DrawingML part that contains the drawing objects used in the header and footer. This DrawingML part is a separate part within the package. [*Example*: `<drawingHF r:id="rId2" lho="7" lhf="6"/>` The id attribute in the relationship reference namespace specifies that the relationship with relationship ID `rId5` must contain the drawing objects used in the header and footer. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

136. §10.8.10, "Changed attribute for hyperlink element (Part 1, §18.3.1.47)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Relationship Id in this sheet's relationships part, expressing the target location of the resource. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

137. §10.8.11, "Changed attribute for objectPr element (Part 1, §18.3.1.56)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship ID to Embedded Object Data) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship that targets the Embedded Object Part containing the embedded object data. The specified relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/oleObject or the document shall be considered non-conformant. [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId1" />` The markup specifies the associated relationship part with relationship ID `rId1` targets the part containing the corresponding embedded object information. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

138. §10.8.12, "Changed attribute for oleObject element (Part 1, §18.3.1.59)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Relationship Id of the relationship pointing to the object persistence part. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

139. §10.8.13, "Changed attribute for pageSetup element (Part 1, §18.3.1.63)", new subclause

[DR 08-0012]

Attributes	Description
id (Id) Namespace: .../officeDocument/2006/relationships	Relationship Id of the devMode printer settings part. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

140. §10.8.14, "Changed attribute for pageSetup element (Part 1, §18.3.1.64)", new subclause

[DR 08-0012]

Attributes	Description
id (Id) Namespace: .../officeDocument/2006/relationships	Relationship Id of the devMode printer settings part. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

141. §10.8.15, "Changed attribute for picture element (Part 1, §18.3.1.67)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Relationship Id pointing to the image part. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

142. §10.8.16, "Changed attribute for pivotSelection element (Part 1, §18.3.1.69)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Relationship Id pointing to the particular PivotTable Part corresponding to this selection. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

143. §10.8.17, "Changed attribute for tablePart element (Part 1, §18.3.1.94)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	This relationship Id is used to locate a particular table definition part. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

144. §10.8.18, "Changed attribute for pivotCacheDefinition element (Part 1, §18.10.1.67)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the unique identifier that corresponds to the related `pivotCacheRecords` part. See (Part 1, §18.10.1.68) for more information. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

145. §10.8.19, "Changed attribute for rangeSet element (Part 1, §18.10.1.79)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Specifies the unique identifier of the Workbook part where the range set is stored. See Workbook (Part 1, §18.2) for more information. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

146. §10.8.20, "Changed attribute for worksheetSource element (Part 1, §18.10.1.95)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Id) Namespace: .../officeDocument/2006/relationships	Specifies the identifier to the Sheet part whose data is stored in the cache. See the Sheet section (Part 1, §18.2) for more information. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

147. §10.8.21, "Changed attribute for header element (Part 1, §18.11.1.1)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument/2006/relationships	This is the ID that is used to find the corresponding log record of the changes made for this header. Use the corresponding relationship expressed in the revisionHeaders part to locate the log record that lists the specific changes. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

148. §10.8.22, "Changed attribute for externalBook element (Part 1, §18.14.7)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship to supporting book file path) Namespace: .../officeDocument/2006/relationships	Relationship ID that references a link in the relationships collection. The target attribute in the associated relationship will specify the worksheet XML file in the current SpreadsheetML document ZIP archive that makes use of this externalbook. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

149. §10.8.23, "Changed attribute for oleLink element (Part 1, §18.14.11)", new subclause

[DR 08-0012]

Attributes	Description
id (Object Link Relationship) Namespace: .../officeDocument/2006/relationships	Relationship ID that references a link in the relationships collection. The target attribute in the associated relationship will specify the external file name used for this oleLink. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

150. §11.5, "Changed attributes", new subclause

[DR 08-0012]

The following attributes, which are defined in subclauses within Part 1, §19, "PresentationML", have different source relationships when used in documents of the Transitional conformance class:

151. §11.5.1, "Changed attribute for bold element (Part 1, §19.2.1.1)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location of this embedded font that is referenced in a presentation. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

152. §11.5.2, "Changed attribute for boldItalic element (Part 1, §19.2.1.2)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location of this embedded font that is referenced in a presentation. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

153. §11.5.3, "Changed attribute for font element (Part 1, §19.2.1.13)", new subclause

[DR 08-0012]

Attributes	Description

<table>
<tr><th>Attributes</th><th>Description</th></tr>
<tr><td>charset (Similar Character Set)

Namespace: .../drawingml/2006/main</td><td>Specifies the character set that is supported by the parent font. This information can be used in font substitution logic to locate an appropriate substitute font when this font is not available. This information is determined by querying the font when present and shall not be modified when the font is not available.

The value of this attribute shall be interpreted as follows:

<table>
<tr><th>Value</th><th>Description</th></tr>
<tr><td>0x00</td><td>Specifies the ANSI character set. (IANA name iso-8859-1)</td></tr>
<tr><td>0x01</td><td>Specifies the default character set.</td></tr>
<tr><td>0x02</td><td>Specifies the Symbol character set. This value specifies that the characters in the Unicode private use area (U+FF00 to U+FFFF) of the font should be used to display characters in the range U+0000 to U+00FF.</td></tr>
<tr><td>0x4D</td><td>Specifies a Macintosh (Standard Roman) character set. (IANA name macintosh)</td></tr>
<tr><td>0x80</td><td>Specifies the JIS character set. (IANA name shift_jis)</td></tr>
<tr><td>0x81</td><td>Specifies the Hangul character set. (IANA name ks_c_5601-1987)</td></tr>
<tr><td>0x82</td><td>Specifies a Johab character set. (IANA name KS_C-5601-1992)</td></tr>
<tr><td>0x86</td><td>Specifies the GB-2312 character set. (IANA name GBK)</td></tr>
<tr><td>0x88</td><td>Specifies the Chinese Big Five character set. (IANA name Big5)</td></tr>
<tr><td>0xA1</td><td>Specifies a Greek character set. (IANA name windows-1253)</td></tr>
<tr><td>0xA2</td><td>Specifies a Turkish character set. (IANA name iso-8859-9)</td></tr>
<tr><td>0xA3</td><td>Specifies a Vietnamese character set. (IANA name windows-1258)</td></tr>
<tr><td>0xB1</td><td>Specifies a Hebrew character set. (IANA name windows-1255)</td></tr>
<tr><td>0xB2</td><td>Specifies an Arabic character set. (IANA name windows-1256)</td></tr>
<tr><td>0xBA</td><td>Specifies a Baltic character set. (IANA name windows-1257)</td></tr>
<tr><td>0xCC</td><td>Specifies a Russian character set. (IANA name windows-1251)</td></tr>
<tr><td>0xDE</td><td>Specifies a Thai character set. (IANA name windows-874)</td></tr>
<tr><td>0xEE</td><td>Specifies an Eastern European character set. (IANA name windows-1250)</td></tr>
<tr><td>0xFF</td><td>Specifies an OEM character set not defined by ISO/IEC 29500.</td></tr>
<tr><td>Any other value</td><td>Application-defined, can be ignored.</td></tr>
</table>

The possible values for this attribute are defined by the W3C XML Schema byte datatype.</td></tr>
</table>

<table>
<tr><th>Attributes</th><th>Description</th></tr>
<tr><td>panose (Panose Setting)

Namespace: .../drawingml/2006/main</td><td>Specifies the Panose-1 classification number for the current font using the mechanism defined in §4.2.7.17 of ISO/IEC 14496-22:2007.

The possible values for this attribute are defined by the ST_Panose simple type (Part 1, §22.9.2.8).</td></tr>
<tr><td>pitchFamily (Similar Font Family)

Namespace: .../drawingml/2006/main</td><td>Specifies the font pitch as well as the font family for the corresponding font. Because the value of this attribute is determined by a byte variable this value shall be interpreted as follows:

<table>
<tr><th>Value</th><th>Description</th></tr>
<tr><td>0x00</td><td>DEFAULT PITCH + UNKNOWN FONT FAMILY</td></tr>
<tr><td>0x01</td><td>FIXED PITCH + UNKNOWN FONT FAMILY</td></tr>
<tr><td>0x02</td><td>VARIABLE PITCH + UNKNOWN FONT FAMILY</td></tr>
<tr><td>0x10</td><td>DEFAULT PITCH + ROMAN FONT FAMILY</td></tr>
<tr><td>0x11</td><td>FIXED PITCH + ROMAN FONT FAMILY</td></tr>
<tr><td>0x12</td><td>VARIABLE PITCH + ROMAN FONT FAMILY</td></tr>
<tr><td>0x20</td><td>DEFAULT PITCH + SWISS FONT FAMILY</td></tr>
<tr><td>0x21</td><td>FIXED PITCH + SWISS FONT FAMILY</td></tr>
<tr><td>0x22</td><td>VARIABLE PITCH + SWISS FONT FAMILY</td></tr>
<tr><td>0x30</td><td>DEFAULT PITCH + MODERN FONT FAMILY</td></tr>
<tr><td>0x31</td><td>FIXED PITCH + MODERN FONT FAMILY</td></tr>
<tr><td>0x32</td><td>VARIABLE PITCH + MODERN FONT FAMILY</td></tr>
<tr><td>0x40</td><td>DEFAULT PITCH + SCRIPT FONT FAMILY</td></tr>
<tr><td>0x41</td><td>FIXED PITCH + SCRIPT FONT FAMILY</td></tr>
<tr><td>0x42</td><td>VARIABLE PITCH + SCRIPT FONT FAMILY</td></tr>
<tr><td>0x50</td><td>DEFAULT PITCH + DECORATIVE FONT FAMILY</td></tr>
<tr><td>0x51</td><td>FIXED PITCH + DECORATIVE FONT FAMILY</td></tr>
<tr><td>0x52</td><td>VARIABLE PITCH + DECORATIVE FONT FAMILY</td></tr>
</table>

This information is determined by querying the font when present and shall not be modified when the font is not available. This information can be used in font substitution logic to locate an appropriate substitute font when this font is not available.

The possible values for this attribute are defined by the W3C XML Schema byte datatype.</td></tr>
</table>

Attributes	Description
typeface (Text Typeface) Namespace: .../drawingml/2006/main	Specifies the typeface, or name of the font that is to be used. The typeface is a string name of the specific font that should be used in rendering the presentation. If this font is not available within the font list of the generating application than font substitution logic should be utilized in order to select an alternate font. The possible values for this attribute are defined by the ST_TextTypeface simple type (Part 1, §20.1.10.81).

154. §11.5.4, "Changed attribute for handoutMasterId element (Part 1, §19.2.1.14)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location within a presentation of the handoutMaster element defining this handout master. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

155. §11.5.5, "Changed attribute for italic element (Part 1, §19.2.1.16)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location of this embedded font that is referenced in a presentation. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

156. §11.5.6, "Changed attribute for notesMasterId element (Part 1, §19.2.1.20)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location within a presentation of the notesMaster element defining this notes master. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

157. §11.5.7, "Changed attribute for notesSz element (Part 1, §19.2.1.22)", new subclause

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main	Specifies the length of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `<… cx="1828800" cy="200000"/>` The cx attributes specifies that this object has a height of `1828800` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).
cy (Extent Width) Namespace: .../drawingml/2006/main	Specifies the width of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `< … cx="1828800" cy="200000"/>` The cy attribute specifies that this object has a width of `200000` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).

