DR 16-0025 — Primer: Part 4 stuff

Status: Closed; in REV3

Subject: Primer: Part 4 stuff

Qualifier: Request for clarification

Submitter: WG4 Organization: WG4

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Submitter’s Defect Number: None

Supporting Document(s): None

Date Circulated by Secretariat: 2016-12-10

Deadline for Response from Editor: 2017-02-10

IS 29500 Reference(s): 29500:2016, Part 1: §L, “Primer”

Related DR(s): None

Nature of the Defect:

It has long been accepted that Part 1 need know nothing about Part 4, and should not even mention it.

The split of the original submission into the Strict and Transitional Parts occurred at the BRM, and an initial attempt was made to make this happen in the first ISO edition. However, one place where the “mixing of Part 1 and Part 4” still exists in Part 1, is in the Primer.

Solution Proposed by the Submitter:

Create a Primer annex in Part 4, and move all Part 4-specific stuff there from the Part 1 Primer.

Initial candidates are:

* CT\_HtmlPublishProperties (amended in DR 15-0021 and DR 16-0021)
* All VML-related material

Schema Change(s) Needed:

No

**Editor’s Response:**

**2017-03-02 Seattle Meeting:**

We agree to this. Closed in REV3.

**2017-04-12 Rex Jaeschke:**

I propose copying the following Part 1 [sub]clauses to Part 4 of WD1.0:

**VML-related text:**

1. §18.2.24, “webPublishing (Web Publishing Properties)” has an attribute called “vml (VML in Browsers)”, which is described as “Specifies a boolean value that indicates whether the application uses VML (Vector Markup Language) to display graphics in Web browsers  
   The possible values for this attribute are defined by the W3C XML Schema Boolean datatype.”
2. A.2, “SpreadsheetML”, p. 3954, lines 4403–4413

<xsd:complexType name="CT\_WebPublishing">

…

<xsd:attribute name="vml" type="xsd:boolean" use="optional" default="false"/>

…

</xsd:complexType>

1. §20.4.2.38, “txbxContent (Rich Text Box Content Container)” states: “This element specifies that its contents shall be any rich WordprocessingML content, and that this content is the rich contents of a drawing object defined using DrawingML syntax.  
   If this element contains within any of its contents any of the following content, then the document shall be considered non-conformant:

* References to other WordprocessingML document stories (comments, footnotes, endnotes)
* Vector Markup Language (VML)
* Additional txbxContent elements (as part of nested DrawingML objects)”

1. Create a stripped-down clone of §J., “Accessibility Best Practices”, §J.5, “Best Practices for Customers of Office Open XML Implementations”, and §J.5.1, “Using Common Accessibility Features”, so can move over §J.5.1.1, “VML Objects”. Make this new clause §E.
2. Appropriate subset of top-level clause §L, “Primer” 🡪 §F, “Primer”
3. §L.1.18, “Miscellaneous Topics”, and §L.1.18.1, “Text Boxes” states: “All VML-based drawing objects (except for connectors) support the addition of rich WordprocessingML content within their extents.” … Text continues re non-VML stuff. Should this be moved to Part 4, or is it subsumed elsewhere?
4. §L.3.1.4.1.1, “Web Properties” states “… Finally there are a set of parameters that configure the on-disk storage of the resulting output. For example, if the customer knows something about the machine configurations of her audience, she can opt to use better raster graphic formats like PNG that support alpha transparency or elect to include Vector Markup Language (“VML”) representations only for vector images. …”
5. §L.5, “Introduction to VML” 🡪 §F.1, “Introduction to VML”
6. §L.7.2.4, “Embeddings in a SpreadsheetML Document” states “When an embedding is present in a SpreadsheetML document, it must be stored as follows:

* In the worksheet, the oleObjects element must store one or more oleObject child elements, one for each embedding within the current worksheet. Each of those oleObject child elements must also store: an explicit relationship to the associated Embedded Package or Embedded Object part, the ProgID for that embedded object, and (optionally) the ID for the associated shape. [Note: For backward compatibility, note that VML shape IDs are of the form \_x0000\_s####, where # specifies a single Arabic numeral, and only the last four digits are stored as the ID. end note]
* …

1. §M., “Differences Between ISO/IEC 29500 and ECMA-376:2006” and §M.5, “VML” states “All VML schemas have been removed.” This remains true, so no action is needed. It simply states a decision from the BRM.

**CT\_HtmlPublishProperties:**

The resolution of DR 15-0021 includes changes to Part 1, §L.3.1.4.1, “HTML Publish Properties”, p. 4779–4780 and Part 1, §M.3, “PresentationML”, p. 5020. However, the resolution of DR 16-0025 requires that these [corrected] subclauses be moved to Part 4. See also the resolution of DR 16-0021.

These [sub]clauses still need to be removed from Part 1.

Changes to Part 1: Y Part 2: N Part 3: N Part 4: Y