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Hyrax as a Publishing Platform

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Jon McGlone

MICHIGAN PUBLISHING
UNIVERSITY OF MICHIGAN LIBRARY

Samvera Connect

November 6, 2017

Welcome to Samvera Connect!

- **Code of Conduct**
- **Samvera Community Helpers**

Code of Conduct

The Samvera community is dedicated to providing a welcoming and positive experience for all its members, whether they are at a formal gathering, in a social setting, or taking part in activities online. The Samvera community welcomes participation from people all over the world and these community members bring with them a wide variety of professional, personal and social backgrounds; whatever these may be, we treat colleagues with dignity and respect.

Code of Conduct

Community members communicate primarily in English, though for many of them this is not their native language. We therefore strive to express ourselves simply and clearly remembering that unnecessary use of jargon and slang will be a barrier to understanding for many of our colleagues. We are sensitive to the fact that the international nature of the community means that we span many different social norms around language and behaviour and we strive to conduct ourselves, online and in person, in ways that are unlikely to cause offence.

Samvera conversations are often information-rich and intended to generate discussion and debate. We discuss ideas from a standpoint of mutual respect and reasoned argument.

Code of Conduct

Community members work together to promote a respectful and safe community. In the event that someone's conduct is causing offence or distress, Samvera has a detailed Anti-Harassment Policy which can be applied to address the problem. The first step in dealing with any serious misconduct is to contact a local meeting organizer, the Samvera Community Helpers (email), a community member you trust, or the Samvera Steering Group membership immediately; at Samvera events, these people can be identified by distinctive name badges. The Anti-Harassment Policy should be consulted for fuller details.

Look for the Helpers

The Samvera Community Helpers is a group of volunteers who are committed to providing help to others within the Samvera Community whether arising from the [Anti-Harassment Policy](#) or responding to general help requests.

Full list here:

https://wiki.duraspace.org/display/samvera/Samvera+Community+Helpers

Look for the Helpers

1. Mike Giarlo, Stanford (mjgiarlo@stanford.edu, mjgiarlo on GitHub, Twitter, Freenode)
2. Bess Sadler, Stanford (bess@stanford.edu, bess on GitHub & Freenode, @eosadler on Twitter)
3. Esmé Cowles, Princeton (escowles@princeton.edu, escowles on GitHub, Twitter, Freenode)
4. Linda Newman, University of Cincinnati (newmanld@ucmail.uc.edu, newmanld on GitHub, @NewmanLindaUC on Twitter)
5. Michael B. Klein, Northwestern University (michael.klein@northwestern.edu, mbklein on GitHub, Twitter, Freenode)
6. Chris Awre, University of Hull (c.awre@hull.ac.uk, clawre on GitHub and Twitter)
7. Mark Bussey, Data Curation Experts (mark@curationexperts.com, mark-dce on github, mhbussey on Skype)
8. Tom Cramer, Stanford (tcramer@stanford.edu, tomcramer on GitHub, @tcramer on Twitter)
9. Declan Fleming, UC San Diego (dfleming@ucsd.edu, @declan on Twitter)
10. Rosalyn Metz, Emory (rmetz@emory.edu, rosy1280 on GitHub, @rosy1280 on Twitter)
11. Karen Estlund, Penn State (kestlund@psu.edu, kestlund on Github, @estlundkm on Twitter)
12. Hannah Frost, Stanford (hfrost@stanford.edu, hannahfrost on GitHub, @feefifofannah on Twitter)
13. Mark Matienzo, Stanford (matienzo@stanford.edu, anarchivist on GitHub, Twitter, Freenode)
14. Steve Van Tuyl, Oregon State University (steve.vantuyl@oregonstate.edu, vantuyls on GitHub and Slack, @badgerbouse on Twitter)
15. Jeremy Friesen, University of Notre Dame (jfriesen@nd.edu, jeremyf on Github, jeremyfriesen on Slack)

Overview

- **What is Fulcrum?**
  - The big problem we're trying to solve.
- **Who is developing Fulcrum?**
  - The development team.
- **What is Fulcrum for?**
  - The business cases we want to support.
- **What is a publishing platform anyway?**
  - Features distinct from other Samvera apps.
- **How are these features implemented?**
  - How we're using Samvera… and how we're not.
- **What do you think?**
  - Group discussion.