158. §11.5.8, "Changed attribute for regular element (Part 1, §19.2.1.29)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location of this embedded font that is referenced in a presentation. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

159. §11.5.9, "Changed attribute for sld element (Part 1, §19.2.1.31)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument/2006/relationships	This attribute specifies the relationship id that is used to reference to the actual slide XML file that contains all the information to the slide listed within the slide list. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

160. §11.5.10, "Changed attribute for sldId element (Part 1, §19.2.1.33)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location within a presentation of the sld element defining this slide. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

161. §11.5.11, "Changed attribute for sldMasterId element (Part 1, §19.2.1.36)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location within a presentation of the sldMaster element defining this slide master. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

162. §11.5.12, "Changed attribute for SmartTags element (Part 1, §19.2.1.40)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location of this smart tag. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

163. §11.5.13, "Changed attribute for gridSpacing element (Part 1, §19.2.2.3)", new subclause

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main	Specifies the length of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: <… cx="1828800" cy="200000"/> The cx attributes specifies that this object has a height of 1828800 EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).

Attributes	Description
cy (Extent Width) Namespace: .../drawingml/2006/main	Specifies the width of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `< … cx="1828800" cy="200000"/>` The cy attribute specifies that this object has a width of `200000` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).

164. §11.5.14, "Changed attribute for origin element (Part 1, §19.2.2.9)", new subclause

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16**Error! Reference source not found.**).
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The y attribute defines a y-coordinate of `100`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).

165. §11.5.15, "Changed attribute for sld element (Part 1, §19.2.2.14)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Identifier) Namespace: .../officeDocument/2006/relationships	Specifies the relationship identifier that is used in conjunction with a corresponding relationship file to resolve the location of this presentation slide within a presentation. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

166. §11.5.16, "Changed attribute for bgRef element (Part 1, §19.3.1.3)", new subclause

[DR 08-0012]

Attributes	Description
idx (Style Matrix Index) Namespace: .../drawingml/2006/main	Specifies the style matrix index of the style referred to. The possible values for this attribute are defined by the ST_StyleMatrixColumnIndex simple type (Part 1, §20.1.10.57).

167. §11.5.17, "Changed attribute for blipFill element (Part 1, §19.3.1.4)", new subclause

[DR 08-0012]

Attributes	Description
dpi (DPI Setting) Namespace: .../drawingml/2006/main	Specifies the DPI (dots per inch) used to calculate the size of the blip. If not present or zero, the DPI in the blip is used. [*Note*: This attribute is primarily used to keep track of the picture quality within a document. There are different levels of quality needed for print than on-screen viewing and thus a need to track this information. *end note*] The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.

Attributes	Description
rotWithShape (Rotate With Shape) Namespace: .../drawingml/2006/main	Specifies that the fill should rotate with the shape. That is, when the shape that has been filled with a picture and the containing shape (say a rectangle) is transformed with a rotation then the fill is transformed with the same rotation. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

168. §11.5.18, "Changed attribute for clrMap element (Part 1, §19.3.1.6)", new subclause

[DR 08-0012]

Attributes	Description
accent1 (Accent 1) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the accent 1 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent2 (Accent 2) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the accent 2 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent3 (Accent 3) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the accent 3 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent4 (Accent 4) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the accent 4 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent5 (Accent 5) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the accent 5 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent6 (Accent 6) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the accent 6 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).

Attributes	Description
bg1 (Background 1) Namespace: .../drawingml/2006/main	A color defined which is associated as the first background color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
bg2 (Background 2) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the second background color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
folHlink (Followed Hyperlink) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the color for a followed hyperlink. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
hlink (Hyperlink) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the color for a hyperlink. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
tx1 (Text 1) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the first text color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
tx2 (Text 2) Namespace: .../drawingml/2006/main	Specifies a color defined which is associated as the second text color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).

169. §11.5.19, "Changed attribute for cNvPicPr element (Part 1, §19.3.1.11)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: .../drawingml/2006/main	Specifies if the user interface should show the resizing of the picture based on the picture's current size or its original size. If this attribute is set to true, then scaling is relative to the original picture size as opposed to the current picture size. [*Example*: Consider the case where a picture has been resized within a document and is now 50% of the originally inserted picture size. Now if the user chooses to make a later adjustment to the size of this picture within the generating application, then the value of this attribute should be checked. If this attribute is set to true then a value of 50% is shown. Similarly, if this attribute is set to false, then a value of 100% should be shown because the picture has not yet been resized from its current (smaller) size. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

170. §11.5.20, "Changed attribute for cNvPr element (Part 1, §19.3.1.12)", new subclause

[DR 08-0012]

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main	Specifies alternative text for the current DrawingML object, for use by assistive technologies or applications that do not display the current object. If this element is omitted, then no alternative text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… descr="A picture of a bowl of fruit">` The descr attribute contains alternative text that can be used in place of the actual DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

Attributes	Description
hidden (Hidden) Namespace: .../drawingml/2006/main	Specifies whether this DrawingML object is displayed. When a DrawingML object is displayed within a document, that object can be hidden (i.e., present, but not visible). This attribute determines whether the object is rendered or made hidden. [*Note*: An application can have settings which allow this object to be viewed. *end note*] If this attribute is omitted, then the parent DrawingML object shall be displayed (i.e., not hidden). [*Example*: Consider an inline DrawingML object that must be hidden within the document's content. This setting would be specified as follows: `<… hidden="true" />` The hidden attribute has a value of `true`, which specifies that the DrawingML object is hidden and not displayed when the document is displayed. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
id (Unique Identifier) Namespace: .../drawingml/2006/main	Specifies a unique identifier for the current DrawingML object within the current document. This ID can be used to assist in uniquely identifying this object so that it can be referred to by other parts of the document. If multiple objects within the same document share the same id attribute value, then the document shall be considered non-conformant. [*Example*: Consider a DrawingML object defined as follows: `<… id="10" … >` The id attribute has a value of `10`, which is the unique identifier for this DrawingML object. *end example*] The possible values for this attribute are defined by the ST_DrawingElementId simple type (Part 1, §20.1.10.21).

Attributes	Description
name (Name) Namespace: .../drawingml/2006/main	Specifies the name of the object. [*Note*: Typically, this is used to store the original file name of a picture object. *end note*] [*Example*: Consider a DrawingML object defined as follows: `< … name="foo.jpg" >` The name attribute has a value of `foo.jpg`, which is the name of this DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
title (Title) Namespace: .../drawingml/2006/main	Specifies the title (caption) of the current DrawingML object. If this attribute is omitted, then no title text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… title="Process Flow Diagram">` *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

171. §11.5.21, "Changed attribute for cNvSpPr element (Part 1, §19.3.1.13)", new subclause

[DR 08-0012]

Attributes	Description
txBox (Text Box) Namespace: .../drawingml/2006/main	Specifies that the corresponding shape is a text box and thus should be treated as such by the generating application. If this attribute is omitted then it is assumed that the corresponding shape is not specifically a text box. [*Note*: Because a shape is not specified to be a text box does not mean that it cannot have text attached to it. A text box is merely a specialized shape with specific properties. *end note*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

172. §11.5.22, "Changed attribute for contentPart element (Part 1, §19.3.1.14)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID to a content part. [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId1" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

173. §11.5.23, "Changed attribute for custData element (Part 1, §19.3.1.17)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument/2006/relationships	This attribute specifies the relationship id for referencing other resources outside the scope of the current PresentationML file. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

174. §11.5.24, "Changed attribute for grpSpPr element (Part 1, §19.3.1.23)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the group shape should be rendered using only black and white coloring. That is the coloring information for the group shape should be converted to either black or white when rendering the corresponding shapes. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the group shapes themselves are stored with only black and white color information. This attribute instead sets the rendering mode that the shapes use when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

175. §11.5.25, "Changed attribute for sldLayoutId element (Part 1, §19.3.1.40)", new subclause

[DR 08-0012]

Attributes	Description
id (ID Tag) Namespace: .../officeDocument/2006/relationships	Specifies the relationship id value that the generating application can use to resolve which slide layout is used in the creation of the slide. This relationship id is used within the relationship file for the master slide to expose the location of the corresponding layout file within the presentation. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

176. §11.5.26, "Changed attribute for spPr element (Part 1, §19.3.1.44)", new subclause

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the picture should be rendered using only black and white coloring. That is the coloring information for the picture should be converted to either black or white when rendering the picture. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the picture itself that is stored within the file is necessarily a black and white picture. This attribute instead sets the rendering mode that the picture has applied to when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

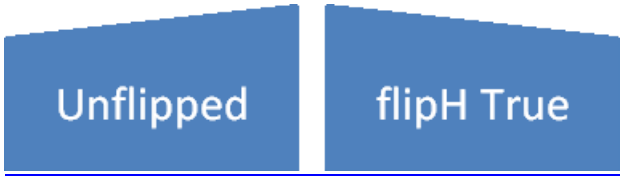
177. §11.5.27, "Changed attribute for tags element (Part 1, §19.3.1.47)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument/2006/relationships	This attribute specifies the relationship identifier for the customer data tag. This allows for a link to a resource that is external from the current XML document but still contained within the presentation document. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

178. §11.5.28, "Changed attribute for xfrm element (Part 1, §19.3.1.53)", new subclause

[DR 08-0012]

Attributes	Description
flipH (Horizontal Flip) Namespace: .../drawingml/2006/main	Specifies a horizontal flip. When true, this attribute defines that the shape is flipped horizontally about the center of its bounding box. [*Example*: The following illustrates the effect of a horizontal flip.  *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

Attributes	Description
flipV (Vertical Flip) Namespace: .../drawingml/2006/main	Specifies a vertical flip. When true, this attribute defines that the group is flipped vertically about the center of its bounding box. [*Example*: The following illustrates the effect of a vertical flip.  *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
rot (Rotation) Namespace: .../drawingml/2006/main	Specifies the rotation of the Graphic Frame. The units for which this attribute is specified in reside within the simple type definition referenced below. The possible values for this attribute are defined by the ST_Angle simple type (Part 1, §20.1.10.3).

179. §11.5.29, "Changed attribute for control element (Part 1, §19.3.2.1)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the relationship id that is used to identify this Embedded object from within a slide. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

180. §11.5.30, "Changed attribute for oleObj element (Part 1, §19.3.2.4)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the relationship id that is used to identify this Embedded object from within a slide. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

181. §11.5.31, "Changed attribute for pos element (Part 1, §19.4.5)", new subclause

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<... x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<... x="0" y="100" />` The y attribute defines a y-coordinate of `100`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).

182. §11.5.32, "Changed attribute for snd element (Part 1, §19.5.68)", new subclause

[DR 08-0012]

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the identification information for an embedded audio file. This attribute is used to specify the location of an object that resides locally within the file. [*Note*: A list of suggested audio types is provided in Part 1, §15.2.2. *end note*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

Attributes	Description
name (Sound Name) Namespace: .../drawingml/2006/main	Specifies the original name or given short name for the corresponding sound. This is used to distinguish this sound from others by providing a human readable name for the attached sound should the user need to identify the sound among others within the UI. The possible values for this attribute are defined by the W3C XML Schema string datatype.

