Common Metadata

‘md’ namespace

DETAILED REVISION HISTORY
Through version 2.2
DETAILED REVISION HISTORY

This document represents a best effort to capture changes. One should use the documents showing changes as the definitive source.

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>January 5, 2010</td>
<td>Original Version</td>
</tr>
<tr>
<td>1.1</td>
<td>January 6, 2011</td>
<td>Incorporates corrections.</td>
</tr>
<tr>
<td>1.2</td>
<td>November 1, 2011</td>
<td>Incorporates corrections and enhancements, primarily to support derived specifications.</td>
</tr>
<tr>
<td>1.2a</td>
<td>May 29, 2012</td>
<td>Editorial correction to image column and width references. No schema change. Added type description for ID types already in schema. Added ‘DTS-EXPRESS’ to audio Codec.</td>
</tr>
<tr>
<td>1.2d</td>
<td>September 24, 2012</td>
<td>Correct spec to align with schema:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• PrimaryLanguage→PrimarySpokenLanguage,</td>
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<tr>
<td></td>
<td></td>
<td>• Remove AspectRatio which was never implemented in schema. May be added later.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Remove FitToActivePixels which was never implemented in schema.</td>
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<tr>
<td></td>
<td></td>
<td>EIDR</td>
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<tr>
<td></td>
<td></td>
<td>• Added reference to EIDR.</td>
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<tr>
<td></td>
<td></td>
<td>• Added EIDR-S ID scheme.</td>
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<tr>
<td></td>
<td></td>
<td>Ratings:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Corrections and clarifications for ratings in Ireland.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Comments on Venezuela</td>
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<td></td>
<td></td>
<td>• Added “Explicit Content” to RIAA rating</td>
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<tr>
<td></td>
<td></td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Added ‘Easy Reader’ subtitle Type.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Added ‘editor’, ‘post-production’ and ‘encoding’ to AssociatedOrg enumerations</td>
</tr>
<tr>
<td>Version</td>
<td>Date</td>
<td>Changes</td>
</tr>
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<td>---------------------------------------------------------------------------------------------------------------------------</td>
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</tbody>
</table>
| 1.2e     | October 11, 2012 | • Fixed APID examples.  
• Minor editorial text corrections.  
Ratings: Separated out BBFCT for theatrical BBFC. Added “E” to BBFC for Exempt content. Added Canada/CHVRS. Added ratings to indicate unrated in a given region. Added ‘exempt’ as a rating condition.  
To match schema, changed cardinality of  
• CountryOfOrigin to optional  
• BasicMetadataInfo-type/Region to optional  
In APID definition, made “.”<extension> optional. |
| 2.0      | January 3, 2013  | Basic Metadata  
• Added detailed WorkType in parallel with WorkType  
• TitleDisplay19 optional  
• OriginalTitle optional  
• Added back missing "AspectRatio" (optional this time). Note that FitToActivePixels was not replaced because it is redundant with PictureFormat  
• Added OriginalLanguage  
• Added VersionLanguage  
• Enhanced SequencInfo  
  ○ Created ContentNumber-type (text + @domain)  
  ○ Added DistributionNumber and AlternateNumber of ContentNumber-type  
  ○ Defined HouseSequence in terms of ContentNumber-type, allowing domain (namespace) to be specified.  
Composites/Compilations  
• Added CompilationClass  
• Change term ‘Composite’ to ‘Compilation’ to avoid EIDR conflict. (text only) |
• Added any##other to CompObj-type to allow for EIDR to define ExternalID reference.
• Added EntryNumber to CompObj-type
• Fixed schema to have multiple instances of DisplayName (for multiple languages)
• Added ChildEntryClass

