

Explanation of Multi Part Proposal

DIS 29500 will be restructured to consist of the following parts:

DIS 29500-1: contains the existing Part 1 (Fundamentals), Part 4 (Markup Language Reference), and the Schemas requested by the disposition for comment AU-12 (R 9) as approved by the BRM. *[Informative Note: with the inclusion of Schemas, a significant number of pages (+1,400) will be added to this part.]*

DIS 29500-2: contains the existing Part 2 (Open Packaging Convention)

DIS 29500-3: contains the existing Part 5 (Markup Compatibility and Extensibility)

DIS 29500-4: contains the existing Part 3 (Primer), and the Accessibility guidelines requested by the disposition for comments CA-69, CA-72, and CA-73.

DIS 29500-5: contains the transitional features [such as VML, collectively referenced as Selected Transitional Migration Features] within the existing Part 1 and Part 4, from the proposed annex created by the disposition for comment JP-0030.

Note: Editorial discretion is encouraged to ensure each part includes any necessary corresponding normative references, and appropriate references between parts.

Each Part requires a Conformance Clause and Scope, constructed as follows.

Conformance:

- For Conformance Clause of **DIS 29500-1**, use output of revisions agreed by BRM to R 992 (JP-27, 28, 29) regarding strict/transitional conformance classes. Remove conformance classes that are “transitional”. Replace references to “Annex A, ‘Selected Transitional Migration Features’”, with “Part 5, ‘Transitional Features’”
- For Conformance Clause of **DIS 29500-2**, incorporate dispositions of DE-154 (R 202) and JP-27, JP-28 and JP-29 (R992). Incorporate revisions approved by the BRM on the basis of revisions approved by the BRM, particularly to R992 (JP-27, JP-28 and JP-29), R 224 (JP-40), R 211 (JP-46).
- For Conformance Clause of **DIS 29500-3**, use the result of disposition R 409 [JP-80]
- For the Conformance Clause of **DIS 29500-4**, insert the following text: “Each Part of this multi-part standard has its own conformance clause. The term conformance class is used to disambiguate conformance within different Parts of this multi-part standard. This Part is informative only, and therefore has no conformance class.”
- For the Conformance Clause for **DIS 29500-5**, copy the Copy the Conformance Clause (including subclauses) from Part 1 [created by approved CA proposal for modified response for R 92 and R 992 (JP-27, -28, -29), and introducing the notion of strict and transitional conformance] to Part 5 and then remove conformance classes that are “strict”.

Scope:

DIS 29500-1: Fundamentals and Markup Language Reference

For Scope, use:

~~“This International Standard defines a set of XML vocabularies for representing word-processing documents, spreadsheets and presentations. The goal of this standard is, on the one hand, to represent faithfully the existing corpus of word-processing documents, spreadsheets and presentations that have been produced by Microsoft Office applications. It also specifies requirements for Office Open XML consumers and producers of Office Open XML”, including any revision after BRM reconsideration of R 925 (NO 1, US 46), and on the other hand, to facilitate extensibility and interoperability by enabling implementations by multiple vendors and on multiple platforms-~~

~~This part specifies concepts for documents and applications of strict and transitional conformance.~~

DIS 29500-2: Open Packaging Convention

For Scope, use Scope from existing Part 2. Incorporate any revisions approved by the BRM, particularly based on R 224 (JP-40), R 211 (JP-46).

DIS 29500-3: Markup Compatibility and Extensibility

For Scope, use disposition to R 409 (JP-80)

DIS 29500-4: Primer and Accessibility Guidelines

For Scope, use:

This Part contains a detailed introduction to the following Office Open XML topics:

- WordprocessingML
- SpreadsheetML
- PresentationML
- DrawingML
- VML
- Various shared MLs

This Part also includes a separate section that details accessibility guidelines for Office Open XML.