183. §11.5.33, "Changed attribute for sndTgt element (Part 1, §19.5.70)", new subclause

[DR 08-0012]

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the identification information for an embedded audio file. This attribute is used to specify the location of an object that resides locally within the file. [*Note*: A list of suggested audio types is provided in Part 1, §15.2.2. *end note*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).
name (Sound Name) Namespace: .../drawingml/2006/main	Specifies the original name or given short name for the corresponding sound. This is used to distinguish this sound from others by providing a human readable name for the attached sound should the user need to identify the sound among others within the UI. The possible values for this attribute are defined by the W3C XML Schema string datatype.

184. §12.1.2.2, "Additional member types for the union in ST_Percentage (Part 1, §20.1.10.40)", pp. 199–200

[DR 08-0001]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_PercentageDecimal simple type (~~Part 1, §20.1.10.41~~Part 4, §12.1.2.12).

185. §12.1.2.12, "ST_PercentageDecimal (Percentage as Decimal Number)", new subclause

[DR 08-0001]

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 (Part 1, §20.1.10.40)

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

186. §12.1.2.13, "Additional member types for the union in ST_PrSetCustVal (Part 1, §21.4.7.66)", new subclause

[DR 08-0004]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The W3C XML Schema int datatype.

187. §12.1.2.14, "ST_TextBulletSizeDecimal (Bullet Size Percentage)", new subclause

[DR 08-0007]

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

This simple type's contents are a restriction of the ST_PercentageDecimal datatype (Part 4, §12.1.2.12).

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.

Referenced By
ST_TextBulletSize (Part 1, §20.1.10.86)

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

188. §12.1.2.15, "Additional member types for the union in ST_TextBulletSize (Part 1, §20.1.10.86)", new subclause

[DR 08-0007]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_TextBulletSizeDecimal simple type (Part 4, §12.1.2.14).

189. §12.3, "Changed attributes", new subclause

[DR 08-0012]

The following attributes, which are defined in subclauses within Part 1, §20, "DrawingML - Framework Reference Material", have different source relationships when used in documents of the Transitional conformance class:

190. §12.3.1, "Changed attribute for hlinkHover element (Part 1, §20.1.2.2.23)", new subclause

[DR 08-0012]

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: .../officeDocument/2006/relationships	Specifies the relationship id that when looked up in this slides relationship file contains the target of this hyperlink. This attribute cannot be omitted. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

191. §12.3.2, "Changed attribute for snd element (Part 1, §20.1.2.2.32)", new subclause

[DR 08-0012]

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the identification information for an embedded audio file. This attribute is used to specify the location of an object that resides locally within the file. [*Note*: A list of suggested audio types is provided in Part 1, §15.2.2. *end note*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

192. §12.3.3, "Changed attribute for audioFile element (Part 1, §20.1.3.2)", new subclause

[DR 08-0012]

Attributes	Description
link (Linked Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the identification information for a linked object. This attribute is used to specify the location of an object that does not reside within this file. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

193. §12.3.4, "Changed attribute for quickTimeFile element (Part 1, §20.1.3.4)", new subclause

[DR 08-0012]

Attributes	Description
link (Linked Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the identification information for a linked object. This attribute is used to specify the location of an object that does not reside within this file. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

194. §12.3.5, "Changed attribute for videoFile element (Part 1, §20.1.3.6)", new subclause

[DR 08-0012]

Attributes	Description
link (Linked Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the identification information for a linked video file. This attribute is used to specify the location of an object that does not reside within this file. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

195. §12.3.6 "Changed attribute for Audio from WAV File element (Part 1, §20.1.3.7)", new subclause

[DR 08-0012]

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: .../officeDocument/2006/relationships	Specifies the identification information for an embedded audio file. This attribute is used to specify the location of an object that resides locally within the file. [*Note*: A list of suggested audio types is provided in Part 1, §15.2.2. *end note*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

196. §12.3.7, "Changed attribute for blip element (Part 1, §20.1.8.13)", new subclause

[DR 08-0012]

Attributes	Description
embed (Embedded Picture Reference) Namespace:	Specifies the identification information for an embedded picture. This attribute is used to specify an image that resides locally within the file. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).
link (Linked Picture Reference) Namespace: .../officeDocument/2006/relationships	Specifies the identification information for a linked picture. This attribute is used to specify an image that does not reside within this file. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

197. §12.3.8, "Changed attribute for blipFill element (Part 1, §20.2.2.1)", new subclause

[DR 08-0012]

Attributes	Description
dpi (DPI Setting) Namespace: .../drawingml/2006/main	Specifies the DPI (dots per inch) used to calculate the size of the blip. If not present or zero, the DPI in the blip is used. [*Note*: This attribute is primarily used to keep track of the picture quality within a document. There are different levels of quality needed for print than on-screen viewing and thus a need to track this information. *end note*] The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.

Attributes	Description
rotWithShape (Rotate With Shape) Namespace: .../drawingml/2006/main	Specifies that the fill should rotate with the shape. That is, when the shape that has been filled with a picture and the containing shape (say a rectangle) is transformed with a rotation then the fill is transformed with the same rotation. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

198. §12.3.9, "Changed attribute for cNvPicPr element (Part 1, §20.2.2.2)", new subclause

[DR 08-0012]

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: .../drawingml/2006/main	Specifies if the user interface should show the resizing of the picture based on the picture's current size or its original size. If this attribute is set to true, then scaling is relative to the original picture size as opposed to the current picture size. [*Example*: Consider the case where a picture has been resized within a document and is now 50% of the originally inserted picture size. Now if the user chooses to make a later adjustment to the size of this picture within the generating application, then the value of this attribute should be checked. If this attribute is set to true then a value of 50% is shown. Similarly, if this attribute is set to false, then a value of 100% should be shown because the picture has not yet been resized from its current (smaller) size. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

199. §12.3.10, "Changed attribute for cNvPr element (Part 1, §20.2.2.3)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main	Specifies alternative text for the current DrawingML object, for use by assistive technologies or applications that do not display the current object. If this element is omitted, then no alternative text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<... descr="A picture of a bowl of fruit">` The descr attribute contains alternative text that can be used in place of the actual DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
hidden (Hidden) Namespace: .../drawingml/2006/main	Specifies whether this DrawingML object is displayed. When a DrawingML object is displayed within a document, that object can be hidden (i.e., present, but not visible). This attribute determines whether the object is rendered or made hidden. [*Note*: An application can have settings that allow this object to be viewed. *end note*] If this attribute is omitted, then the parent DrawingML object shall be displayed (i.e., not hidden). [*Example*: Consider an inline DrawingML object that must be hidden within the document's content. This setting would be specified as follows: `<... hidden="true" />` The hidden attribute has a value of `true`, which specifies that the DrawingML object is hidden and not displayed when the document is displayed. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

Attributes	Description
id (Unique Identifier) Namespace: .../drawingml/2006/main	Specifies a unique identifier for the current DrawingML object within the current document. This ID can be used to assist in uniquely identifying this object so that it can be referred to by other parts of the document. If multiple objects within the same document share the same id attribute value, then the document shall be considered non-conformant. [*Example*: Consider a DrawingML object defined as follows: `<… id="10" … >` The id attribute has a value of `10`, which is the unique identifier for this DrawingML object. *end example*] The possible values for this attribute are defined by the ST_DrawingElementId simple type (Part 1, §20.1.10.21).
name (Name) Namespace: .../drawingml/2006/main	Specifies the name of the object. [*Note*: Typically, this is used to store the original file name of a picture object. *end note*] [*Example*: Consider a DrawingML object defined as follows: `< … name="foo.jpg" >` The name attribute has a value of `foo.jpg`, which is the name of this DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
title (Title) Namespace: .../drawingml/2006/main	Specifies the title (caption) of the current DrawingML object. If this attribute is omitted, then no title text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… title="Process Flow Diagram">` *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

200. §12.3.11, "Changed attribute for spPr element (Part 1, §20.2.2.6)", new subclause

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the picture should be rendered using only black and white coloring. That is the coloring information for the picture should be converted to either black or white when rendering the picture. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the picture itself that is stored within the file is necessarily a black and white picture. This attribute instead sets the rendering mode that the picture has applied to when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

201. §12.3.12, "Changed attribute for docPr element (Part 1, §20.4.2.5)", new subclause

[DR 08-0012]

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main	Specifies alternative text for the current DrawingML object, for use by assistive technologies or applications that do not display the current object. If this element is omitted, then no alternative text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… descr="A picture of a bowl of fruit">` The descr attribute contains alternative text that can be used in place of the actual DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

Attributes	Description
hidden (Hidden) Namespace: .../drawingml/2006/main	Specifies whether this DrawingML object is displayed. When a DrawingML object is displayed within a document, that object can be hidden (i.e., present, but not visible). This attribute determines whether the object is rendered or made hidden. [*Note*: An application can have settings that allow this object to be viewed. *end note*] If this attribute is omitted, then the parent DrawingML object shall be displayed (i.e., not hidden). [*Example*: Consider an inline DrawingML object that must be hidden within the document's content. This setting would be specified as follows: `<… hidden="true" />` The hidden attribute has a value of `true`, which specifies that the DrawingML object is hidden and not displayed when the document is displayed. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
id (Unique Identifier) Namespace: .../drawingml/2006/main	Specifies a unique identifier for the current DrawingML object within the current document. This ID can be used to assist in uniquely identifying this object so that it can be referred to by other parts of the document. If multiple objects within the same document share the same id attribute value, then the document shall be considered non-conformant. [*Example*: Consider a DrawingML object defined as follows: `<… id="10" … >` The id attribute has a value of `10`, which is the unique identifier for this DrawingML object. *end example*] The possible values for this attribute are defined by the ST_DrawingElementId simple type (Part 1, §20.1.10.21).

Attributes	Description
name (Name) Namespace: .../drawingml/2006/main	Specifies the name of the object. [*Note*: Typically, this is used to store the original file name of a picture object. *end note*] [*Example*: Consider a DrawingML object defined as follows: `< … name="foo.jpg" >` The name attribute has a value of `foo.jpg`, which is the name of this DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
title (Title) Namespace: .../drawingml/2006/main	Specifies the title (caption) of the current DrawingML object. If this attribute is omitted, then no title text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… title="Process Flow Diagram">` *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

202. §12.3.13, "Changed attribute for extent element (Part 1, §20.4.2.7)", new subclause

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main	Specifies the length of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `<… cx="1828800" cy="200000"/>` The cx attributes specifies that this object has a height of `1828800` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).

Attributes	Description
cy (Extent Width) Namespace: .../drawingml/2006/main	Specifies the width of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `< … cx="1828800" cy="200000"/>` The cy attribute specifies that this object has a width of `200000` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).

203. §12.3.14, "Changed attribute for lineTo element (Part 1, §20.4.2.9)", new subclause

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The y attribute defines a y-coordinate of `100`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).

204. §12.3.15, "Changed attribute for simplePos element (Part 1, §20.4.2.13)", new subclause

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The y attribute defines a y-coordinate of `100`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).

205. §12.3.16, "Changed attribute for start element (Part 1, §20.4.2.14)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The y attribute defines a y-coordinate of `100`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).