Please note:

- **We don't claim to have solved anything**

- **Please ask questions**

- **Let us know what you find interesting**

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Why this workshop?

- **Publishing as an outlier in the Samverasphere?**

- **Elsevier spurred conversation**

- **Looking for areas of overlap for future collaboration**

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Who are you?

- **Name**

- **Affiliation**

- **Your interest in this workshop**

What is Fulcrum?

Who is Michigan Publishing?

- **University of Michigan Press**
  - Scholarly monographs, regional titles + ELT textbooks

- **Michigan Publishing Services**
  - Campus services, books + journals

- **Deep Blue**
  - Institutional repository

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Who is developing Fulcrum?

- **Jeremy Morse**
  - Resource Manager, Solutions Architect

- **Melissa Baker-Young**
  - Project Manager

- **Jon McGlone**
  - Senior Web Developer, UI/UX Specialist

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Who is developing Fulcrum?

- **Seth Johnson**
  - Senior Application Programmer

- **Conor O'Malley**
  - Application Programmer

- **Greg Kostin**
  - Application Programmer

- **Moses Hall**
  - Application Programmer

with generous support from

What is Fulcrum for?

- **Supplemental Materials**
- **Ebooks**
- **Ebook collections**
- **Hosted Services**
- **Campus Publishing Services**

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Supplemental Materials

- Companion site for print books

- May include higher-quality version of media included in the book

- Solving the "author website" problem

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Ebooks

- **Hosting the digital text + embedded media**

- **Available for individual sale (or Open Access)**

- **Read online or download**

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Ebook collections

- **Subscription-based access to a corpus**

- **May continue to grow**

- **May have a dedicated discovery portal**

Hosted Services for Partner Publishers

- **White-label hosting**

- **Annual fee + per title fee**

- **Offer additional production services**

- **DIY publishing**

Campus Publishing Services

- **Similar to hosted services, with a different kind of relationship**

- **Books**

- **Journals**

- **Digital Projects**

- **Course Materials**

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Deep Blue Data

- **Sibling Samvera app at Michigan**
  - Shared repository but separate apps

- **Relationship with Fulcrum content needs to be worked out**
  - What if "supplemental material" includes a research dataset?
  - What if our authors have no Michigan affiliation?
  - Does Fulcrum have its own instance of the code?

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What is a publishing platform anyway?

Some features that might not be obvious...

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Metadata Feeds

- **Pulling in from an existing datasource**
  - Title management systems
  - MARC records (from an LMS)

Metadata Feeds

- **Sharing feeds**
  - ONIX
  - DOI registration
  - Aggregators & Indexers
    - EBSCO Discovery Service
    - Ex Libris' Primo Central
    - etc.

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Stats & Analytics

- **Multiple varieties of reporting for a variety of users**

Stats & Analytics

- **COUNTER reports**

Stats & Analytics

- **Push notifications**
  - Including to authors

Monthly Google Analytics Reports

From	mbakeryo@umich.edu
To	████████████████████
Subject	[Fulcrum] Northwestern Monthly Reports

Attachments   📄 **PDF**   AUDIENCE OVERVIEW ⊗   LOCATION ⊗   NEW VS RETURNING ⊗   BROWSER & OS ⊗   OVERVIEW ⊗   CHANNELS ⊗   REFERRAL TRAFFIC ⊗   PAGES ⊗   LANDING PAGES ⊗   EXIT PAGES ⊗   SITE SEARCH USAGE ⊗   SEARCH TERMS ⊗   TOP EVENTS ⊗

Frequency	Monthly ▾ Day of Month 1st ▾
Expires on	Oct 19, 2018 Extend

████████

Please find attached these monthly Fulcrum analytics reports:

1. Audience Overview
2. Location
3. New vs. Returning
4. Browser and OS
5. Technology Overview
6. Channels
7. Referrals
8. Top Pages
9. Top Exit Pages
10. Top Landing Pages
11. Search Terms
12. Site Search Usage
13. Top Events

You may also be interested in reviewing the Data Studios report, which you can find here: https://datastudio.google.com/open/0B-CNui8jTxj4ZU1JSy1yYWVZdG8.