DIS 29500-5: Transitional Features

For Scope, use the following three paragraphs:

This International Standard defines a set of XML vocabularies for representing word-processing documents, spreadsheets and presentations. The goal of this standard is, on the one hand, to represent faithfully the existing corpus of word-processing documents, spreadsheets and presentations that have been produced by Microsoft Office applications. It also specifies requirements for Office Open XML consumers and producers, and on the other hand, to facilitate extensibility and interoperability by enabling implementations by multiple vendors and on multiple platforms

~~This part defines features for backward-compatibility and useful for high-quality migration of existing binary documents to DIS 29500. These features described in this Part shall only be used by documents of conformance class WML Transitional, SML Transitional or PML Transitional. These features are sometimes needed for high-quality migration of existing binary documents to DIS 29500.~~

~~The intent of this Part is to enable a transitional period during which existing binary documents being migrated to DIS 29500 can make use of legacy features to preserve their fidelity, while noting that new documents should not use them. The Conformance clause for Part 1 states that WML Strict, SML Strict and PML Strict documents shall not use any of the features defined in this Part.~~

~~This Part is normative for the current edition of the Standard, but not guaranteed to be part of the Standard in future revisions. The intent is to enable the future DIS 29500 maintenance group to choose, at a later date, to remove this set of features from a revised version of DIS 29500.~~

Con formato: Inglés (Reino Unido)

Proposed Resolution:

For convenience, the following summarizes the Scope and Conformance Clauses as they would be if these instructions were followed based on the latest versions of responses presented to the BRM to the best of our ability.

The editor shall make sure that each part includes any necessary corresponding normative references, and appropriate references between parts.

DIS 29500-1: Fundamentals and Markup Language Reference

Scope

This International Standard defines a set of XML vocabularies for representing word-processing documents, spreadsheets and presentations. The goal of this standard is to represent faithfully the existing corpus of word-processing documents, spreadsheets and presentations that have been produced by Microsoft Office applications. It also specifies requirements for consumers and producers of Office Open XML.

Conformance

2.4. Document Conformance

Document conformance is purely syntactic; it involves only Items 1 and 2 in §2.3 above.

- A conforming document shall conform to the transitional schema or the strict schema (Item 1 above), and any additional syntax constraints (Item 2).
- The document shall be of category Wordprocessing, Spreadsheet, or Presentation.
- The document character set shall conform to the Unicode Standard and ISO/IEC 10646, with either the UTF-8 or UTF-16 encoding form, as required by the XML 1.0 standard.
- Any XML element or attribute not explicitly included in this Standard shall use the extensibility mechanisms described by Parts 4 and 5 of this Standard.

Each Part of this multi-part standard has its own conformance clause. The term conformance class is used to disambiguate conformance within different Parts of this multi-part standard. This Part defines the following document conformance classes:

- WML Transitional, if the document is a conforming document of category Wordprocessing that conforms to the transitional schema.
- WML Strict, if the document is a conforming document of category Wordprocessing that conforms to the strict schema and does not include any features from DIS-29500-5 “Transitional Features”.
- SML Transitional, if the document is a conforming document of category Spreadsheet that conforms to the transitional schema.

- SML Strict, if the document is a conforming document of category Spreadsheet that conforms to the strict schema and does not include any features from DIS-29500-5 “Transitional Features
- PML Transitional, if the document is a conforming document of category Presentation that conforms to the transitional schema.
- PML Strict, if the document is a conforming document of category Presentation that conforms to the strict schema and does not include any features from DIS-29500-5 “Transitional Features”.

In addition, documents of conformance class WML Strict, SML Strict or PML Strict shall not embed documents of conformance class WML Transitional, SML Transitional or PML Transitional.

Document categories Wordprocessing, Spreadsheet and Presentation are defined in Part 1, §4.

[Note: Other document conformance classes could be defined in the future. end note]

[Note: It is not possible for a document to be of more than one of the above conformance classes. end note]

2.5. Application Conformance

Application conformance incorporates both syntax and semantics; it involves items 1, and 2, and 3 in §2.3 above.

- A conforming consumer shall not reject any conforming documents of at least one document conformance class.
- A conforming producer shall be able to produce conforming documents of at least one document conformance class.
- A conforming application shall treat the information in Office Open XML documents in a manner consistent with the semantic definitions given in this Specification. An application's intended behavior need not require that application to process all of the information in an Office Open XML document. However, the information that it does process shall be processed in a manner that is consistent with the semantic definitions given in this Specification.

[Note: This note illustrates the third bullet above. Conforming applications might serve various functions. Examples include a viewer, an editor, and a back-end processor. Here is an illustration of how the third bullet applies to each of those examples:

- If a conforming viewer supports a given feature, then when it displays information using that feature, it respects the semantics of that feature as described in the Specification.
- If a conforming editor supports a given feature, then when it provides its user with an interface for manipulating information using that feature, it respects the semantics of that feature as described in the Specification.
- If a conforming back-end processor supports a given feature, then when it transforms or assembles information involving that feature, it respects the semantics of that feature as described in the Specification.

end note]

This Part defines the following application conformance classes:

- WML Transitional, if the application is a conforming application that is a consumer or producer of documents having conformance class WML Transitional.
- WML Strict, if the application is a conforming application that is a consumer or producer of documents having conformance class WML Strict.
- SML Transitional, if the application is a conforming application that is a consumer or producer of documents having conformance class SML Transitional.
- SML Strict, if the application is a conforming application that is a consumer or producer of documents having conformance class SML Strict.
- PML Transitional, if the application is a conforming application that is a consumer or producer of documents having conformance class PML Transitional.
- PML Strict, if the application is a conforming application that is a consumer or producer of documents having conformance class PML Strict.