206. §12.3.17, "Changed attribute for blipFill element (Part 1, §20.5.2.2)", new subclause

[DR 08-0012]

Attributes	Description
dpi (DPI Setting) Namespace: .../drawingml/2006/main	Specifies the DPI (dots per inch) used to calculate the size of the blip. If not present or zero, the DPI in the blip is used. [*Note*: This attribute is primarily used to keep track of the picture quality within a document. There are different levels of quality needed for print than on-screen viewing and thus a need to track this information. *end note*] The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.

Attributes	Description
rotWithShape (Rotate With Shape) Namespace: .../drawingml/2006/main	Specifies that the fill should rotate with the shape. That is, when the shape that has been filled with a picture and the containing shape (say a rectangle) is transformed with a rotation then the fill is transformed with the same rotation. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

207. §12.3.18, "Changed attribute for cNvPicPr element (Part 1, §20.5.2.7)", new subclause

[DR 08-0012]

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: .../drawingml/2006/main	Specifies if the user interface should show the resizing of the picture based on the picture's current size or its original size. If this attribute is set to true, then scaling is relative to the original picture size as opposed to the current picture size. [*Example*: Consider the case where a picture has been resized within a document and is now 50% of the originally inserted picture size. Now if the user chooses to make a later adjustment to the size of this picture within the generating application, then the value of this attribute should be checked. If this attribute is set to true then a value of 50% is shown. Similarly, if this attribute is set to false, then a value of 100% should be shown because the picture has not yet been resized from its current (smaller) size. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

208. §12.3.19, "Changed attribute for cNvPr element (Part 1, §20.5.2.8)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main	Specifies alternative text for the current DrawingML object, for use by assistive technologies or applications that do not display the current object. If this element is omitted, then no alternative text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<... descr="A picture of a bowl of fruit">` The descr attribute contains alternative text that can be used in place of the actual DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
hidden (Hidden) Namespace: .../drawingml/2006/main	Specifies whether this DrawingML object is displayed. When a DrawingML object is displayed within a document, that object can be hidden (i.e., present, but not visible). This attribute determines whether the object is rendered or made hidden. [*Note*: An application can have settings that allow this object to be viewed. *end note*] If this attribute is omitted, then the parent DrawingML object shall be displayed (i.e., not hidden). [*Example*: Consider an inline DrawingML object that must be hidden within the document's content. This setting would be specified as follows: `<... hidden="true" />` The hidden attribute has a value of `true`, which specifies that the DrawingML object is hidden and not displayed when the document is displayed. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

Attributes	Description
id (Unique Identifier) Namespace: .../drawingml/2006/main	Specifies a unique identifier for the current DrawingML object within the current document. This ID can be used to assist in uniquely identifying this object so that it can be referred to by other parts of the document. If multiple objects within the same document share the same id attribute value, then the document shall be considered non-conformant. [*Example*: Consider a DrawingML object defined as follows: `<… id="10" … >` The id attribute has a value of `10`, which is the unique identifier for this DrawingML object. *end example*] The possible values for this attribute are defined by the ST_DrawingElementId simple type (Part 1, §20.1.10.21).
name (Name) Namespace: .../drawingml/2006/main	Specifies the name of the object. [*Note*: Typically, this is used to store the original file name of a picture object. *end note*] [*Example*: Consider a DrawingML object defined as follows: `< … name="foo.jpg" >` The name attribute has a value of `foo.jpg`, which is the name of this DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
title (Title) Namespace: .../drawingml/2006/main	Specifies the title (caption) of the current DrawingML object. If this attribute is omitted, then no title text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… title="Process Flow Diagram">` *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

209. §12.3.20, "Changed attribute for cNvSpPr element (Part 1, §20.5.2.9)", new subclause

[DR 08-0012]

Attributes	Description
txBox (Text Box) Namespace: .../drawingml/2006/main	Specifies that the corresponding shape is a text box and thus should be treated as such by the generating application. If this attribute is omitted then it is assumed that the corresponding shape is not specifically a text box. [*Note*: Because a shape is not specified to be a text box does not mean that it cannot have text attached to it. A text box is merely a specialized shape with specific properties. *end note*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

210. §12.3.21, "Changed attribute for contentPart element (Part 1, §20.5.2.12)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship to Part) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID to a content part. [*Example*: Consider an XML element that has the following id attribute: `<… r:id="rId1" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

211. §12.3.22, "Changed attribute for extelement (Part 1, §20.5.2.14)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main	Specifies the length of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: <… cx="1828800" cy="200000"/> The cx attributes specifies that this object has a height of 1828800 EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).
cy (Extent Width) Namespace: .../drawingml/2006/main	Specifies the width of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: < … cx="1828800" cy="200000"/> The cy attribute specifies that this object has a width of 200000 EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).

212. §12.3.23, "Changed attribute for grpSpPr element (Part 1, §20.5.2.18)", new subclause

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the group shape should be rendered using only black and white coloring. That is the coloring information for the group shape should be converted to either black or white when rendering the corresponding shapes. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the group shapes themselves are stored with only black and white color information. This attribute instead sets the rendering mode that the shapes use when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

213. §12.3.24, "Changed attribute for pos element (Part 1, §20.5.2.26)", new subclause

[DR 08-0012]

Attributes	Description
x (X-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).
y (Y-Axis Coordinate) Namespace: .../drawingml/2006/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The y attribute defines a y-coordinate of `100`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).

214. §12.3.25, "Changed attribute for spPr element (Part 1, §20.5.2.30)", new subclause

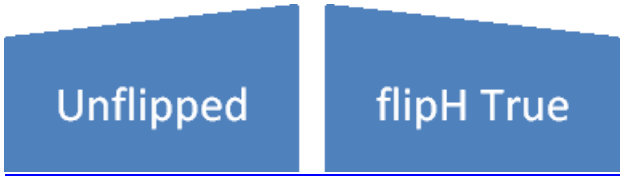
[DR 08-0012]

Attributes	Description

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the picture should be rendered using only black and white coloring. That is the coloring information for the picture should be converted to either black or white when rendering the picture. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the picture itself that is stored within the file is necessarily a black and white picture. This attribute instead sets the rendering mode that the picture has applied to when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

215. §12.3.26, "Changed attribute for xfrm element (Part 1, §20.5.2.36)", new subclause

[DR 08-0012]

Attributes	Description
flipH (Horizontal Flip) Namespace: .../drawingml/2006/main	Specifies a horizontal flip. When true, this attribute defines that the shape is flipped horizontally about the center of its bounding box. [*Example*: The following illustrates the effect of a horizontal flip.  *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

Attributes	Description
flipV (Vertical Flip) Namespace: .../drawingml/2006/main	Specifies a vertical flip. When true, this attribute defines that the group is flipped vertically about the center of its bounding box. [*Example*: The following illustrates the effect of a vertical flip.  *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
rot (Rotation) Namespace: .../drawingml/2006/main	Specifies the rotation of the Graphic Frame. The units for that this attribute is specified in reside within the simple type definition referenced below. The possible values for this attribute are defined by the ST_Angle simple type (Part 1, §20.1.10.3).

216. §13.1.3, "Simple Types", new subclause

[DR 09-0033]

217. §13.1.3.1, "Additional member types for union in ST_DepthPercent", new subclause

[DR 09-0033]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_DepthPercentUShort simple type (§13.1.3.2).

218. §13.1.3.2, "ST_DepthPercentUShort (Depth Percent UnsignedShort) (Part 1, §21.2.3.9)", new subclause

[DR 09-0033]

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

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

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.

Referenced By
ST_DepthPercent (Part 1, §21.2.3.9)

219. §13.1.3.3, "Additional member types for union in ST_HPercent (Part 1, §21.2.3.19)", new subclause

[DR 09-0033]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_HPercentUShort simple type (§13.1.3.4).

220. §13.1.3.4, "ST_HPercentUShort (Depth Percent UnsignedShort)", new subclause

[DR 09-0033]

This simple type specifies that its contents contain a whole number between 5 and 500, whose contents are a percentage.

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

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.

Referenced By
ST_HPercent (Part 1, §21.2.3.19)

221. §13.1.3.5, "Additional member types for union in ST_GapAmount (Part 1, §21.2.3.16)", new subclause

[DR 09-0203]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_GapAmountUShort simple type (§13.1.3.6).

222. §13.1.3.6, "ST_GapAmountUShort (Gap Amount UnsignedShort)", new subclause

[DR 09-0203]

This simple type specifies that its contents contain a whole number between 0 and 500, whose contents are a percentage.

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

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.

Referenced By
ST_GapAmount (Part 1, §21.2.3.16)

223. §13.1.3.7, "Additional member types for union in ST_Perspective (Part 1, §21.2.3.34)", new subclause

[DR 09-0203]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_PerspectiveUByte simple type (§13.1.3.8).

224. §13.1.3.8, "ST_PerspectiveUByte (Perspective UnsignedByte)", new subclause

[DR 09-0203]

This simple type specifies that its contents contain a whole number between 0 and 240, whose contents are a percentage.

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

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.

Referenced By
ST_Perspective (Part 1, §21.2.3.34)

225. §13.1.3.9, "Additional member types for union in ST_SecondPieSize (Part 1, §21.2.3.41)", new subclause

[DR 09-0203]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_SecondPieSizeUShort simple type (§13.1.3.10).

226. §13.1.3.10, "ST_SecondPieSizeUShort (Second Pie Size UnsignedShort)", new subclause

[DR 09-0203]

This simple type specifies that its contents contain a whole number between 5 and 200, whose contents are a percentage.

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

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 200.

Referenced By
ST_SecondPieSize (Part 1, §21.2.3.41)

227. §13.1.3.11, "Additional member types for union in ST_HoleSize (Part 1, §21.2.3.18)", new subclause

[DR 09-0203]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_HoleSizeUByte simple type (§13.1.3.12).

228. §13.1.3.12, "ST_HoleSizeUByte (Hole Size UnsignedByte)", new subclause

[DR 09-0203]

This simple type specifies that its contents contain a whole number between 10 and 90, whose contents are a percentage.

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

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.

Referenced By
ST_HoleSize (Part 1, §21.2.3.18)

229. §13.1.3.13, "Additional member types for union in ST_LblOffset (Part 1, §21.2.3.23)", new subclause

[DR 09-0203]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_LblOffsetUShort simple type (§13.1.3.14).

230. §13.1.3.14, "ST_LblOffsetUShort (Label Offset UnsignedShort)", new subclause

[DR 09-0203]

This simple type specifies that its contents contain a whole number between 0 and 1000, whose contents are a percentage.

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

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.

Referenced By
ST_LblOffset (Part 1, §21.2.3.23)

231. §13.1.3.15, "Additional member types for union in ST_Overlap (Part 1, §21.2.3.31)", new subclause

[DR 09-0203]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_OverlapByte simple type (§13.1.3.16).

232. §13.1.3.16, "ST_OverlapByte (Overlap Byte)", new subclause

[DR 09-0203]

This simple type specifies that its contents contain a whole number between -100 and 100, whose contents are a percentage.

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

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.

Referenced By
ST_Overlap (Part 1, §21.2.3.31)

233. §13.1.3.17, "Additional member types for union in ST_BubbleScale (Part 1, §21.2.3.5)", new subclause

[DR 09-0203]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The ST_BubbleScaleUInt simple type (§13.1.3.18).

