# DR 15-0021 — PML: CT\_HtmlPublishProperties in Part 1

Status: Further Consideration Required

Subject: PML: CT\_HtmlPublishProperties in Part 1

Qualifier: Technical defect

Submitter: WG4 Organization: SC34

Contact Information: eb2m-mrt@asahi-net.or.jp

Submitter’s Defect Number: None

Supporting Document(s): None

Date Circulated by Secretariat: 2015-11-24

Deadline for Response from Editor: 2016-01-24

IS 29500 Reference(s): 29500:2016 Part 1, §L.3.1.4.1, Annex A, and Annex B

Related DR(s): None

Nature of the Defect:

This complex type is mentioned in §L.3.1.4 (informative) but not used in anywhere else in Part 1.

Solution Proposed by the Submitter:

Delete this complex type from Part 1. Introduce a normative subclause for it to Part 4.

Schema Change(s) Needed: Yes

Editor’s Response:

**2016-10-29 Murata-san:**

Here is my proposal. I hope to close this DR in the next teleconference.

Schema changes

<https://app.assembla.com/spaces/IS29500/subversion/commits/334>

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Changes to L.3.1.4.1, Part 1

Remove the paragraph "Indirectly", schema fragments, and the last paragraph of this subclause.

**2016-10-29 Caroline Arms:**

I've been looking at the textual changes you suggest. I agree with your textual deletions.

Background: As far as I can see, the HTML Publishing Properties (htmlPubPr) element was moved to Part 4 (and dropped from Part 1). So clearly it makes sense to drop its complexType. I'll rely on others to check the schema changes.

Reading the Primer, at the very least, the "must" in the first paragraph seems jarring.

The paragraph now reads:

"An implementation must have the ability to save (and publish) a presentation to a web-friendly format like HTML or MHTML. Various parameters are used to configure the application for saving such formats as well as to control what content gets generated. The parameters that configure the application are the HTML Publish properties whereas the content properties are the Web Properties."

What about the following:

Change "must have" to "might provide"

Change "parameters are used" to "parameters are available"

Add reference to Part 4 in a sentence modeled after the last sentence in §L.5.2.

Move last sentence in existing paragraph to a new paragraph.

The result would be:

"An implementation might provide the ability to save (and publish) a presentation to a web-friendly format like HTML or MHTML. Various parameters are available to configure the application for saving such formats as well as to control what content gets generated. These parameters are introduced here. For details, see the section on PresentationML in Part 4.

The parameters that configure the application are the HTML Publish properties whereas the content properties are the Web Properties."

Also, the Primer implies that this element/complexType is in PML, rather than DML. So the DR Title should possibly be changed.

**2016-11-02 Teleconference:**

After some discussion, Murata-san assumed ownership of this issue, and he agreed to improve the proposed resolution. Rex will change the DR title to PML instead of DML.

**Action**: Rex will spin-off from Caroline’s mail, “Proposed changes for DR 15-0021”, from 2016-10-29, a new DR that addresses her suggestions to improve the Primer.

**2016-12-03 Murata-san:**

UK has always argued that Part 1 must not reference Part 4. Now, Part 1 does not have a normative reference to Part 4. It does not even have Part 4 in the bibliography.

Nevertheless, Primer in Part 1 has transitional features. Should we move that part of the Primer to Part 4? Or , should we introduce Part 4 in the Bibliography? I would like to have another DR and discuss in the Seattle F2F.

For now, I would like to close this DR by introducing changes required for dropping the complex type CT\_HtmlPublishProperties. To do so, I think that we need the schema changes in

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and the attached change to L.3.1.4.1, Part 1.

**2016-12-06 Caroline Arms:**

Looking at ISO/IEC 29500-1:2016 (dated April 2016) I see "The pubBrowser attribute on the htmlPubPr element (Part 4, 11.2.1.1) was renamed target."

I'm not quite sure why a Part 4 change was mentioned in Part 1, but that's not my concern for this proposed change. Should this DR solution use "target" instead of "pubBrowser"?

**2016-12-06 Rex Jaeschke:**

As htmlPubPr is a transitional feature, and its renaming to target is covered in Part 4’s Annex D.4, the same sentence in Part 1, M3, should be removed. Apparently, it was missed during the rush to get the First edition finished after the BRM.

**2016-12-07 Teleconference:**

Agreed to remove the complex type CT\_HtmlPublishProperties from Part 1, to change ST\_HtmlPublishWebBrowserSupport to target, and to remove mention of the renaming to target, and removal of simple type ST\_HtmlPublishWebBrowserSupport from §M.3.

In a separate DR (as decided on 2016-11-02), we’ll deal with Caroline’s suggestions to improve §L.3.1.4.1, “HTML Publish Properties”.

In another DR, we’ll discuss the merits of pushing all Part 4-related stuff from Part 1’s Primer into Part 4.

**Part 1, §A.3, “PresentationML”, p. 3975, lines 1085–1094**

~~<xsd:complexType name="CT\_HtmlPublishProperties">~~

 ~~<xsd:sequence>~~

 ~~<xsd:group ref="EG\_SlideListChoice" minOccurs="1" maxOccurs="1"/>~~

 ~~<xsd:element name="extLst" type="CT\_ExtensionList" minOccurs="0"
 maxOccurs="1"/>~~

 ~~</xsd:sequence>~~

 ~~<xsd:attribute name="showSpeakerNotes" type="xsd:boolean" use="optional"~~

 ~~default="true"/>~~

 ~~<xsd:attribute name="target" type="xsd:string" use="optional"/>~~

 ~~<xsd:attribute name="title" type="xsd:string" use="optional" default=""/>~~

 ~~<xsd:attribute ref="r:id" use="required"/>~~

 ~~</xsd:complexType>~~

**Part 1, §B.3, “PresentationML”, p. 4286, lines 694–702**

~~p\_CT\_HtmlPublishProperties =~~

 ~~## default value: true~~

 ~~attribute showSpeakerNotes { xsd:boolean }?,~~

 ~~attribute target { xsd:string }?,~~

 ~~attribute title { xsd:string }?,~~

 ~~r\_id,~~

 ~~p\_EG\_SlideListChoice,~~

 ~~element extLst { p\_CT\_ExtensionList }?~~

**Part 1, §L.3.1.4.1, “HTML Publish Properties”, p. 4779–4780**

…

Indirectly, the HTML Publish properties can prime the Web Properties by defining a target web browser generation (i.e., third, fourth or third and fourth). This is done by setting the appropriate ~~ST\_HtmlPublishWebBrowserSupport~~target attribute:

~~<xsd:complexType name="CT\_HtmlPublishProperties">~~

 ~~…~~

~~</xsd:complexType>~~

By providing a target generation, the Web Properties are set to a predefined package defined for the specified browser generation. Naturally, the user can override the individual Web Property settings.

**Part 1, §M.3, “PresentationML”, p. 5020**

The following changes occurred to the PresentationML schema:

* …
* ~~The pubBrowser attribute on the htmlPubPr element (Part 4, §11.2.1.1) was renamed target~~
* The spid attribute was removed from the oleObj element (§19.3.2.4) and the control element (§19.3.2.1)
* ~~The ST\_HtmlPublishWebBrowserSupport simple type was removed and replaced by xsd:string~~

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