EIDR TIGER TEAM

EIDR Nomenclature
Nomenclature Changes

• Drop all references in EIDR documentation and presentations to Level 1 (L1), Level 2 (L2), Level 3 (L3), and Title Level. Reference StructuralType only as a DOI concept.

• Drop StructuralType from EIDR (generate it for DOI compatibility).

• Add a new RecordType element in BaseObjectData:
  – Collection (for Series, Season, and Compilation)
  – Abstraction (for works in the abstract)
  – Edit (for Edit and Clip, since Clip is just a special class of Edit)
  – Manifestation (Digital and Physical are properties of the Manifestation)
  – Restricted (used only for the Tombstone and Aliased records)

• Add a new required CompilationType (Abstraction, Edit, Manifestation) and ManifestationType (Digital, Physical) to their respective ExtraObjectMetadata.
Nomenclature Change Considerations

• Why?
  – Disney, NBCU, and Warner Bros. raised concerns over confusion among EIDR’s industry partners (e.g., Common Metadata, DPP, EMA, and IMF).
  – Simplifying/clarifying EIDR terminology will help with industry outreach and streamline new Member onboarding.

• When?
  – Documentation can be changed immediately (synchronized with 2.2 release, if any)
  – Schema changes would either be in EIDR 2.2 (4-7 months) or 3.0 (2 years)

• Impact if EIDR 2.2
  – Existing integrations will not be affected – new users/integrations will use new 2.2 materials
  – Costs for EIDR to update Registry, De-Dupe, SDKs, Tools, Web UI, and compatibility mode

• Impact if EIDR 3.0
  – Costs absorbed into 3.0
  – Avoid the immediate need for a 2.2 release
  – Confusion in the interim as we maintain two nomenclature sets (documentation vs. schema)
The Tiger Team recommends adoption of the proposed nomenclature changes and deferred implementation of the schema updates as part of EIDR 3.0.

Upon TBWG Approval:
- Documentation updates will begin immediately, starting with our promotional/outreach materials
- A call will go out to the Promoters to approve the schema changes

Upon Promoter Approval:
- We will develop budget and schedule estimates for executive approval
EIDR Nomenclature Tiger Team

BACKGROUND MATERIALS
Disney, NBCU, and Warner Bros. raised concerns over certain EIDR terms and how they were being used by industry partners (e.g., DEG, EMA).

- Warner Bros. brought the issue to the monthly TWG, where we decided to convene a Tiger Team to discuss the issue and find solutions.

- You are that Tiger Team.
## The Fractured State of EIDR Terminology

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<td>Series, Season, Episode, Interactive, Footage, Compilation</td>
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<td>Movie, TV, Web, Short, Supplemental, Compilation, Interactive, Footage, Radio</td>
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A Modest Proposal

- Drop Structural Type from EIDR (generate it for DOI compatibility)
- Add new Record Type element in Base Object Data:
  - Collection (for Series, Season, and Compilation)
  - Abstraction (for works in the abstract)
  - Edit (for Edit and Clip, since Clip is just a special class of Edit)
  - Manifestation (Digital and Physical are properties of the Manifestation)

NOTES:
- Referent Type describes the fundamental nature of the primary work (the “referent”)
- Digital/Physical are also DOI terms
Television Series example

Collection EIDR

Series

Season 1
Season 2
... Season n

Abstraction EIDR

Episode 1
Episode 2
... Episode n

Edit EIDR

Episode 1 (Broadcast)
Episode 2 (Broadcast)
... Episode n (Broadcast)

Manifestation EIDR

Episode 1 (EST UHD)
Episode 2 (EST UHD)
... Episode n (EST UHD)
Television Composite Episode example

Collection EIDR

Abstraction EIDR

Edit EIDR

Manifestation EIDR

Series

Season 1

Season 2

... Season n

Episode 1

Episode 2

Episode 1 + 2 Composite

IsCompositeOf

IsCompositeOf

Light Weight Relationship (LWR)

Episode 1 (Broadcast)

Episode 2 (Broadcast)

Episode 1 + 2 (Broadcast)

Episode 1 (EST UHD)

Episode 2 (EST UHD)

