



Hydra: One Body, Many Heads for Digital Repositories

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EDUCAUSE 2016 - Anaheim - October 26, 2016

What is Hydra?

What is Hydra?

A community

And an open source *technology framework*
for *digital repository applications*

Digital Repositories

- Content management / digital asset management for the long term
 - Access
 - Digital preservation
 - Around since the early to mid 2000s
 - Variety of technology/product options
 - Open source: Eprints, Fedora, DSpace, ...
 - Commercial: Digital Commons, ContentDM, ...
-

Repository-Powered Approach

ETDs
(Theses)

Books,
Articles

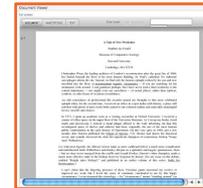
Images

Audio
visual

Research
Data

Maps
& GIS

Documents



Scalable, Robust, Shared
Management and
Preservation Services

One Body, Many Heads...

ETDs
(Theses)

Books,
Articles

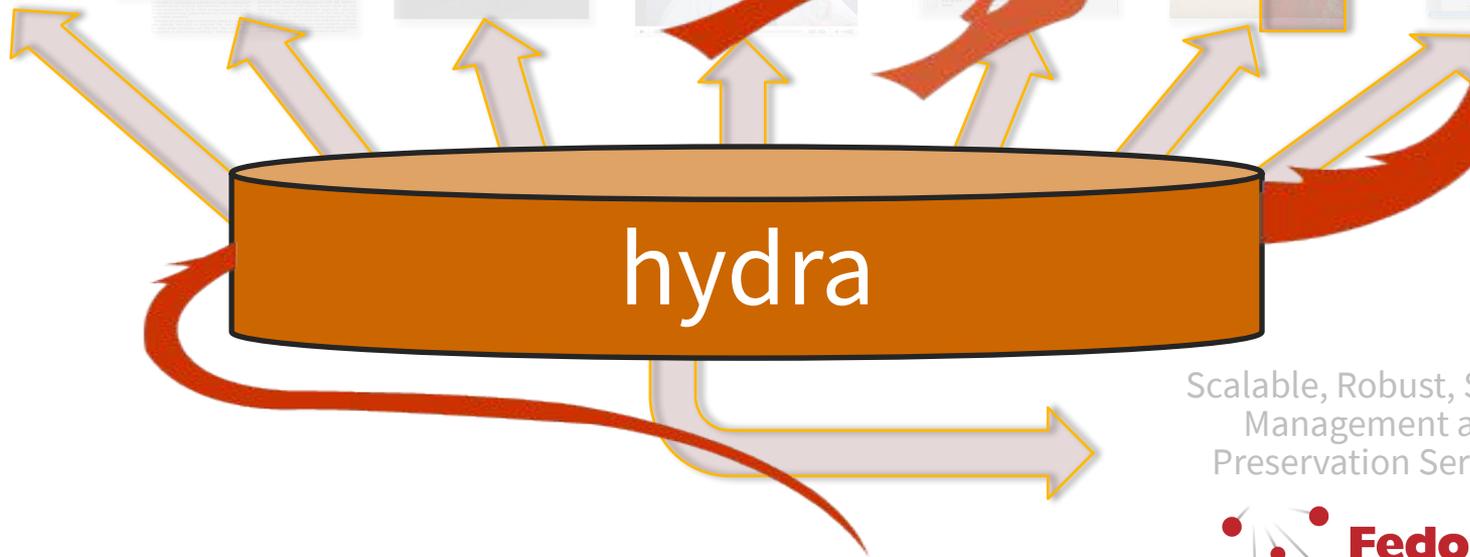
Images

Audio-Vi
sual

Research
Data

Maps
& GIS

Docu-m
ents

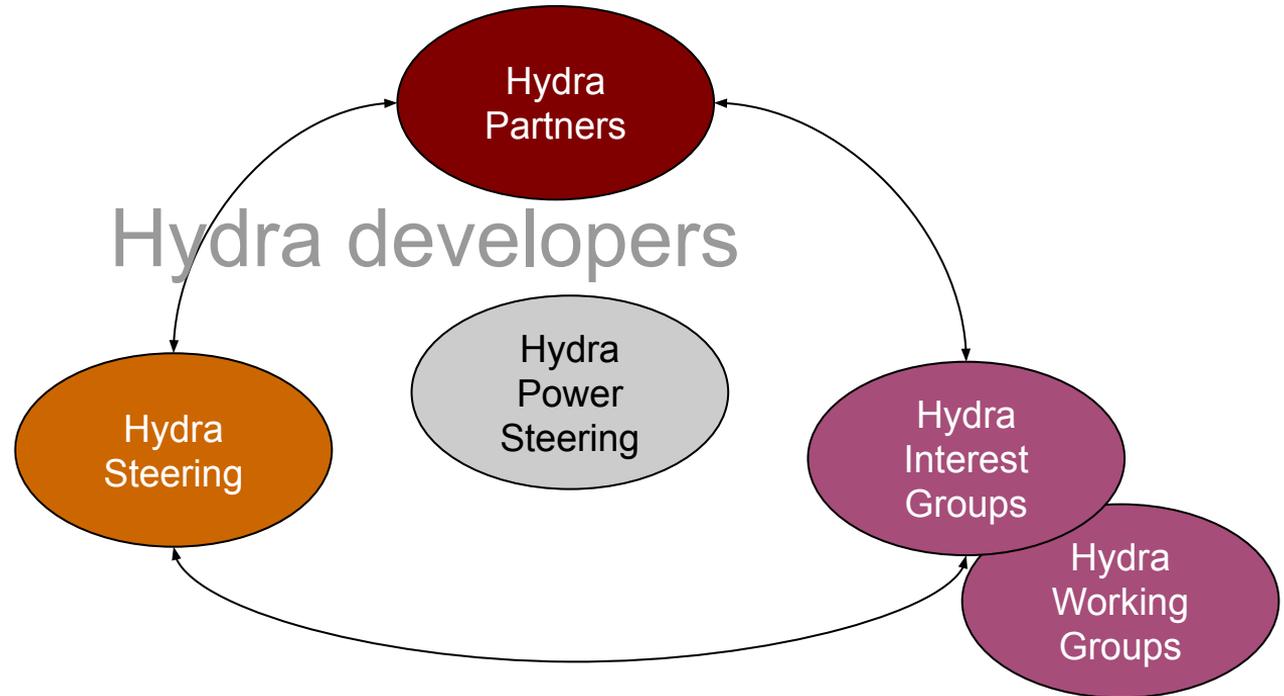


Scalable, Robust, Shared
Management and
Preservation Services



Hydra Community

Hydra Community Framework



Hydra Partners as of October 2016

- Stanford University
- DuraSpace
- Columbia University
- London School of Economics
- Data Curation Experts
- Duke University
- University of Cincinnati
- University of Oregon (Oregon Digital)
- Tufts University
- Digital Public Library of America
- University of York
- University of Hull
- University of Notre Dame
- Penn State University
- Rock and Roll Hall of Fame
- WGBH
- Yale University
- Princeton University Library
- Oregon State University (Oregon Digital)
- Duoc UC
- University of Michigan
- Lafayette College