DIS 29500-2: Open Packaging Convention

Scope

Based on Scope from existing Part 2. Incorporate any revisions approved by the BRM, particularly those based on R 224 (JP-40), R 211 (JP-46). [No text merging the approved modifications currently available]

Conformance

Based on Conformance from existing Part 2. Incorporate dispositions of DE-154 (R 202) and JP-27, JP-28 and JP-29 (R992). Incorporate revisions approved by the BRM on the basis of revisions approved by the BRM, particularly to R992 (JP-27, JP-28 and JP-29), R 224 (JP-40), R 211 (JP-46). [No text merging the approved modifications currently available.]

DIS 29500-3: Markup Compatibility and Extensibility

Scope

This Part (the Markup Compatibility and Extensibility specification) describes a set of conventions that are used by Office Open XML documents to clearly mark elements and attributes introduced by future versions or extensions of Office Open XML documents, while providing a method by which consumers can obtain a baseline version of the Office Open XML document (a version without extensions) for interoperability.

In all subsequent uses within this document, the term "this specification" shall refer to the content of this Part.

Conformance

The text in this Part is divided into *normative* and *informative* categories. Unless documented otherwise, any feature shall be implemented as specified by the normative text describing that feature in this Part. Text marked informative (using the mechanisms described in §[Error! No se encuentra el origen de la referencia.7](#), "[Error! No se encuentra el origen de la referencia.General Description](#)") is for information purposes only. Unless stated otherwise, all text is normative. Use of the word "shall" indicates required behavior.

Any behavior that is not explicitly specified by this Part is implicitly unspecified (Part 1, §4).

Each Part of this multi-part standard has its own conformance clause. The term *conformance class* is used to disambiguate conformance within different Parts of this multi-part standard. This Part has only one conformance class, MCE (that is, Markup Compatibility and Extensibility). As such, conformance to that class implies conformance to the whole Part.

Document Conformance

A document has conformance class MCE if it satisfies the syntax constraints on elements and attributes defined in this Part.

Document conformance to this Part is purely syntactic.

Application Conformance

An application implementing this Part has conformance class MCE if any one of the following is true:

- The application is a markup consumer that does not reject any documents of conformance class MCE; or
- The application is a markup producer that is able to produce documents of conformance class MCE; or
- The application is a markup editor that does not reject any documents of conformance class MCE, and is able to produce documents of conformance class MCE.

Application conformance to this Part is purely syntactic.

[*Note: Application conformance to this Part cannot be based on semantics, since the semantics depend on the choice of application-defined extension elements. end note*]

DIS 29500-4: Primer and Accessibility Guidelines

Scope

This Part contains a detailed introduction to the following Office Open XML topics:

- WordprocessingML
- SpreadsheetML
- PresentationML
- DrawingML
- VML
- Various shared MLs

This Part also includes a separate section that details accessibility guidelines for Office Open XML.

Conformance

Each Part of this multi-part standard has its own conformance clause. The term conformance class is used to disambiguate conformance within different Parts of this multi-part standard. This Part is informative only, and therefore has no conformance class.

DIS 29500-5: Transitional Features

Scope

The features described in this Part shall only be used by documents of conformance class WML Transitional, SML Transitional or PML Transitional. These features are sometimes needed for high-quality migration of existing binary documents to DIS 29500.

The intent of this Part is to enable a transitional period during which existing binary documents being migrated to DIS 29500 can make use of legacy features to preserve their fidelity, while noting that new documents should not use them. The Conformance clause for Part 1 states that WML Strict, SML Strict and PML Strict documents shall not use any of the features defined in this Part.

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Conformance

Copy the Conformance Clause (including subclauses) from Part 1 [created by approved CA proposal for modified response for R 92 and R 992 (JP-27, -28, -29), and introducing the notion of strict and transitional conformance] to Part 5 and then remove conformance classes that are "strict". [No merged text available at this time.]

