

SMPTE Metadata Registers

EBU MDN, June 2015, Geneva

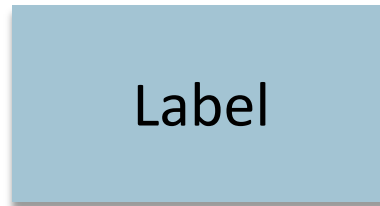
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Metadata Definitions



Dictionary / Look-Up Table: Element instance values



Globally unique ID 1

Universal Label (UL): 06.0e.2b.34.04.01.01.0a.04.01.02.02.01.32.31.02

Globally unique ID 2

Symbol: H264MPEG4AVCHigh422IntraRP2027ConstrainedClass100108050iCoding

Namespace: <http://www.smpte-ra.org/reg/400/2012>

Meaning

Name: H.264/MPEG-4 AVC High 422 Intra RP2027 Constrained Class 100 1080/50i Coding

Definition: Identifies H.264/MPEG-4 AVC High 422 Intra RP2027 Constrained Class 100 1080/50i Coding

Defining Document: SMPTE RP 2027

Entries per Register

Elements: 2500

Groups: 350

Types: 450

Labels: 2400

K

06.0e.2b.34.01.01.01.01.0d.0c.01.01.01.01.0a.00

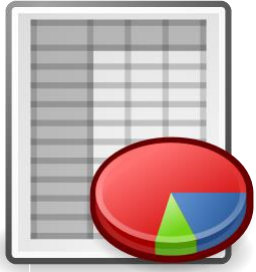
L

01

V

00

“UKDPP_3D” / “3D”: FALSE



+



SMPTE ST 335, 395, 400, 2003



Elements.xml, Groups.xml,
Types.xml, Labels.xml

Check

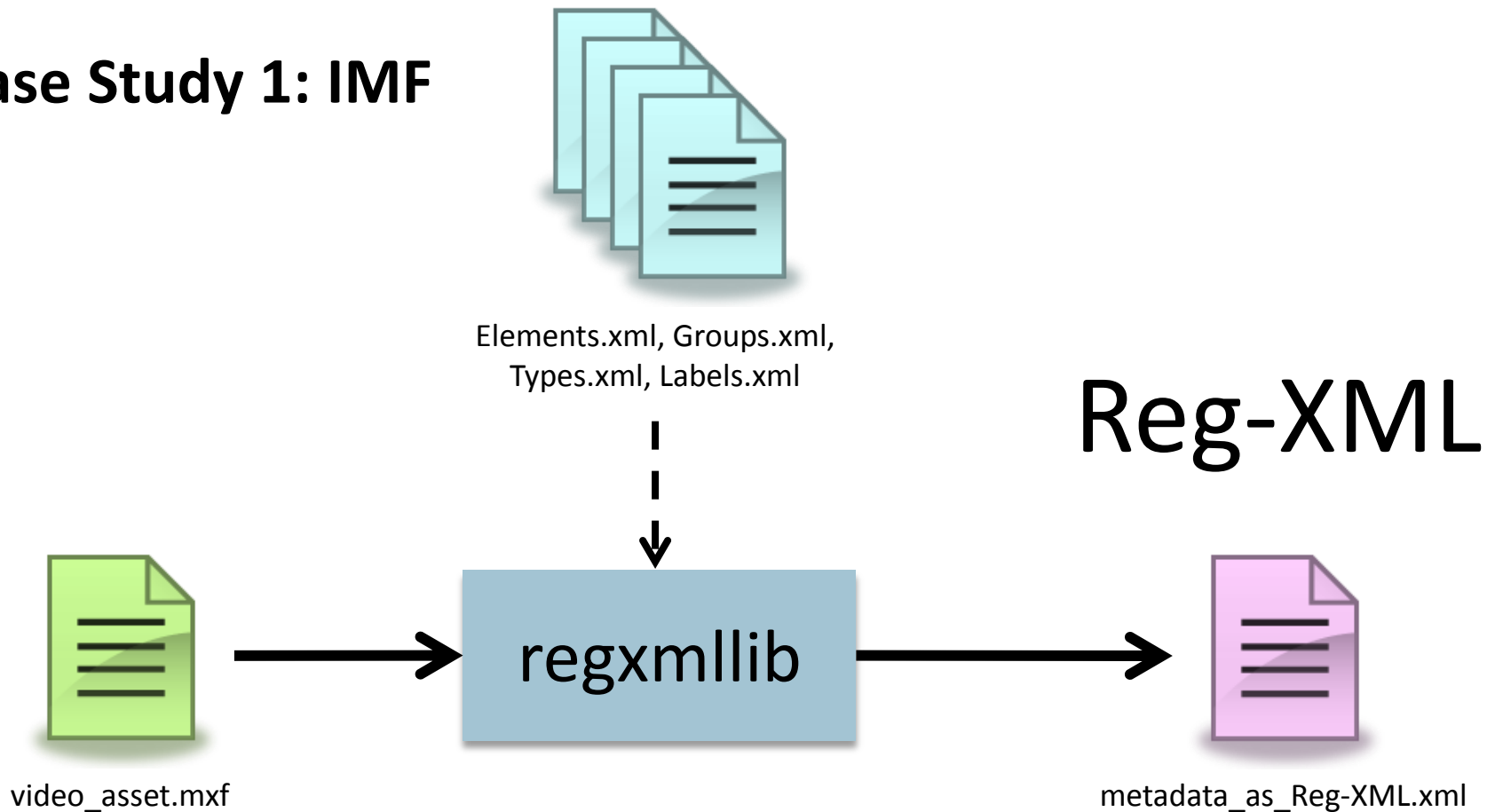
Manage

View

Case Study 1: IMF

Interoperable Master Format

Case Study 1: IMF




```
<r1:DescriptiveFrameworkObject>
  <r3:DM_AS_11_Core_Framework ns0:uid="urn:uuid:8cd9fbd4-f714-4654-848e-1f8b23ad917e">
    <r4:AS_11_Primary_Audio_Language>eng</r4:AS_11_Primary_Audio_Language>
    <r4:AS_11_Audio_Track_Layout>Layout_EBU_R_48_2a</r4:AS_11_Audio_Track_Layout>
    <r4:AS_11_Episode_Title_Number>DPP DM Test File</r4:AS_11_Episode_Title_Number>
    <r4:AS_11_Shim_Name>UK DPP HD</r4:AS_11_Shim_Name>
    <r4:AS_11_Series_Title>Series Title</r4:AS_11_Series_Title>
    <r4:AS_11_Closed_Captions_Present>False</r4:AS_11_Closed_Captions_Present>
    <r4:AS_11_Shim_Version>1.1</r4:AS_11_Shim_Version>
    <r4:AS_11_Programme_Title>Post Watershed Version</r4:AS_11_Programme_Title>
  </r3:DM_AS_11_Core_Framework>
</r1:DescriptiveFrameworkObject>
```

Case Study 2: AMWA AS-11 DPP

AMWA AS-11 – Digital Production Partnership (DPP) “Shims”

SMPTe Metadata Registers – currently published (Elements & Labels as .xls)

<http://www.smpte-ra.org/mdd/index.html>

AMWA AS-11 Rules

<http://www.amwa.tv/projects/rules/as-11/>

Digital Production Partnership

<https://www.digitalproductionpartnership.co.uk/>

SMPTe IMF – overview presentation

https://www.smpte.org/PDA_On-demand/IMF

regxmlib

<https://github.com/sandflow/regxmlib>

BBC R&D

<http://www.bbc.co.uk/rd>