Episode 1 + 2 (EST UHD)
Feature with Multiple Versions with Trailer example

Abstraction EIDR

Edit EIDR

Manifestation EIDR

Feature

Feature

Feature

Feature

Trailer 1

Feature

Feature

Feature

Trailer 1

Feature

Feature

Feature

Trailer 1

Feature

Feature

Feature

Feature

Feature (Theatrical Edit) (EST UHD)

Feature (Director’s Cut) (EST UHD)

Feature (Censorship Edit) (EST UHD)

Trailer 1 (EST UHD)

IsPromotionOf

Light Weight Relationship (LWR)
• “Collections” is a new term of art for EIDR, but not a new concept.
• Previously, “Abstractions” included abstract work IDs and additional things that were something else: Series, Seasons, and Compilations.
  – These aren’t things that can be viewed (they are not audiovisual works).
  – They contain things that can be viewed (episodes, edits, etc.).
• Other terms could have been used (bundles, containers, groups, etc.), but those terms are overloaded with too many other meanings.
• The underlying EIDR architecture remains unchanged, we’ve just cleaned up our terminology so:
  – Abstractions are now only abstract work IDs
  – Collections are abstract objects that represent collections of other items
A Case for Manifestation

FIAF (International Federation of Film Archives) uses a 4-level metadata structure in keeping with CEN (European Committee for Standardisation) European standards for the description of Cinematographic works (EN15907):

• Work – EIDR Abstraction
• Variant – EIDR Edit
• Manifestation – EIDR Manifestation
• Item – Physical Product (not tracked in EIDR)
• We drop all references (text and diagrams) to Level 1 (L1), Level 2 (L2), Level 3 (L3), Title Level, and the Structural Types.

• In their place, we talk about the hierarchy of [Collection,] Abstraction, Edit, and Manifestation.

• NOTES:
  – Certain contexts may ignore Collection and just focus on Abstraction, Edit, and Manifestation.
They may be used differently based on their contents
- Compilations can contain Abstractions, Edits, or Manifestations
- Manifestations can contain Digital or Physical Tracks and Track Containers
- The business rules that apply may vary depending on these contents

This is an issue for “empty” or “generic” records
- A “Has Other Inclusions” Compilation with no Entry inventory
- A “Generic” Manifestation with no Track or Track Container details

Add a new required “Type” in the respective Extra Object Metadata
- Compilation Type: Abstraction, Edit, Manifestation (which must match any Entries)
- Manifestation Type: Digital or Physical (which must match any Tracks/Containers)
Record Type Default Values

- Record Type is set by the Registry (ignored if supplied by the user):
  - Edit for records with EditInfo or ClipInfo
  - Manifestation for records with ManifestationInfo
  - Collection for records with SeriesInfo, SeasonInfo, or CompilationInfo
  - Abstraction for all other records

- For 2.x data conversion, process in order:
  - IF EditInfo exists OR ClipInfo exists THEN Record Type = Edit
  - ELSE IF Referent Type is Series/Season/Compilation THEN Record Type = Container
  - ELSE IF ManifestationInfo exists Record Type = Manifestation and Manifestation Type = Digital
  - ELSE Record Type = Abstraction
EDIR Record Type converts to DOI Structural Type as:

- Abstraction = Abstraction
- Container = Abstraction
- Edit = Performance
- Manifestation = Manifestation Type (Digital / Physical)
Additional Registry Validation Rules

- Record Type is schema-optional; but required by business rules
- Record with EditInfo, Parent’s Record Type = Abstraction or Edit
- Record with ClipInfo, Parent’s Record Type = Edit
- Record with ManifestationInfo, Parent’s Record Type = Edit, Manifestation; or Parent’s Compilation Class = Edit/Manifestation
- Compilation Entries’ Record Type = Compilation’s Compilation Type
- Composite Elements’ Record Type = Abstraction or Edit
Feedback from Industry Partners

• We reviewed the potential impact of the proposed changes on:
  – EMA Avails (1.7.2 XLS, 2.2 XML)
  – Common Metadata (EMA/DEG MEC and MMC)
  – IMF
  – DPP

• In summary, these groups are accepting of our proposals short of changing “Manifestation”