How the Hydra Metadata Interest Group can Inform Fedora
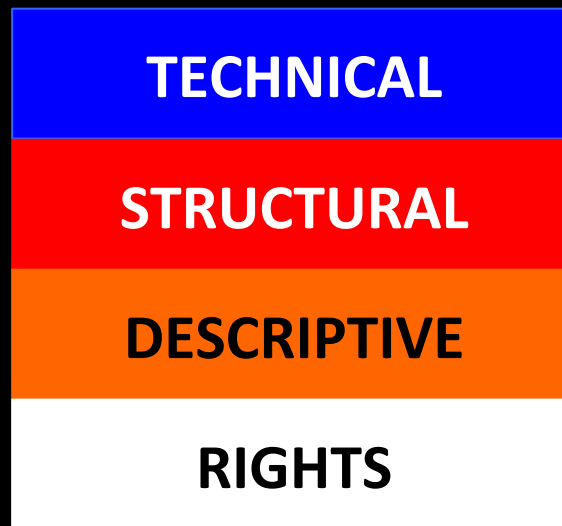
Juliet L. Hardesty

Metadata Analyst, Indiana University

Hydra Virtual Connect, July 7, 2016

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Hydra Metadata Interest Group (HMIG)

- Est. March 2015 by Karen Estlund

TECHNICAL
STRUCTURAL
DESCRIPTIVE
RIGHTS

HMIG Scope & Objectives

This group is interested in working together on base metadata recommendations, as a possible next step of the successful community data modeling, Portland Common Data Model.

The larger goals of the Metadata Interest Group are to:
- Identify models that may help Hydra newcomers
- Further interoperability among Hydra projects

The scope of this group concentrates primarily on using Fedora 4.

The group is ambitiously interested in best practices and help with technical, structural, descriptive, and rights metadata, as well as LDP implementation issues.

This working group is not creating a new standard or implying any metadata constraints for Hydra projects.

HMIG Members

- Over 20 institutions
  - open to anyone
- Working Groups
  - activity-based, multi-institutional
  - open to licensed Hydra contributors

Working Groups - Completed
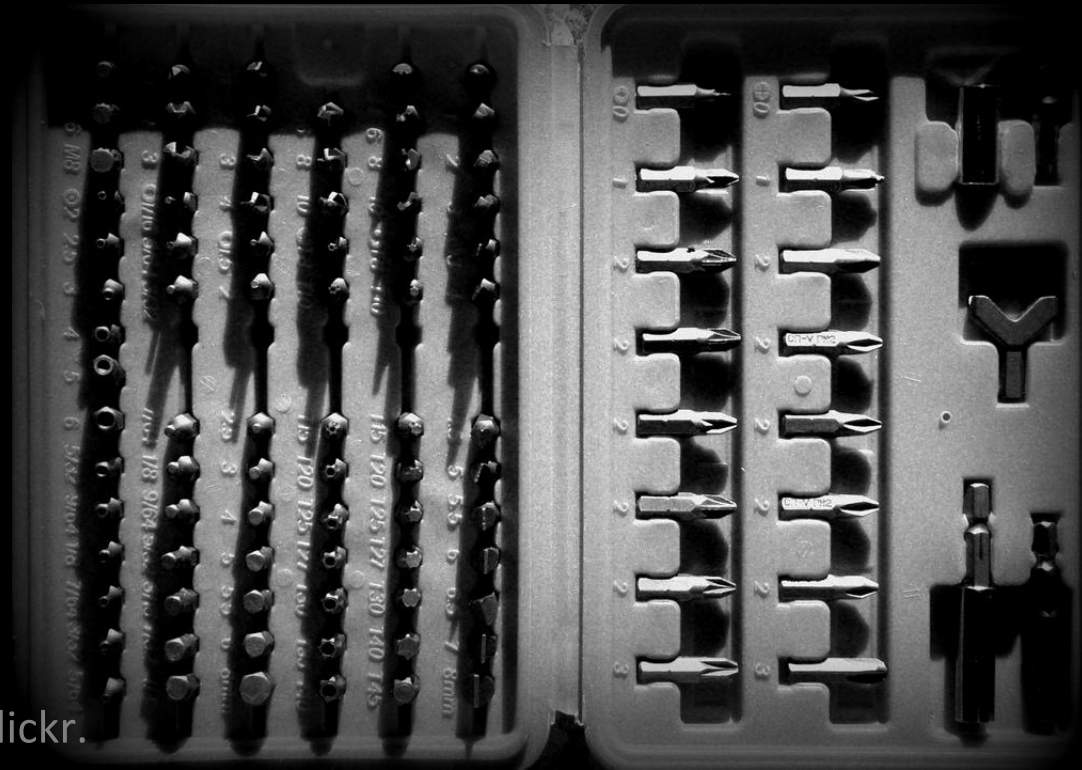
- Technical
- Rights
- Segment of a File

COMPLETED

Working Groups – In progress

- Descriptive
  - MODS and RDF subgroup
- Applied Linked Data
- URI Management

IN PROGRESS

Technical

- Baseline recommendations can be used on nonRDFResource (binary file) when uploaded to Fedora

Rights

- Rights statement
- Rights holder
- Require at Fedora object level?

Descriptive

- Considering different ways to model (UCSD/UCSB)
- One idea based on DPLA/Europeana data models
  - Required
    - Title
    - Rights
    - Data Provider
    - Is shown at (URL)
  - Require at Fedora object level?
- Share pain points implementing descriptive in RDF

MODS and RDF Subgroup

- Mapping complex MODS XML to RDF
- Migration step - offer to apply this mapping for MODS XML?

Applied Linked Data

- Linked Data Fragments server interface
- Faceting and search of linked data in an application
- Recommendations for Linked Data vocabularies

URI Management

- Recommendations for creating and maintaining URIs
- Functional requirements for a Hydra vocab manager

Structural

- Referring to segments of a file
- PCDM?
- Translate METS?

HMIG communication to Fedora

- Recommendations shared with Hydra/Islandora community
- Recommendations can also be shared with Fedora community

Fedora feedback

- Implementers
- Developers
- We'd like to hear from you!

THANKS!

- Julie Hardesty, HMIG Facilitator
- jlhardes@iu.edu
- @jlhardes

Hydra Metadata Interest Group on Duraspace wiki:
https://wiki.duraspace.org/display/hydra/Hydra+Metadata+Interest+Group

#metadata on project-hydra slack