Digital Asset
• Added Video/SignedLanguage
• Added Video/Cardset
• Added optional scanOrder to DigitalAssetVideoPicture-type ('BFF', 'TFF' or 'PPF')
• Added PictureFormat to DigitalAssetVideoData-type
• DigitalAssetVideoData-type/SubtitleLanguage --> unbounded
• Added Video Picture FrameRate/@timecode
• Added Audio/Encoding/BitrateAverage
• Added Audio/Encoding/VBR
• Added Audio/Encoding/ChannelMapping
• Added Video/Encoding/BitrateAverage
• Added Video/Encoding/VBR
• Added Picture/ColorSampling
• Added Picture/Colorimetry
• Added Subtitle/Encoding and Interactive/Encoding as xs:anyType
• Added Image/Language (0..n). This allows selection between multiple images associated with particular languages.
• Changed the following to optional: Audio/Channels, Video/ColorType, Picture/AspectRatio, Subtitle/Format, Interactive/Language
• Interactive: Redone
• Added ‘Private’ any##other data to Audio, Video, subtitle, Image and Interactive

Watermark
  ○ Added DigitalAssetWatermark-type
  ○ Added Audio/Encoding/Watermark
  ○ Added Video/Encoding/Watermark
• Added ID to Audio, Video, Subtitle, Interactive, Image DigitalAssetMetadata items (after TrackReference)
• Added DigitalAssetTrackList-type
• Added any##other to Video/Picture, Video/Encoding, Audio/Encoding
<table>
<thead>
<tr>
<th>Miscellaneous</th>
<th>2.1 June 30, 2013</th>
<th>Basic Metadata</th>
</tr>
</thead>
<tbody>
<tr>
<td>○ Allow multiple instances of ContainerSpecificMetadata</td>
<td></td>
<td>• Made DisplayName optional in OrgName-type</td>
</tr>
<tr>
<td>○ Add to OrgNameType: AlternateName and @idType</td>
<td></td>
<td>• Added @domain to numbers and sequences within ContentSequenceInfo-type</td>
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<tr>
<td>○ Added Grouping Entity (from EMA Metadata)</td>
<td></td>
<td></td>
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<tr>
<td>○ Added DisplayCredit (from EMA Metadata)</td>
<td></td>
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<tr>
<td>Container</td>
<td></td>
<td>• Digital Asset</td>
</tr>
<tr>
<td>• Added elements to Container-type xs:redefine simple types</td>
<td></td>
<td>• Corrected text to match schema for DigitalAssetAudioEncoding-type</td>
</tr>
<tr>
<td>• One for languages</td>
<td></td>
<td>• Added additional channel mappings</td>
</tr>
<tr>
<td>• One for each string type that is subject to redefine.</td>
<td></td>
<td>• Added H.265 as a CODEC (for HEVC/H.265)</td>
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<tr>
<td></td>
<td></td>
<td>• Added suggested vocabulary for Video MPEG Profile and Level</td>
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<tr>
<td></td>
<td></td>
<td>• DigitalAssetVideoPicture-type</td>
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<tr>
<td></td>
<td></td>
<td>• Corrected schema to reflect that @multiplier is optional</td>
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<tr>
<td></td>
<td></td>
<td>• Corrected timecode text to match schema as optional</td>
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<tr>
<td></td>
<td></td>
<td>• Added @guaranteedAbsent to DigitalAssetWatermark-type</td>
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<tr>
<td></td>
<td></td>
<td>Container</td>
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<tr>
<td></td>
<td></td>
<td>• Added ContainerReference and ContainerIdentifier to ContainerMetadata-type</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td></td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>• Reference added in conjunction with other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Version</td>
<td>Date</td>
<td>Changes</td>
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<td>----------------------------------------------------------------------------------------------------------------------------------------</td>
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<tr>
<td>2.1a, b</td>
<td>July 12, 2013</td>
<td>Fixed DigitalAssetVideoEncoding/ActualLength from 0..n to 0..1. It is correct in the schema. Corrected Ratings reference to correct URL. (b) fixes one typo.</td>
</tr>
<tr>
<td>2.1c</td>
<td>January 4, 2014</td>
<td>Minor text corrections. References added to new Common Metadata Ratings to avoid duplication. Addition of VP9 codec. Note: no schema changes.</td>
</tr>
</tbody>
</table>