Please let me know if you have any questions/concerns/or suggestions for how to improve these reports.

Thanks,
MBY

Data Studios Reports

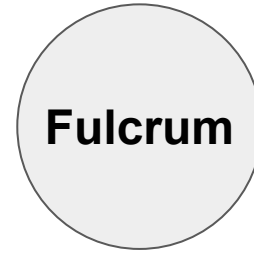# Stats & Analytics

- **Analytics through the dashboard**

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Ingest Workflows

- **Aligning publishing workflow**
  - Assume mediation all the way through

Ingest Workflows

Publication process

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Ingest Workflows

Publication process

Ingest Workflows

- **Collecting the metadata and assets**

Ingest Workflows

- **Ingesting the metadata and assets**

Presentation

- **Formatting within metadata**

Kapellmeister Kreisler in Insanity, drawing

From *The Director's Prism: E. T. A. Hoffmann and the Russian Theatrical Avant-Garde* by Dassia N. Posner

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Presentation

- **Formatting within metadata**

Translation

Chronometrage of Inspector General, *established by production author V. E. Meyerhold.*

Part 1:

    1. An Unexpected Affair: 24 min.
    2. After Penza: 26.5 min.
    3. Full of Most Tender Love: 19 min.

Part II:

    4. The Procession: 9.5 min.
    5. Behind a Bottle of Tolstobriushka: 27 min.
    6. An Elephant Knocked off its Feet: 11 min.
    7. Bribes: 17 min.
    8. Master of Finances: 6.5 min.
    9. Kiss Me: 19 min.

Part III:

    10. The Blessing: 7 min.
    11. Dreams of Saint Petersburg: 12 min.
    12. Celebration as Celebration: 23 min.
    13. Universal Embarrassment: 8 min.
    14. Dumb show: 1 min.

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Presentation

- **Heavier metadata requirements (i.e. more fields)**
- **Lots of custom metadata fields**
  - **Per press, per book, per journal**

Required (for book):
Title/Subtitle
Author
Description
ISBN/format
Link to purchase
Publisher
Subject(s)

Required (for assets):
Title
Resource Type
Externally Hosted Resource
Caption
Alternative Text
Copyright Holder
Copyright Status
Allow Hi-Res Display?
Allow Download?
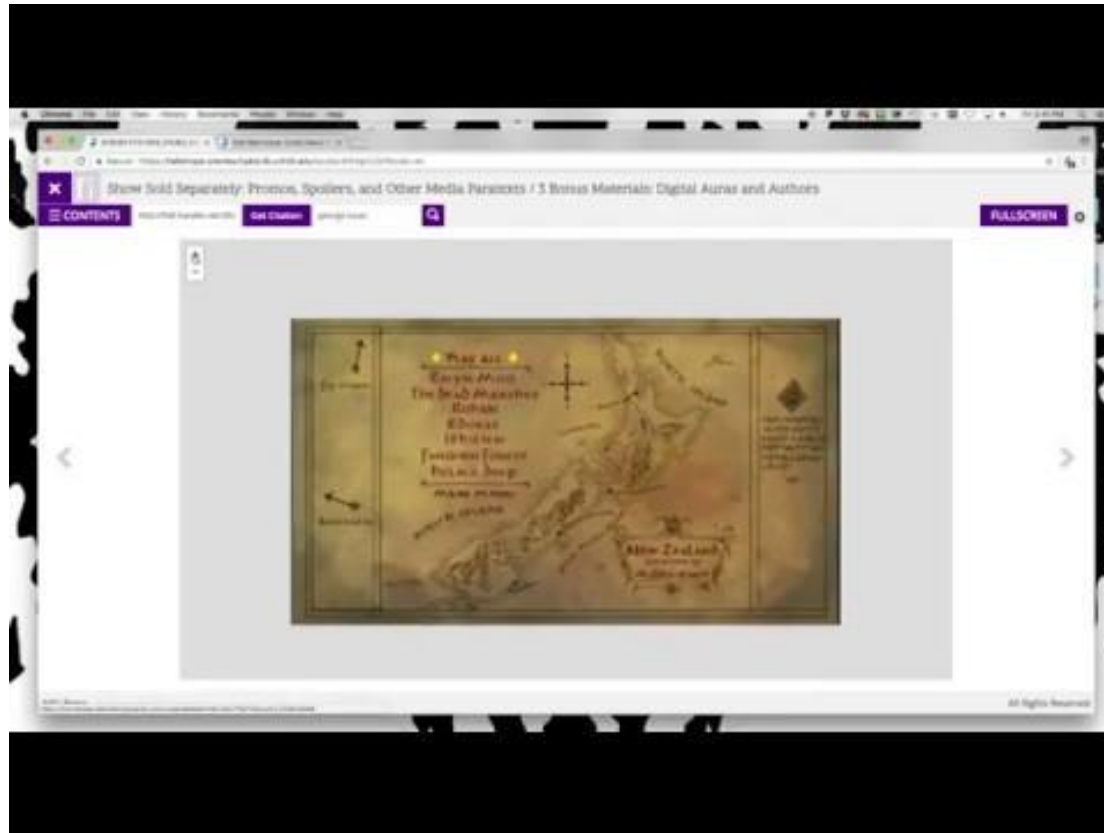Persistent ID - Display on Platform

