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Source: RAI, DMAG-UPC, UPM, QMUL

Status: Proposal

Title: A request for updating to their latest versions the publicly available MPEG-21 schema assets for CEL, MCO, and MVCO

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MPEG-21 schema assets for CEL, MCO, and MVCO

1 Scope

This is a request for updating to their latest versions the publicly available MPEG-21 schema assets with respect to:

- Part 19 – Media Value Chain Ontology (MVCO)
 - including its latest amendment on Audio Extensions (AUMVCO)
- Part 20 – Contract Expression Language (CEL)
- Part 21 – Media Contract Ontology (MCO)

CEL and MCO published their 2nd Editions in 2016 and 2017, respectively, and MVCO recently approved its Amendment 1 on Audio Extensions (AUMVCO).

ISO has a web resource for publicly available standards at <http://standards.iso.org/ittf/PubliclyAvailableStandards> , with a “folder/sub-directory” specific for MPEG-21: http://standards.iso.org/ittf/PubliclyAvailableStandards/MPEG-21_schema_files/

2 Objectives

The request aims at:

- keeping up to date the schema files of the mentioned MPEG-21 standard parts at http://standards.iso.org/ittf/PubliclyAvailableStandards/MPEG-21_schema_files/,
- having available a centralized repository for these normative annexes,
- implementing the URLs which are specifically defined in the text of CEL and MCO,
- avoiding any ambiguity on the version of publicly available annexes.

3 Benefits

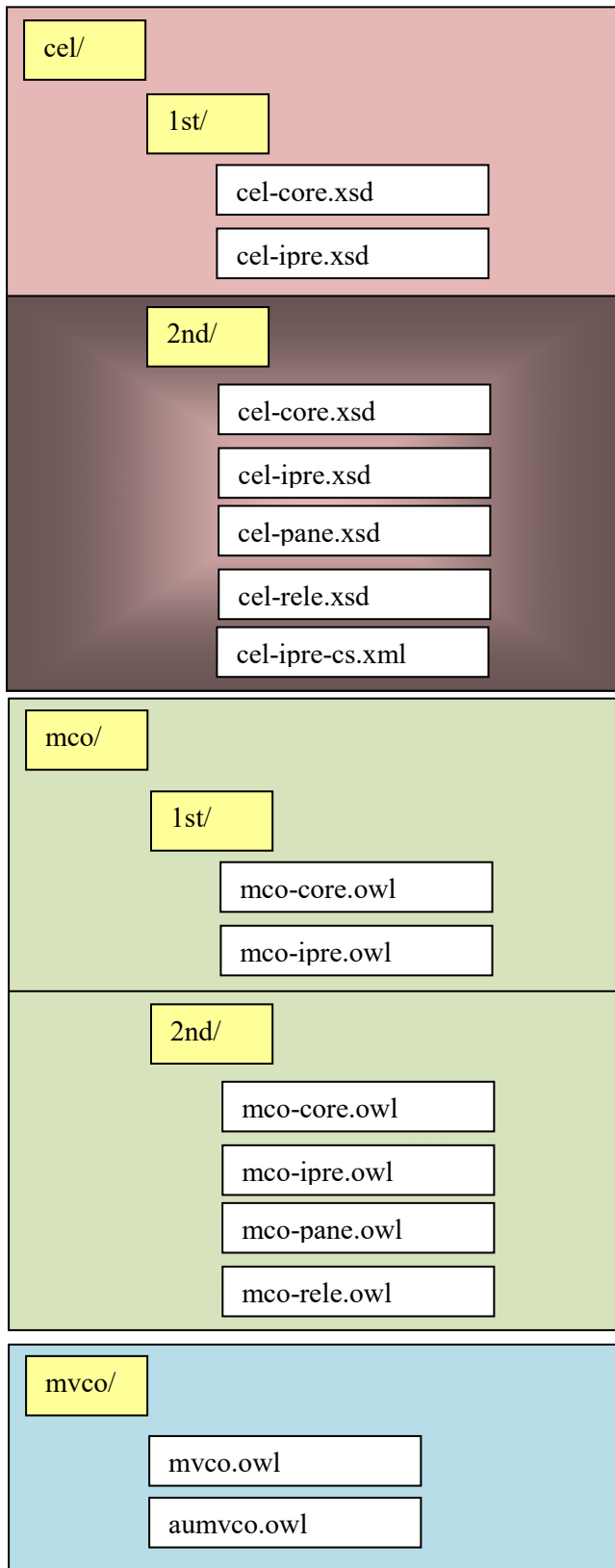
Collecting all these technical resources as publicly available (by contrast, the specification text might not be publicly available) will allow potential standard adopters to count on a reliable repository containing all the latest versions. Such technical resources are required for validating the work during implementation.

On the contrary, their lack can be seen as an important obstacle to the standards adoption.

4 MPEG-21 updated assets structure

The structure should be as follows:

http://standards.iso.org/ittf/PubliclyAvailableStandards/MPEG-21_schema_files/



5 Where the resources currently are

5.1 CEL

First Edition is in

http://standards.iso.org/ittf/PubliclyAvailableStandards/MPEG-21_schema_files/celxsd-mcoowl/

The folder “celxsd-mcoowl” can be removed after the update.

Second Edition was annexed to the approved text.

WG11 output document number:

ISO/IEC FDIS 21000-20 Contract Expression Language	13043
ISO/IEC IS 21000-20 2nd edition Contract Expression Language	15994

5.2 MCO

First Edition is in

http://standards.iso.org/ittf/PubliclyAvailableStandards/MPEG-21_schema_files/celxsd-mcoowl/

The folder “celxsd-mcoowl” can be removed after the update.

However, there has been a Corrigendum, so the version annexed to the Corrigendum (attachments to w14583) supersedes it.

Second Edition was annexed to the approved text.

WG11 output document number:

ISO/IEC FDIS 21000-21 Media Contract Ontology	13099
ISO/IEC 21000-21 COR 1	14583
ISO/IEC IS 21000-21 2nd Media Contract Ontology	15940

5.3 MVCO

`mvco.owl` can be found at its URI <http://purl.oclc.org/NET/mvco.owl> through redirection, which will need to be modified according to the final location.

`aumvco.owl` is the content of Annex C of the approved text. Its URI <http://purl.oclc.org/NET/aumvco.owl> can be arranged to redirect to the final location.

WG11 output document number:

ISO/IEC FDIS 21000-19 Media Value Chain Ontology	11146
ISO/IEC 21000-19 FDAM 1 Extensions on time-segments and multi-track audio	16816

6 Annex

For convenience, an annex (in ZIP format) is attached to this document providing a copy of the requested structure and the corresponding files.