Interoperable Master Format
State of the Union
Summer 2021

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IMF State of the Union

Summer 2021

The latest news on the Interoperable Master Format and component-based workflows.

General	Specifications	Events	Open source

General

Video: insights on the implementation of the IMF Output Profile List (OPL)
https://www.youtube.com/watch?v=5cXpWy8zdyo

Report: SMPTE ER 1005 IAB in OPL
This report discusses potential applications of Output Profile Lists (OPL) for the processing of Interactive Object Audio (IOA) packaged using the Interoperable Master Format (IMF).
https://www.smpte.org/technology-reports-downloads

Report: SMPTE ER 1006 Automated Processing with IMF OPL for AMWA AS11 Applications

This report identifies use cases for the broadcast community and makes recommendations for additional developments within the OPL framework to support such use cases.
https://www.smpte.org/technology-reports-downloads

Specifications

Best practices: Packaging & Delivery | Supplementals [new edition]

This new edition adds a description of common IMF use cases to the existing glossary of terms used in IMF workflows.
https://pub.imfug.com/002-packaging-delivery/

Public Committee Draft: SMPTE ST 2125 IMF Registration Service API

API for registering, listing and querying the location of assets used in IMF applications.
https://github.com/SMPTE/st2125

Public Committee Draft: SMPTE RDD 59-1 IMF Application DPP (ProRes)

Replaces SMPTE TSP 2121-1. Developed by the Digital Production Partnership (DPP) and North American Broadcasters Association (NABA), using the ProRes image codec to satisfy the requirements common to many in the broadcast and online sector.
https://github.com/SMPTE/rdd59-1

Public Committee Draft: SMPTE RDD 59-2 IMF Application DPP (JPEG 2000)

Replaces SMPTE TSP 2121-4. Developed by the Digital Production Partnership (DPP) and North American Broadcasters Association (NABA), using the JPEG 2000 image codec to satisfy requirements common to many in the broadcast and online sector.
https://github.com/SMPTE/rdd59-2

Events

SMPTE quarterly meetings
August 23-24 and 30-31, 2021 (virtual)
https://www.smpte.org/

UG plenary (members-only)
October 4, 2021 (virtual)
Join the UG

NABShow
9-13 October 2021, Las Vegas, NV, USA
https://nabshow.com/2021/

SMPTE annual technical conference
9 - 18 November, 2021
https://www.smpte.org/2021atc

IBC
3-6 December 2021, Amsterdam, NL
https://ibc.org

Open-source

imscHRM
Validate IMSC documents against the IMSC Hypothetical Render Model (HRM), which limits document complexity in order to improve interoperability across implementations.
https://github.com/sandflow/imscHRM

The Interoperable Master Format (IMF) User Group (UG) is a forum for the worldwide community of end-users and implementers of the IMF family of standards.