234. §13.1.3.18, "ST_BubbleScaleUInt (Bubble Scale UnsignedInt)", new subclause

[DR 09-0203]

This simple type specifies that its contents contain a whole number between 0 and 300, whose contents are a percentage.

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

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.

Referenced By
ST_BubbleScale (Part 1, §21.2.3.5)

235. §13.1.3.19, "Additional member types for union in ST_Thickness (Part 1, §21.2.3.206)", new subclause

[DR 09-0203]

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- The W3C XML Schema unsignedInt datatype.

236. §13.2, "Changed attributes", new subclause

[DR 08-0012]

The following attributes, which are defined in subclauses within Part 1, §21, "DrawingML - Components Reference Material", have different source relationships when used in documents of the Transitional conformance class:

237. §13.2.1, "Changed attribute for hlinkClickelement (Part 1, §21.1.2.3.5)", new subclause

[DR 08-0012]

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: .../officeDocument/2006/relationships	Specifies the relationship id that when looked up in this slides relationship file contains the target of this hyperlink. This attribute cannot be omitted. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

238. §13.2.2, "Changed attribute for hlinkMouseOver element (Part 1, §21.1.2.3.6)", new subclause

[DR 08-0012]

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: .../officeDocument/2006/relationships	Specifies the relationship id that when looked up in this slides relationship file contains the target of this hyperlink. This attribute cannot be omitted. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

239. §13.2.3, "Changed attribute for chart element (Part 1, §21.2.2.26)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship for this Chart or Chart Drawing part. The type of relationship needed is specified by the parent element. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

240. §13.2.4, "Changed attribute for clrMapOvr element (Part 1, §21.2.2.30)", new subclause

[DR 08-0012]

Attributes	Description
accent1 (Accent 1) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the accent 1 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent2 (Accent 2) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the accent 2 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent3 (Accent 3) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the accent 3 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent4 (Accent 4) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the accent 4 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
accent5 (Accent 5) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the accent 5 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).

Attributes	Description
accent6 (Accent 6) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the accent 6 color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
bg1 (Background 1) Namespace: .../drawingml/2006/main	A color defined that is associated as the first background color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
bg2 (Background 2) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the second background color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
folHlink (Followed Hyperlink) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the color for a followed hyperlink. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
hlink (Hyperlink) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the color for a hyperlink. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
tx1 (Text 1) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the first text color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).
tx2 (Text 2) Namespace: .../drawingml/2006/main	Specifies a color defined that is associated as the second text color. The possible values for this attribute are defined by the ST_ColorSchemeIndex simple type (Part 1, §20.1.10.14).

241. §13.2.5, "Changed attribute for externalData element (Part 1, §21.2.2.63)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
id (Relationship Reference) Namespace: .../officeDocument/2006/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 . The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

242. §13.2.6, "Changed attribute for spPr element (Part 1, §21.2.2.197)", new subclause

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the picture should be rendered using only black and white coloring. That is the coloring information for the picture should be converted to either black or white when rendering the picture. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the picture itself that is stored within the file is necessarily a black and white picture. This attribute instead sets the rendering mode that the picture has applied to when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

243. §13.2.7, "Changed attribute for userShapes element (Part 1, §21.2.2.221)", new subclause

[DR 08-0012]

Attributes	Description
id (Relationship Reference) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the relationship for this Chart or Chart Drawing part. The type of relationship needed is specified by the parent element. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

244. §13.2.8, "Changed attribute for blipFill element (Part 1, §21.3.2.2)", new subclause

[DR 08-0012]

Attributes	Description
dpi (DPI Setting) Namespace: .../drawingml/2006/main	Specifies the DPI (dots per inch) used to calculate the size of the blip. If not present or zero, the DPI in the blip is used. [*Note*: This attribute is primarily used to keep track of the picture quality within a document. There are different levels of quality needed for print than on-screen viewing and thus a need to track this information. *end note*] The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.
rotWithShape (Rotate With Shape) Namespace: .../drawingml/2006/main	Specifies that the fill should rotate with the shape. That is, when the shape that has been filled with a picture and the containing shape (say a rectangle) is transformed with a rotation then the fill is transformed with the same rotation. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

245. §13.2.9, "Changed attribute for cNvPicPr element (Part 1, §21.3.2.6)", new subclause

[DR 08-0012]

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: .../drawingml/2006/main	Specifies if the user interface should show the resizing of the picture based on the picture's current size or its original size. If this attribute is set to true, then scaling is relative to the original picture size as opposed to the current picture size. [*Example*: Consider the case where a picture has been resized within a document and is now 50% of the originally inserted picture size. Now if the user chooses to make a later adjustment to the size of this picture within the generating application, then the value of this attribute should be checked. If this attribute is set to true then a value of 50% is shown. Similarly, if this attribute is set to false, then a value of 100% should be shown because the picture has not yet been resized from its current (smaller) size. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

246. §13.2.10, "Changed attribute for cNvPr element (Part 1, §21.3.2.7)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
descr (Alternative Text for Object) Namespace: .../drawingml/2006/main	Specifies alternative text for the current DrawingML object, for use by assistive technologies or applications that do not display the current object. If this element is omitted, then no alternative text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… descr="A picture of a bowl of fruit">` The descr attribute contains alternative text that can be used in place of the actual DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
hidden (Hidden) Namespace: .../drawingml/2006/main	Specifies whether this DrawingML object is displayed. When a DrawingML object is displayed within a document, that object can be hidden (i.e., present, but not visible). This attribute determines whether the object is rendered or made hidden. [*Note*: An application can have settings that allow this object to be viewed. *end note*] If this attribute is omitted, then the parent DrawingML object shall be displayed (i.e., not hidden). [*Example*: Consider an inline DrawingML object that must be hidden within the document's content. This setting would be specified as follows: `<… hidden="true" />` The hidden attribute has a value of `true`, which specifies that the DrawingML object is hidden and not displayed when the document is displayed. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

Attributes	Description
id (Unique Identifier) Namespace: .../drawingml/2006/main	Specifies a unique identifier for the current DrawingML object within the current document. This ID can be used to assist in uniquely identifying this object so that it can be referred to by other parts of the document. If multiple objects within the same document share the same id attribute value, then the document shall be considered non-conformant. [*Example*: Consider a DrawingML object defined as follows: `<… id="10" … >` The id attribute has a value of `10`, which is the unique identifier for this DrawingML object. *end example*] The possible values for this attribute are defined by the ST_DrawingElementId simple type (Part 1, §20.1.10.21).
name (Name) Namespace: .../drawingml/2006/main	Specifies the name of the object. [*Note*: Typically, this is used to store the original file name of a picture object. *end note*] [*Example*: Consider a DrawingML object defined as follows: `< … name="foo.jpg" >` The name attribute has a value of `foo.jpg`, which is the name of this DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
title (Title) Namespace: .../drawingml/2006/main	Specifies the title (caption) of the current DrawingML object. If this attribute is omitted, then no title text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… title="Process Flow Diagram">` *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

247. §13.2.11, "Changed attribute for cNvSpPr element (Part 1, §21.3.2.8)", new subclause

[DR 08-0012]

Attributes	Description
txBox (Text Box) Namespace: .../drawingml/2006/main	Specifies that the corresponding shape is a text box and thus should be treated as such by the generating application. If this attribute is omitted then it is assumed that the corresponding shape is not specifically a text box. [*Note*: Because a shape is not specified to be a text box does not mean that it cannot have text attached to it. A text box is merely a specialized shape with specific properties. *end note*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

248. §13.2.12, "Changed attribute for ext element (Part 1, §21.3.2.10)", new subclause

[DR 08-0012]

Attributes	Description
cx (Extent Length) Namespace: .../drawingml/2006/main	Specifies the length of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `<… cx="1828800" cy="200000"/>` The cx attributes specifies that this object has a height of `1828800` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).
cy (Extent Width) Namespace: .../drawingml/2006/main	Specifies the width of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `< … cx="1828800" cy="200000"/>` The cy attribute specifies that this object has a width of `200000` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).

249. §13.2.13, "Changed attribute for grpSpPr element (Part 1, §21.3.2.14)", new subclause

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the group shape should be rendered using only black and white coloring. That is the coloring information for the group shape should be converted to either black or white when rendering the corresponding shapes. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the group shapes themselves are stored with only black and white color information. This attribute instead sets the rendering mode that the shapes use when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

250. §13.2.14, "Changed attribute for SpPr element (Part 1, §21.3.2.23)", new subclause

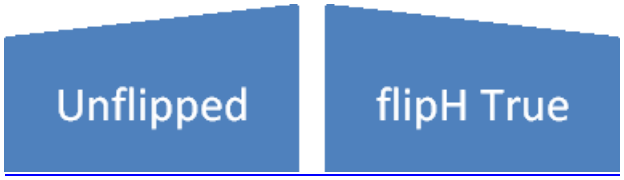
[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the picture should be rendered using only black and white coloring. That is the coloring information for the picture should be converted to either black or white when rendering the picture. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the picture itself that is stored within the file is necessarily a black and white picture. This attribute instead sets the rendering mode that the picture has applied to when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

251. §13.2.15, "Changed attribute for xfrm element (Part 1, §21.3.2.28)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
flipH (Horizontal Flip) Namespace: .../drawingml/2006/main	Specifies a horizontal flip. When true, this attribute defines that the shape is flipped horizontally about the center of its bounding box. [*Example*: The following illustrates the effect of a horizontal flip.  *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
flipV (Vertical Flip) Namespace: .../drawingml/2006/main	Specifies a vertical flip. When true, this attribute defines that the group is flipped vertically about the center of its bounding box. [*Example*: The following illustrates the effect of a vertical flip.  *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
rot (Rotation) Namespace: .../drawingml/2006/main	Specifies the rotation of the Graphic Frame. The units for which this attribute is specified in reside within the simple type definition referenced below. The possible values for this attribute are defined by the ST_Angle simple type (Part 1, §20.1.10.3).

252. §13.2.16, "Changed attribute for relIds element (Part 1, §21.4.2.22)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
cs (Explicit Relationship to Diagram Colors Part) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the explicit relationship to the Diagram Colors part used by this diagram. This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramColors or the document shall be considered non-conformant. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).
dm (Explicit Relationship to Diagram Data Part) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the explicit relationship to the Diagram Data part used by this diagram. This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramData or the document shall be considered non-conformant. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).
lo (Explicit Relationship to Diagram Layout Definition Part) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the explicit relationship to the Diagram Layout Definition part used by this diagram. This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramLayout or the document shall be considered non-conformant. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).
qs (Explicit Relationship to Style Definition Part) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID for the explicit relationship to the Diagram Style part used by this diagram. This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/diagramQuickStyle or the document shall be considered non-conformant. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

253. §13.2.17, "Changed attribute for shape element (Part 1, §21.4.2.27)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
blip (Relationship to Image Part) Namespace: .../officeDocument/2006/relationships	Specifies the relationship ID of the explicit relationship to an image that shall be used as the image for the contents of this shape. This relationship shall be of type http://schemas.openxmlformats.org/officeDocument/2006/relationships/image or the document shall be considered non-conformant. The possible values for this attribute are defined by the ST_RelationshipId simple type (Part 1, §22.8.2.1).

