

Goal:

Enable producers to generate content that can be handled by any consumer.

Context:

* There are several areas in the specification where components such as images, text, equations or audio may be included as part of an OOXML file.

* We anticipate a wide range of consumers, many of which will not need to handle these sorts of components. For example, a slide-sorter will not need to touch in any of the images that appear on the slides; an audio reader application will not need to render any image.

Proposed resolution:

1. Add a table with a minimal number of reference standard formats.

* Images: png, jpg

* Text: UTF-16, HTML

* Audio: mpeg audio, ogg Vorbis

* Math, Equations: MathML 2.0

* Annotations: InkML

2. A consumer may not ignore components in any of the reference standard formats.

PT Proposal

PT-60 - R98

Part 1 – 15.2.13 - ImagePart

INCLUDEPICTURE

The following clause should be added to the end of the text.

" A consumer may not ignore components in any of the reference standard formats:

* image/png ISO/IEC 15948:2003

<http://www.libpng.org/pub/png/spec/>

* image/jpeg <http://www.w3.org/Graphics/JPEG>"

PT-61 - R100

Part 1 - 11.3.1

INCLUDETEXT

The following clause should be added to the end of the text.

" A consumer may not ignore components in any of the reference

standard formats:

- * **TEXT = application/txt (UTF-16)**
- * **HTML = application/html"**

PT-89 / R93 – Math

Part 1 - 15.2.3.a Content Part

**The following clause should be added to the end of the Content Part text.
"If a consumer supports equations, it may not ignore an equation in this element in any of the reference standard formats:**

- * **W3C MathML 2.0"**

PT-104 - R78

5.1.3.2 AudioFile (Audio from File)

ContentType

" A consumer may not ignore components in any of the reference standard formats:

- * **audio/ogg http://xiph.org/vorbis/doc/Vorbis_I_spec.html**
- * **audio/mpeg ISO/IEC 11172-3"**

PT-110 / R80 - Equations

Part 4 - 6.1.12.19

The following clause should be added to the end of the equationXML attribute

" If a consumer supports equations, it may not ignore an equation in this element in any of the reference standard formats:

- * **W3C MathML 2.0"**

PT-111 - R82 - Annotations

Part 1 - 15.2.3.a Content Part

**The following clause should be added to the end of the Content Part text.
"If a consumer supports annotations, a consumer may not ignore an annotation in this element in any of the reference standard formats:**

- * **InkML <http://www.w3.org/TR/inkregs>"**