Sufia Sprint - 2015-05-04 thru 05-15

Table of Contents

- Hydra/PCDM May Sprint
- Sufia Team
  - Documentation and References
- Sub-components Team
  - Discussions
  - References for LDP and PCDM
    - LDP examples and scripts
  - Diagrams and Documentation
    - Key GitHub Issues discussing models
    - Titles of email threads

Hydra/PCDM May Sprint

- Hydra/PCDM May Sprint: Google Doc listing sprint participants, links to many of the documents linked to from this page, and outlining the sprint ticket process (at the end of the doc).

Sufia Team

Documentation and References

- Sufia Sprint UI Design: outline of Sufia UI changes, with wireframes for most of them

Sub-components Team

The document CurationEngine & CurationConcerns: Breaking up Sufia, Worthwhile, Hydra::Works, etc. outlines the near future for this whole stack of code, including the goals for the sub-component team's work on the current sprint.

Discussions

- ActiveFedora aggregations - How to and Best Practices
- Related Objects - low level implementation
- Service Object Approach
  - first service object implementation: hydra-works #72
- CurationEngine & CurationConcerns: Breaking up Sufia, Worthwhile, Hydra::Works, etc.

References for LDP and PCDM

- LDP Specification: W3C specification of LDP (somewhat convoluted language, but the authoritative resource on LDP)
- LDP Primer: an easier-to-read walkthrough of LDP concepts
- LDP implementation of the Portland Common Data Model: outline of how PCDM maps to LDP, with a specification of the containers and properties to use
- LDP Containers for the Perplexed: Hector's walkthrough of the different kinds of LDP containers
- Portland Common Data Model: main PCDM wiki page
- PCDM ontology: RDF ontology for PCDM (and a few peripheral vocabularies in pull requests)

LDP examples and scripts

- LDP-PCDM-F4 In Action: LDP/PCDM example with diagrams and scripts
  - ldp_pcdm_f4_in_action: Hector's version
  - ldp_pcdm_f4_in_action: Lynette's version
  - sufiapcdm: Sufia-based example scripts

Diagrams and Documentation

- Hydra::Works PCDM Diagram: high-level diagram of Sufia's PCDM implementation
- Inheritance vs. Mixins with Hydra::Works and Hydra::PCDM: diagrams of several scenarios for using single inheritance vs. multiple inheritance for including
- Hydra::Works in Sufia and beyond
  - CurationEngine & CurationConcerns: Breaking up Sufia, Worthwhile, Hydra::Works, etc. - Document outlining the near future for this whole stack of code
  - Works/CurationConcerns in Hydra::Works, Worthwhile and Sufia: diagrams showing how Worthwhile fits in to this, and proposing alignment of Sufia and Worthwhile
  - Sufia - Worthwhile alignment factors spreadsheet with details of Sufia/Worthwhile alignment proposal
- A pseudo-code map of how the gems, modules, and classes are starting to look.
- Sample diagrams of PCDM for various models (created after LDCX)
• Hydra: PCDM Files in the RDF Graph
• PCDM: Book (one specific example)
• Example with member and related objects, files and related files

Key GitHub Issues discussing models

• Allow aggregates method to be used multiple times in a class #11

Titles of email threads

• [hydra-tech] LDP Containers for the perplexed (4/15 - 4/26)
• [hydra-tech] Sufia "Work" Model (4/16 - 4/24)