254. §13.2.18, "Changed attribute for spPr element (Part 1, §21.4.3.7)", new subclause

[DR 08-0012]

Attributes	Description
bwMode (Black and White Mode) Namespace: .../drawingml/2006/main	Specifies that the picture should be rendered using only black and white coloring. That is the coloring information for the picture should be converted to either black or white when rendering the picture. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the picture itself that is stored within the file is necessarily a black and white picture. This attribute instead sets the rendering mode that the picture has applied to when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (Part 1, §20.1.10.10).

255. §13.2.19, "Changed attribute for sp3d element (Part 1, §21.4.5.6)", new subclause

[DR 08-0012]

Attributes	Description

Attributes	Description
contourW (Contour Width) Namespace: .../drawingml/2006/main	Defines the width of the contour on the shape. [*Example*: Consider the following example of a contourW in use within the sp3d element: `<a:sp3d extrusionH="165100" contourW="50800" prstMaterial="plastic"> <a:bevelT w="254000" h="254000"/> <a:bevelB w="254000" h="254000"/> <a:extrusionClr> <a:srgbClr val="FF0000"/> </a:extrusionClr> <a:contourClr> <a:schemeClr val="accent3"/> </a:contourClr> </a:sp3d>` In this example, we see a countourW defined as `50800`. *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).
extrusionH (Extrusion Height) Namespace: .../drawingml/2006/main	Defines the height of the extrusion applied to the shape. [*Example*: Consider the following example of an extrusionH in use within the sp3d element: `<a:sp3d extrusionH="165100" contourW="50800" prstMaterial="plastic"> <a:bevelT w="254000" h="254000"/> <a:bevelB w="254000" h="254000"/> <a:extrusionClr> <a:srgbClr val="FF0000"/> </a:extrusionClr> <a:contourClr> <a:schemeClr val="accent3"/> </a:contourClr> </a:sp3d>` In this example, we see a extrusionH defined as `165100`. *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (Part 1, §20.1.10.42).

Attributes	Description
prstMaterial (Preset Material Type) Namespace: .../drawingml/2006/main	Defines the preset material that is combined with the lighting properties to give the final look and feel of a shape. [*Example*: Consider the following example of a prstMaterial in use within the sp3d element: `<a:sp3d extrusionH="165100" contourW="50800" prstMaterial="plastic"> <a:bevelT w="254000" h="254000"/> <a:bevelB w="254000" h="254000"/> <a:extrusionClr> <a:srgbClr val="FF0000"/> </a:extrusionClr> <a:contourClr> <a:schemeClr val="accent3"/> </a:contourClr> </a:sp3d>` In this example, we see a prstMaterial defined as `plastic`. *end example*] The possible values for this attribute are defined by the ST_PresetMaterialType simple type (Part 1, §20.1.10.50).
z (Shape Depth) Namespace: .../drawingml/2006/main	Defines the z coordinate for the 3D shape. The possible values for this attribute are defined by the ST_Coordinate simple type (Part 1, §20.1.10.16).

256. §15.2, "Extended Properties (Part 1, §22.2)", new subclause

[DR 08-0012]

When used in a document of the Transitional conformance class, extended properties are stored within an Extended File Properties part with a source relationship of http://schemas.openxmlformats.org/officeDocument/2006/relationships/extended-properties.

257. §15.3, "Custom Properties (Part 1, §22.3)", new subclause

[DR 08-0012]

When used in a document of the Transitional conformance class, custom properties are stored within a Custom File Properties part with a source relationship of http://schemas.openxmlformats.org/officeDocument/2006/relationships/custom-properties.

258. §15.4, "Changed attributes", new subclause

[DR 08-0012]

The following attributes, which are defined in subclauses within Part 1, §22, "Shared MLs Reference Material", have different source relationships when used in documents of the Transitional conformance class:

§15.4.1, "Changed attribute for sources element (Part 1, §22.6.2.60)", new subclause

[DR 08-0012]

Attributes	Description
SelectedStyle (Selected Style)	Specifies the filename of a file which can be used to format the bibliographies and citations within this document. If this file is of an unknown form or cannot be located, then the other attributes on this element can be used to determine the format to use. [*Example*: `<b:Sources SelectedStyle="\APA.XSL" StyleName="APA" URI="http://schemas.openxmlformats.org/bibliographicStyle/APA">` *end example*] The possible values for this attribute are defined by the ST_String simple type (Part 1, §22.9.2.13).

259. §A.1, "WordprocessingML", p. 813, lines 112–117

[DR 09-0202]

```
   <xsd:simpleType name="ST_TextScale">
      <xsd:union memberTypes="ST_TextScalePercent ST_TextScaleDecimal"/>
      <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>
   <xsd:simpleType name="ST_TextScaleDecimal">
      <xsd:restriction base="xsd:integer">
         <xsd:minInclusive value="0"/>
         <xsd:maxInclusive value="600"/>
      </xsd:restriction>
   </xsd:simpleType>
```

260. §A.1, "WordprocessingML", p. 853, lines 2214–2217

[DR 09-0246]

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

261. §A.1, "WordprocessingML", p. 860, lines 2587–2593

[DR 09-0008]

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

262. §A.2, "SpreadsheetML", p. 951, lines 3820–3839

[DR 09-0052]

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

263. §A.2, "SpreadsheetML", new type

[DR 09-0052]

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

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

264. §A.3, "PresentationML", p. 978, lines 768–773

[DR 09-0241]

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

265. §A.3, "PresentationML", p. 980, lines 850–858

[DR 09-0244]

```
   <xsd:complexType name="CT_OleObject">
     <xsd:sequence>
      <xsd:choice minOccurs="1" maxOccurs="1">
         <xsd:element name="embed" type="CT_OleObjectEmbed"/>
         <xsd:element name="link" type="CT_OleObjectLink"/>
         <xsd:element name=”pic” type=”CT_Picture”/>
          </xsd:choice>
      <xsd:element name="pic" type="CT_Picture" minOccurs="0" maxOccurs="1"/>
     </xsd:sequence>
      <xsd:attributeGroup ref="AG_Ole"/>
      <xsd:attribute name="progId" type="xsd:string" use="optional"/>
   </xsd:complexType>
```

266. §A.3, "PresentationML", p. 993, lines 1563–1566

[DR 09-0245]

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

267. §A.4.1, "DrawingML - Main", p. 999, lines 184–189

[DR 09-0237]

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

268. §A.4.1, "DrawingML - Main", p. 1007, lines 614–619

[DR 09-0239]

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

269. §A.4.1, "DrawingML - Main", p. 1012, lines 852–857

[DR 09-0238]

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

270. §A.4.1, "DrawingML - Main", p. 1027, lines 1634–1636

[DR 09-0236]

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

271. §A.4.1, "DrawingML - Main", p. 1048, lines 2765–2770

[DR 08-0007]

```
<xsd:simpleType name="ST_TextBulletSize">
    <xsd:union memberTypes="ST_TextBulletSizePercent
ST_TextBulletSizeDecimal"/>
</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>
<xsd:simpleType name="ST_TextBulletSizeDecimal">
    <xsd:restriction base="ST_PercentageDecimal">
        <xsd:minInclusive value="25000"/>
        <xsd:maxInclusive value="400000"/>
    </xsd:restriction>
</xsd:simpleType>
```

272. §A.4.1, "DrawingML - Main", p. 1048, lines 2772–2774

[DR 09-0234]

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

273. §A.4.1, "DrawingML - Main", p. 1048, lines 2775–2777

[DR 09-0235]

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

274. §A.4.1, "DrawingML - Main", p. 1049, lines 2837–2842

[DR 09-0240]

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

275. §A.5.1, “DrawingML - Charts”, p. 1066, lines 198–206

[DR 09-0033]

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

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

<xsd:simpleType name="ST_HPercentUShort">
  <xsd:restriction base="xsd:unsignedShort">
    <xsd:minInclusive value="5"/>
    <xsd:maxInclusive value="500"/>
  </xsd:restriction>
</xsd:simpleType>

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

276. §A.5.1, “DrawingML - Charts”, p. 1066, lines 216–224

[DR 09-0033]

```
<xsd:simpleType name="ST_DepthPercent">
  <xsd:restriction base="xsd:unsignedShort">
    <xsd:minInclusive value="20"/>
    <xsd:maxInclusive value="2000"/>
  </xsd:restriction>
  <xsd:union memberTypes="ST_DepthPercentWithSymbol ST_DepthPercentUShort"/>
</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:simpleType name="ST_DepthPercentUShort">
  <xsd:restriction base="xsd:unsignedShort">
    <xsd:minInclusive value="20"/>
    <xsd:maxInclusive value="2000"/>
  </xsd:restriction>
</xsd:simpleType>
<xsd:complexType name="CT_DepthPercent">
  <xsd:attribute name="val" type="ST_DepthPercent" default="100%"/>
</xsd:complexType>
```

277. §A.5.1, “DrawingML - Charts”, p. 1066, lines 225–233

[DR 09-0203]

```
   <xsd:simpleType name="ST_Perspective">
      <xsd:restriction base="xsd:unsignedByte">
         <xsd:minInclusive value="0"/>
         <xsd:maxInclusive value="240"/>
      </xsd:restriction>
      <xsd:union memberTypes="ST_PerspectivePercent ST_PerspectiveUByte"/>
   </xsd:simpleType>

   <xsd:simpleType name="ST_PerspectivePercent">
     <xsd:restriction base="xsd:string">
      <xsd:pattern value="0*(([0-9])|([1-9][0-9])|(1[0-9][0-9])|(2|[0-3][0-
     9])|240)%"/>
     </xsd:restriction>
   </xsd:simpleType>

   <xsd:simpleType name="ST_PerspectiveUByte">
      <xsd:restriction base="xsd:unsignedByte">
         <xsd:minInclusive value="0"/>
         <xsd:maxInclusive value="240"/>
      </xsd:restriction>
   </xsd:simpleType>

   <xsd:complexType name="CT_Perspective">
      <xsd:attribute name="val" type="ST_Perspective" default="30%"/>
   </xsd:complexType>
```

278. §A.5.1, “DrawingML - Charts”, pp. 1066–1067, lines 245–252

[DR 09-0203]

```
   <xsd:complexType name="CT_Surface">
      <xsd:sequence>
         <xsd:element name="thickness" type="CT_UnsignedIntThickness "
          minOccurs="0" maxOccurs="1"/>
         <xsd:element name="spPr" type="a:CT_ShapeProperties" minOccurs="0"
          maxOccurs="1"/>
         <xsd:element name="pictureOptions" type="CT_PictureOptions" minOccurs="0"
          maxOccurs="1"/>
         <xsd:element name="extLst" type="CT_ExtensionList" minOccurs="0"
          maxOccurs="1"/>
      </xsd:sequence>
   </xsd:complexType>
```

```
   <xsd:simpleType name="ST_Thickness">
      <xsd:union memberTypes="ST_ThicknessPercent unsignedInt"/>
   </xsd:simpleType>

   <xsd:simpleType name="ST_ThicknessPercent">
     <xsd:restriction base="xsd:string">
      <xsd:pattern value="([0-9]+)%"/>
     </xsd:restriction>
   </xsd:simpleType>

   <xsd:complexType name="CT_Thickness">
      <xsd:attribute name="val" type="ST_Thickness" use="required"/>
   </xsd:complexType>
```