Presentation

- **A publication isn't just the sum of its parts**

How are these features implemented?

Ingest Workflow

- **Enhanced Art Log**.

	A	B	C	D	E	F
1	**File Name**	**Title**	**Resource Type**	**Externally Hosted Resource**	**Caption**	**Alternative Text**
2	This should be a uniquely* named file with the correct file extension. List the objects in the order that they should display on the platform. For externally hosted files, you may leave this field blank. Please use alphanumerics and underscores only. Using symbols or diacritics in file names may cause uploading issues. *For assets that will be related to more than one section, list the asset once and identify all of the sections in the Section field. Separate the sections with semicolons.	The title of the object. A name given to the resource. Examples: title of a painting, photo, video. This title will frequently be seen in the context of the monograph and other metadata (dates, creator) associated with this object, and should be appropriately brief, typically no more than 50 characters. Some examples: --*Kapellmeister Kreisler in Insanity*, drawing --Costume design for the Kapellmeister/Pianist in *Columbine's Veil* --Map of Maine's Moosehead Lake --Shooting the Rapids	The type of resource the digital asset being hosted in the platform is. For example: image, dataset, video, audio, text, 3D model, table, etc. Please select from among the terms in the drop-down list.	Using the drop-down list, select if the digital asset will be hosted externally, meaning, no digital asset will be uploaded to the Fedora repository (Yes/No). Yes means that the digital asset is externally hosted. No means that the digital asset will be hosted on the Fedora repository.	A short explanation or description of the object. The caption may be the same as what would appear in the book, if the object is also in the book.	This is the text that will be accessibility purposes an Alternative text allows the function of an image to b text-only readers, such as technology used by visua the Web. For example: A watercolo people paddling through canoe. If the digital asset is an e resource, you can leave t
3						
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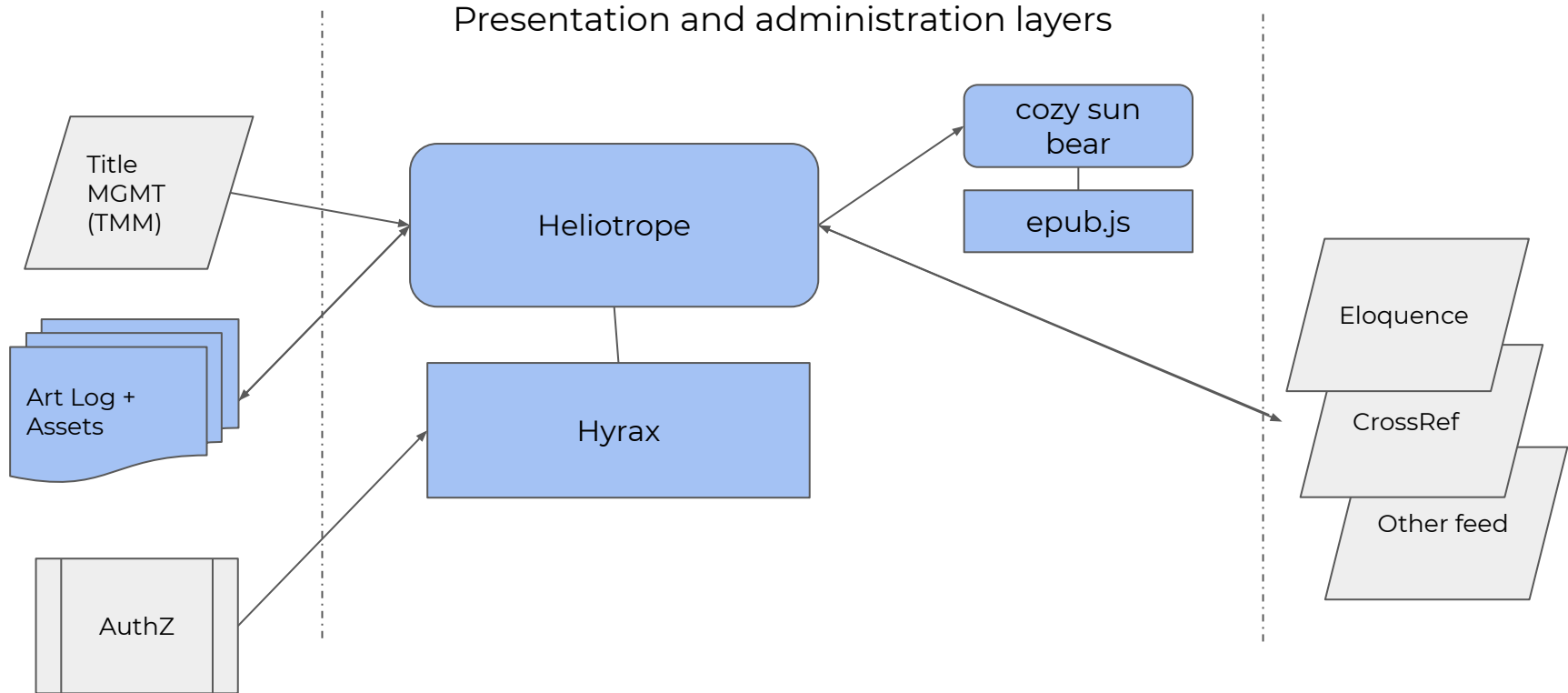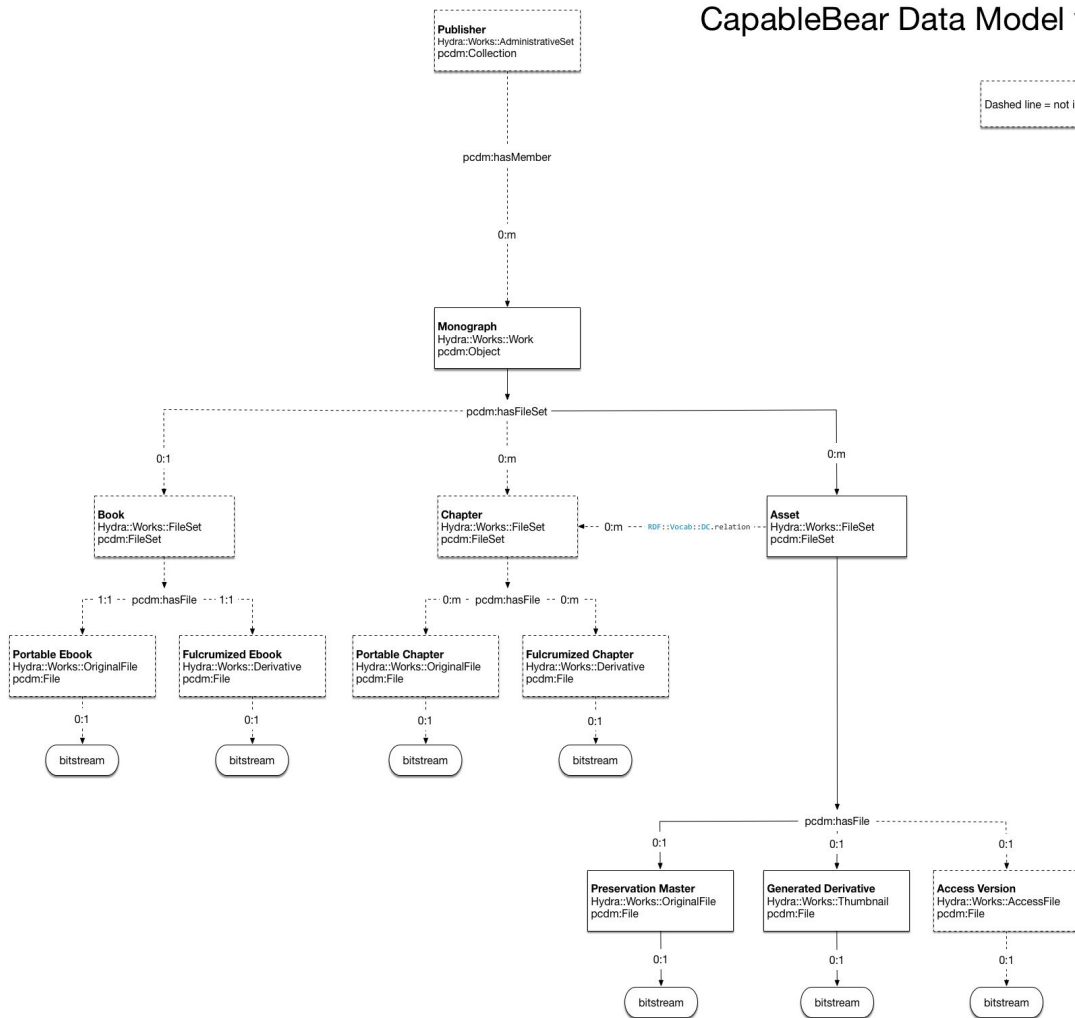Fulcrum ▾ ART_Specs ▾ Permissions ▾ Original ▾ Sheet2 ▾