279. §A.5.1, “DrawingML - Charts”, p. 1067, lines 264–272

[DR 09-0203]

```
   <xsd:simpleType name="ST_GapAmount">
      <xsd:restriction base="xsd:unsignedShort">
         <xsd:minInclusive value="0"/>
         <xsd:maxInclusive value="500"/>
      </xsd:restriction>
      <xsd:union memberTypes="ST_GapAmountPercent ST_GapAmountUShort"/>
   </xsd:simpleType>

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

   <xsd:simpleType name="ST_GapAmountUShort">
      <xsd:restriction base="xsd:unsignedShort">
         <xsd:minInclusive value="0"/>
         <xsd:maxInclusive value="500"/>
      </xsd:restriction>
   </xsd:simpleType>

   <xsd:complexType name="CT_GapAmount">
      <xsd:attribute name="val" type="ST_GapAmount" default="150%"/>
   </xsd:complexType>
```

280. §A.5.1, “DrawingML - Charts”, p. 1067, lines 282–290

[DR 09-0203]

```
   <xsd:simpleType name="ST_BubbleScale">
      <xsd:restriction base="xsd:unsignedInt">
         <xsd:minInclusive value="0"/>
         <xsd:maxInclusive value="300"/>
      </xsd:restriction>
      <xsd:union memberTypes="ST_BubbleScalePercent ST_BubbleScaleUInt"/>
   </xsd:simpleType>
   <xsd:simpleType name="ST_BubbleScalePercent">
     <xsd:restriction base="xsd:string">
      <xsd:pattern value="0*(([0-9])|([1-9][0-9])|([1-2][0-9][0-9])|300)%"/>
     </xsd:restriction>
   </xsd:simpleType>
   <xsd:simpleType name="ST_BubbleScaleUInt">
      <xsd:restriction base="xsd:unsignedInt">
         <xsd:minInclusive value="0"/>
         <xsd:maxInclusive value="300"/>
      </xsd:restriction>
   </xsd:simpleType>
   <xsd:complexType name="CT_BubbleScale">
      <xsd:attribute name="val" type="ST_BubbleScale" default="100%"/>
   </xsd:complexType>
```

281. §A.5.1, “DrawingML - Charts”, p. 1067, lines 273–281

[DR 09-0203]

```
   <xsd:simpleType name="ST_Overlap">
      <xsd:restriction base="xsd:byte">
      <xsd:minInclusive value="-100"/>
      <xsd:maxInclusive value="100"/>
      </xsd:restriction>
      <xsd:union memberTypes="ST_OverlapPercent ST_OverlapByte"/>
   </xsd:simpleType>

   <xsd:simpleType name="ST_OverlapPercent">
     <xsd:restriction base="xsd:string">
      <xsd:pattern value="(-?0*(([0-9])|([1-9][0-9])|100))%"/>
     </xsd:restriction>
   </xsd:simpleType>

   <xsd:simpleType name="ST_OverlapByte">
      <xsd:restriction base="xsd:byte">
         <xsd:minInclusive value="-100"/>
         <xsd:maxInclusive value="100"/>
      </xsd:restriction>
   </xsd:simpleType>

   <xsd:complexType name="CT_Overlap">
      <xsd:attribute name="val" type="ST_Overlap" default="0%"/>
   </xsd:complexType>
```

282. §A.5.1, “DrawingML - Charts”, p. 1068, lines 309–317

[DR 09-0203]

```
<xsd:simpleType name="ST_HoleSize">
      <xsd:restriction base="xsd:unsignedByte">
      <xsd:minInclusive value="1"/>
      <xsd:maxInclusive value="90"/>
      </xsd:restriction>
      <xsd:union memberTypes="ST_HoleSizePercent ST_HoleSizeUByte"/>
   </xsd:simpleType>

   <xsd:simpleType name="ST_HoleSizePercent">
     <xsd:restriction base="xsd:string">
      <xsd:pattern value="0*(([1-8][0-9])|90)%"/>
     </xsd:restriction>
   </xsd:simpleType>

   <xsd:simpleType name="ST_HoleSizeUByte">
      <xsd:restriction base="xsd:unsignedByte">
            <xsd:minInclusive value="10"/>
            <xsd:maxInclusive value="90"/>
      </xsd:restriction>
   </xsd:simpleType>
   <xsd:complexType name="CT_HoleSize">
      <xsd:attribute name="val" type="ST_HoleSize" default="10%"/>
   </xsd:complexType>
```

283. §A.5.1, “DrawingML - Charts”, p. 1068, lines 336–344

[DR 09-0203]

```
   <xsd:simpleType name="ST_SecondPieSize">
      <xsd:restriction base="xsd:unsignedShort">
         <xsd:minInclusive value="5"/>
         <xsd:maxInclusive value="200"/>
      </xsd:restriction>
      <xsd:union memberTypes="ST_SecondPieSizePercent ST_SecondPieSizeUShort"/>
   </xsd:simpleType>

   <xsd:simpleType name="ST_SecondPieSizePercent">
     <xsd:restriction base="xsd:string">
      <xsd:pattern value="0*(([5-9])|([1-9][0-9])|(1[0-9][0-9])|200)%"/>
     </xsd:restriction>
   </xsd:simpleType>

   <xsd:simpleType name="ST_SecondPieSizeUShort">
      <xsd:restriction base="xsd:unsignedShort">
         <xsd:minInclusive value="5"/>
         <xsd:maxInclusive value="200"/>
      </xsd:restriction>
   </xsd:simpleType>
   <xsd:complexType name="CT_SecondPieSize">
      <xsd:attribute name="val" type="ST_SecondPieSize" default="75%"/>
   </xsd:complexType>
```

284. §A.5.1, “DrawingML - Charts”, p. 1083, lines 1139–1147

[DR 09-0203]

```
   <xsd:simpleType name="ST_LblOffset">
      <xsd:restriction base="xsd:unsignedShort">
      <xsd:minInclusive value="0"/>
      <xsd:maxInclusive value="1000"/>
      </xsd:restriction>
      <xsd:union memberTypes="ST_LblOffsetPercent ST_LblOffsetUShort"/>
   </xsd:simpleType>

   <xsd:simpleType name="ST_LblOffsetPercent">
     <xsd:restriction base="xsd:string">
      <xsd:pattern value="0*(([0-9])|([1-9][0-9])|([1-9][0-9][0-9])|1000)%"/>
     </xsd:restriction>
   </xsd:simpleType>

   <xsd:simpleType name="ST_LblOffsetUShort">
      <xsd:restriction base="xsd:unsignedShort">
         <xsd:minInclusive value="0"/>
         <xsd:maxInclusive value="1000"/>
      </xsd:restriction>
   </xsd:simpleType>

   <xsd:complexType name="CT_LblOffset">
      <xsd:attribute name="val" type="ST_LblOffset" default="100%"/>
   </xsd:complexType>
```

285. §A.5.3, "DrawingML - Diagrams", p. 1100, lines 427–430

[DR 08-0004]

```
  <xsd:simpleType name="ST_ModelId">
    <xsd:union memberTypes="xsd:int s:ST_Guid"/>
  </xsd:simpleType>
  <xsd:simpleType name="ST_PrSetCustVal">
    <xsd:union memberTypes="s:ST_Percentage xsd:int"/>
  </xsd:simpleType>
  <xsd:complexType name="CT_ElemPropSet">
```

286. §A.5.3, "DrawingML - Diagrams", p. 1100, lines 455–463

[DR 08-0004]

```
  <xsd:attribute name="custScaleX" type="xsd:intST_PrSetCustVal"
  use="optional">
  </xsd:attribute>
```

```
  <xsd:attribute name="custScaleY" type="~~xsd:int~~ST_PrSetCustVal"
  use="optional">
  </xsd:attribute>
  <xsd:attribute name="custT" type="xsd:boolean" use="optional">
  </xsd:attribute>
  <xsd:attribute name="custLinFactX" type="~~xsd:int~~ST_PrSetCustVal"
  use="optional">
  </xsd:attribute>
  <xsd:attribute name="custLinFactY" type="~~xsd:int~~ST_PrSetCustVal"
  use="optional">
  </xsd:attribute>
  <xsd:attribute name="custLinFactNeighborX" type="~~xsd:int~~ST_PrSetCustVal"
  use="optional">
  </xsd:attribute>
  <xsd:attribute name="custLinFactNeighborY" type="~~xsd:int~~ST_PrSetCustVal"
  use="optional">
  </xsd:attribute>
  <xsd:attribute name="custRadScaleRad" type="~~xsd:int~~ST_PrSetCustVal"
  use="optional">
  </xsd:attribute>
  <xsd:attribute name="custRadScaleInc" type="~~xsd:int~~ST_PrSetCustVal"
  use="optional">
  </xsd:attribute>
```

287. §A.7.9, “Shared Simple Types”, p. 1160

[DR 09-0159]

```
<xsd:simpleType name="ST_OnOff">
  ~~<xsd:restriction base="xsd:boolean"/>~~
  <xs:union memberTypes="xsd:boolean ST_OnOff1"/>
</xsd:simpleType>
<xsd:simpleType name="ST_OnOff1">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="on"/>
    <xsd:enumeration value="off"/>
  </xsd:restriction>
</xsd:simpleType>
```

288. §B.1, “WordprocessingML”, p. 1162, line 52

[DR 09-0202]

```
w_ST_TextScale = xsd:integer { minInclusive = "0" maxInclusive = "600" }
    w_ST_TextScalePercent | w_ST_TextScaleDecimal
w_ST_TextScalePercent =
  xsd:string { pattern = "0*(600|([0-5]?[0-9]?[0-9]))%" }
w_ST_TextScaleDecimal =
  xsd:integer { minInclusive = "0" maxInclusive = "600" }
```

289. §B.1, "WordprocessingML", p. 1189, lines 1389–1391

[DR 09-0246]

```
w_ST_MeasurementOrPercent =
  w_ST_DecimalNumberOrPercent | s_ST_UniversalMeasure
w_CT_TblWidth =
  attribute w:w { w_ST_DecimalNumberOrPercentw_ST_MeasurementOrPercent }?,
  attribute w:type { w_ST_TblWidth }?
```

290. §B.1, "WordprocessingML", p. 1193, lines 1600–1603

[DR 09-0008]

```
w_CT_RecipientData =
element active { w_CT_OnOff }?,
element column { w_CT_DecimalNumber },
element uniqueTag { xsd:base64Binaryw_CT_Base64Binary }
w_CT_Base64Binary = attribute w:val { xsd:base64Binary }
```

291. §B.2, "SpreadsheetML", p. 1289–1290, lines 4057–4072

[DR 09-0052]

```
sml_CT_Font =
  …
  | element family { sml_CT_IntPropertysml_CT_FontFamily }?
  …
  | element scheme { sml_CT_FontScheme }?)+
```

292. §B.2, "SpreadsheetML", new type

[DR 09-0052]

```
sml_CT_FontFamily = attribute val { sml_ST_FontFamily }
sml_ST_FontFamily =
  xsd:integer { minInclusive = "0" maxInclusive = "14" }
```

293. §B.3, "PresentationML", p. 1317, lines 484–486

[DR 09-0241]

```
p_CT_Extension =
  attribute uri { xsd:token }?,
  p_CT_Extension_any*
```

294. §B.3, "PresentationML", p. 1318, lines 537–542

[DR 09-0244]

```
p_CT_OleObject =
  p_AG_Ole,
  attribute progId { xsd:string }?,
    (element embed { p_CT_OleObjectEmbed }
   | element link { p_CT_OleObjectLink }
   | element pic { p_CT_Picture }),
  element pic { p_CT_Picture }?
```

295. §B.3, "PresentationML", p. 1329, lines 1108–1110

[DR 09-0245]

```
p_CT_StringTag =
  attribute name { xsd:string }?,
  attribute val { xsd:string }?
```

296. §B.4.1, "DrawingML - Main", p. 1336, lines 107–109

[DR 09-0237]

```
a_CT_OfficeArtExtension =
  attribute uri { xsd:token }?,
  a_CT_OfficeArtExtension_any*
```

297. §B.4.1, "DrawingML - Main", p. 1343, lines 454–456

[DR 09-0239]

```
a_CT_PresetColor =
  attribute val { a_ST_PresetColorVal }?,
  a_EG_ColorTransform*
```

298. §B.4.1, "DrawingML - Main", p. 1347, lines 682–683

[DR 09-0238]

```
a_CT_GraphicalObjectData =
  attribute uri { xsd:token }?,
  a_CT_GraphicalObjectData_any*
```

299. §B.4.1, "DrawingML - Main", p. 1359, line 1315

[DR 09-0236]

```
a_CT_EffectReference = attribute ref { xsd:token }?
```

300. §B.4.1, "DrawingML - Main", p. 1374, lines 2126–2127

[DR 08-0007]

```
a_ST_TextBulletSize =
  a_ST_TextBulletSizePercent | a_ST_TextBulletSizeDecimal
a_ST_TextBulletSizePercent =
  xsd:int { minInclusive = "25000" maxInclusive = "400000" }
  xsd:string {
    pattern = "0*((2[5-9])|([3-9][0-9])|([1-3][0-9][0-9])|400)%"
  }
a_ST_TextBulletSizeDecimal =
  xsd:int { minInclusive = "25000" maxInclusive = "400000" }
```

301. §B.4.1, "DrawingML - Main", p. 1374, lines 2129–2130

[DR 09-0234]

```
a_CT_TextBulletSizePercent =
  attribute val { a_ST_TextBulletSizePercent }?
```

302. §B.4.1, "DrawingML - Main", p. 1374, line 2131

[DR 09-0235]

```
a_CT_TextBulletSizePoint = attribute val { a_ST_TextFontSize }?
```

303. §B.4.1, "DrawingML - Main", p. 1375, lines 2161–2169

[DR 09-0240]

```
a_CT_TextFont =
  attribute typeface { a_ST_TextTypeface }?,
  …
  attribute charset { xsd:byte }?
```

304. §B.5.1, "DrawingML - Charts", pp. 1386–1387, lines 118–123

[DR 09-0033]

```
dchrt_ST_HPercent =
xsd:unsignedShort { minInclusive = "5" maxInclusive = "500" }
    dchrt_ST_HPercentWithSymbol | dchrt_ST_HPercentUShort
dchrt_ST_HPercentWithSymbol =
  xsd:string {
    pattern = "0*(([5-9])|([1-9][0-9])|([1-4][0-9][0-9])|500)%"
  }
dchrt_ST_HPercentUShort =
  xsd:unsignedShort { minInclusive = "5" maxInclusive = "500" }
dchrt_CT_HPercent =

  ## default value: 100%
  attribute val { dchrt_ST_HPercent }?
```

305. §B.5.1, "DrawingML - Charts", p. 1387, lines 130–135

[DR 09-0033]

```
dchrt_ST_DepthPercent =
xsd:unsignedShort { minInclusive = "20" maxInclusive = "2000" }
    dchrt_ST_DepthPercentWithSymbol | dchrt_ST_DepthPercentUShort
dchrt_ST_DepthPercentWithSymbol =
  xsd:string {
    pattern =
      "0*(([2-9][0-9])|([1-9][0-9][0-9])|(1[0-9][0-9][0-9])|2000)%"
  }
dchrt_ST_DepthPercentUShort =
  xsd:unsignedShort { minInclusive = "20" maxInclusive = "2000" }
dchrt_CT_DepthPercent =

## default value: 100%
attribute val { dchrt_ST_DepthPercent }?
```

306. §B.5.1, "DrawingML - Charts", p. 1387, lines 136–141

[DR 09-0203]

```
dchrt_ST_Perspective =
xsd:unsignedByte { minInclusive = "0" maxInclusive = "240" }
dchrt_ST_PerspectivePercent =
  xsd:string {
    pattern =
      "0*(([0-9])|([1-9][0-9])|(1[0-9][0-9])|(2|[0-3][0-9])|240)%"
  }
dchrt_ST_PerspectiveUByte =
  xsd:unsignedByte { minInclusive = "0" maxInclusive = "240" }
dchrt_CT_Perspective =

## default value: 30%
  attribute val { dchrt_ST_Perspective }?
```

307. §B.5.1, "DrawingML - Charts", pp. 1387, lines 150–154

[DR 09-0203]

```
dchrt_CT_Surface =
element thickness { dchrt_CT_UnsignedIntdchrt_CT_Thickness }?,
element spPr { a_CT_ShapeProperties }?,
element pictureOptions { dchrt_CT_PictureOptions }?,
element extLst { dchrt_CT_ExtensionList }?
dchrt_ST_Thickness = dchrt_ST_ThicknessPercent | xsd:unsignedInt
dchrt_ST_ThicknessPercent = xsd:string { pattern = "([0-9]+)%" }
dchrt_CT_Thickness = attribute val { dchrt_ST_Thickness }
```

308. §B.5.1, "DrawingML - Charts", p. 1387, lines 163–168

[DR 09-0203]

```
dchrt_ST_GapAmount =
xsd:unsignedShort { minInclusive = "0" maxInclusive = "500" }
    dchrt_ST_GapAmountPercent | dchrt_ST_GapAmountUShort
dchrt_ST_GapAmountPercent =
  xsd:string {
    pattern = "0*(([0-9])|([1-9][0-9])|([1-4][0-9][0-9])|500)%"
  }
dchrt_ST_GapAmountUShort =
  xsd:unsignedShort { minInclusive = "0" maxInclusive = "500" }
dchrt_CT_GapAmount =

## default value: 150%
  attribute val { dchrt_ST_GapAmount }?
```

309. §B.5.1, "DrawingML - Charts", p. 1387, lines 169–174

[DR 09-0203]

```
dchrt_ST_Overlap =
xsd:byte { minInclusive = "-100" maxInclusive = "100" }
  dchrt_ST_OverlapPercent | dchrt_ST_OverlapByte
dchrt_ST_OverlapPercent =
  xsd:string { pattern = "(-?0*(([0-9])|([1-9][0-9])|100))%" }
dchrt_ST_OverlapByte =
  xsd:byte { minInclusive = "-100" maxInclusive = "100" }
dchrt_CT_Overlap =

## default value: 0%
attribute val { dchrt_ST_Overlap }?
```

310. §B.5.1, "DrawingML - Charts", p. 1388, lines 175–180

[DR 09-0203]

```
ST_BubbleScale =
xsd:unsignedInt { minInclusive = "0" maxInclusive = "300" }
  dchrt_ST_BubbleScalePercent | dchrt_ST_BubbleScaleUInt
dchrt_ST_BubbleScalePercent =
  xsd:string {
    pattern = "0*(([0-9])|([1-9][0-9])|([1-2][0-9][0-9])|300)%"
  }
dchrt_ST_BubbleScaleUInt =
  xsd:unsignedInt { minInclusive = "0" maxInclusive = "300" }
dchrt_CT_BubbleScale =

## default value: 100%
attribute val { dchrt_ST_BubbleScale }?
```

311. §B.5.1, "DrawingML - Charts", p. 1388, lines 192–197

[DR 09-0203]

```
dchrt_ST_HoleSize =
xsd:unsignedByte { minInclusive = "10" maxInclusive = "90" }
    dchrt_ST_HoleSizePercent | dchrt_ST_HoleSizeUByte
dchrt_ST_HoleSizePercent =
  xsd:string { pattern = "0*(([1-8][0-9])|90)%" }
dchrt_ST_HoleSizeUByte =
  xsd:unsignedByte { minInclusive = "1" maxInclusive = "90" }
dchrt_CT_HoleSize =

 ## default value: 10%
 attribute val { dchrt_ST_HoleSize }?
```

312. §B.5.1, "DrawingML - Charts", p. 1388, lines 209–214

[DR 09-0203]

```
dchrt_ST_SecondPieSize =
xsd:unsignedShort { minInclusive = "5" maxInclusive = "200" }
    dchrt_ST_SecondPieSizePercent | dchrt_ST_SecondPieSizeUShort
dchrt_ST_SecondPieSizePercent =
  xsd:string { pattern = "0*(([5-9])|([1-9][0-9])|(1[0-9][0-9])|200)%" }
dchrt_ST_SecondPieSizeUShort =
  xsd:unsignedShort { minInclusive = "5" maxInclusive = "200" }
dchrt_CT_SecondPieSize =

## default value: 75%
attribute val { dchrt_ST_SecondPieSize }?
```

313. §B.5.1, "DrawingML - Charts", p. 1398, lines 710–715

[DR 09-0203]

```
dchrt_ST_LblOffset =
xsd:unsignedShort { minInclusive = "0" maxInclusive = "1000" }
    dchrt_ST_LblOffsetPercent | dchrt_ST_LblOffsetUShort
dchrt_ST_LblOffsetPercent =
  xsd:string {
    pattern = "0*(([0-9])|([1-9][0-9])|([1-9][0-9][0-9])|1000)%"
  }
dchrt_ST_LblOffsetUShort =
  xsd:unsignedShort { minInclusive = "0" maxInclusive = "1000" }
dchrt_CT_LblOffset =

## default value: 100%
  attribute val { dchrt_ST_LblOffset }?
```

314. §B.5.3, "DrawingML - Diagrams", p. 1411, lines 373–374

[DR 08-0004]

```
ddgrm_ST_ModelId = xsd:int | s_ST_Guid
ddgrm_ST_PrSetCustVal = s_ST_Percentage | xsd:int
ddgrm_CT_ElemPropSet =
```

315. §B.5.3, "DrawingML - Diagrams", p. 1412, lines 394–402

[DR 08-0004]

```
attribute custScaleX { xsd:intddgrm_ST_PrSetCustVal }?,
attribute custScaleY { xsd:intddgrm_ST_PrSetCustVal }?,
attribute custT { xsd:boolean }?,
attribute custLinFactX { xsd:intddgrm_ST_PrSetCustVal }?,
attribute custLinFactY { xsd:intddgrm_ST_PrSetCustVal }?,
attribute custLinFactNeighborX { xsd:intddgrm_ST_PrSetCustVal }?,
attribute custLinFactNeighborY { xsd:intddgrm_ST_PrSetCustVal }?,
attribute custRadScaleRad { xsd:intddgrm_ST_PrSetCustVal }?,
attribute custRadScaleInc { xsd:intddgrm_ST_PrSetCustVal }?,
```

316. §B.7.9, "Shared Simple Types", p. 1454

[DR 09-0159]

```
s_ST_OnOff = xsd:boolean | s_ST_OnOff1
s_ST_OnOff1 = string "on" | string "off"
```