Overview of Architecture

Presentation and administration layers

Title MGMT (TMM)

Art Log + Assets

AuthZ

Heliotrope

Hyrax

cozy sun bear

epub.js

Eloquence

CrossRef

Other feed

Data Model

CapableBear Data Model v0.6

2017-05-10

Dashed line = not implemented

Publisher
Hydra::Works::AdministrativeSet
pcdm:Collection

pcdm:hasMember

0:m

Monograph
Hydra::Works::Work
pcdm:Object

pcdm:hasFileSet

0:1

0:m

0:m

Book
Hydra::Works::FileSet
pcdm:FileSet

Chapter
Hydra::Works::FileSet
pcdm:FileSet

0:m — RDF::Vocab::DC.relation

Asset
Hydra::Works::FileSet
pcdm:FileSet

1:1 — pcdm:hasFile — 1:1

0:m — pcdm:hasFile — 0:m

Portable Ebook
Hydra::Works::OriginalFile
pcdm:File

Fulcrumized Ebook
Hydra::Works::Derivative
pcdm:File

Portable Chapter
Hydra::Works::OriginalFile
pcdm:File

Fulcrumized Chapter
Hydra::Works::Derivative
pcdm:File

0:1

0:1

0:1

0:1

bitstream

bitstream

bitstream

bitstream

pcdm:hasFile

0:1

0:1

0:1

Preservation Master
Hydra::Works::OriginalFile
pcdm:File

Generated Derivative
Hydra::Works::Thumbnail
pcdm:File

Access Version
Hydra::Works::AccessFile
pcdm:File

0:1

0:1

0:1

bitstream

bitstream

bitstream

What do you think?

- What parts of this resonate for you?
- What kinds of publishing-related service requests are you hearing from your communities?
- Any interest in fully-encoded texts?
- What needs to happen for Samvera stack to fulfill publishing needs?
- Is Fulcrum software applicable outside of publishing? Are there other ways to use Fulcrum (beyond publishing)
  - What counts as "publishing"?

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