- University of Virginia
- Northwestern University
- Indiana University
- The Royal Library of Denmark
- Boston Public Library
- Virginia Tech
- Cornell University
- Case Western Reserve University
- University of Alberta
- University of California, San Diego
- Washington University in St Louis

Get Involved

Getting involved with Hydra can be at different levels:

- Adopter
- Developer
- Partner

Opportunities for non-technical leaders:

- Community Advocacy
- Strategic Planning
- Meetings – Facilitate, Record and Speak Out!

Wide Community Support

- Community sprints and development events
- Tech calls
- Google groups
- Working and interest groups
- Wiki <http://wiki.duraspace.org/display/hydra/>
- Power Steering and Steering
- [Partners](#) and [Hydra adopters Worldwide](#)
- Code of conduct
<https://wiki.duraspace.org/display/hydra/Anti-Harassment+Policy>

Financial Framework

- Individual Institution
 - Software Free/Open Source
 - Staffing (varies)
 - Training / Community Events / Developer Congresses
 - Storage
 - Vendor support
 - Proprietary Integrations?
 - Fundraising for Hydra Project
- Hydra Connect Conference
 - Self-organized/funded
 - Try to keep costs low
- Hydra Project
 - Spending Plans Approved By Hydra Partners
 - Financial home currently through MOU with DuraSpace

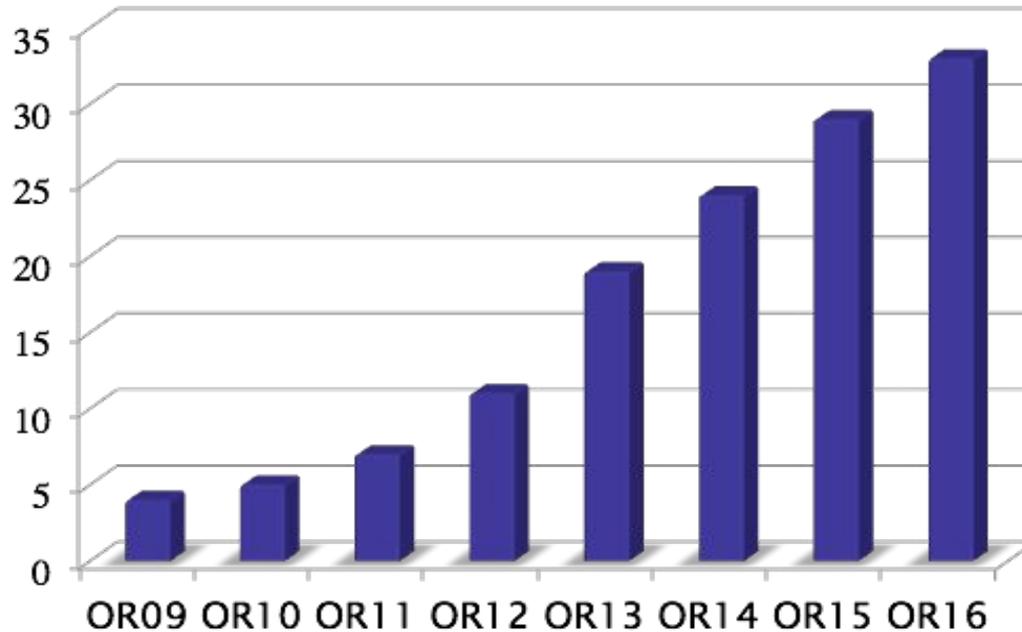
Legal Framework



- Apache 2.0 license
- All contributions are made under a Contributor Licensing Agreement, granting a perpetual license to the Hydra Project
- All documentation is shared using a Creative Commons Attribution Share-Alike License
- Partners sign an MoU highlighting expectations and requirements of Partnership

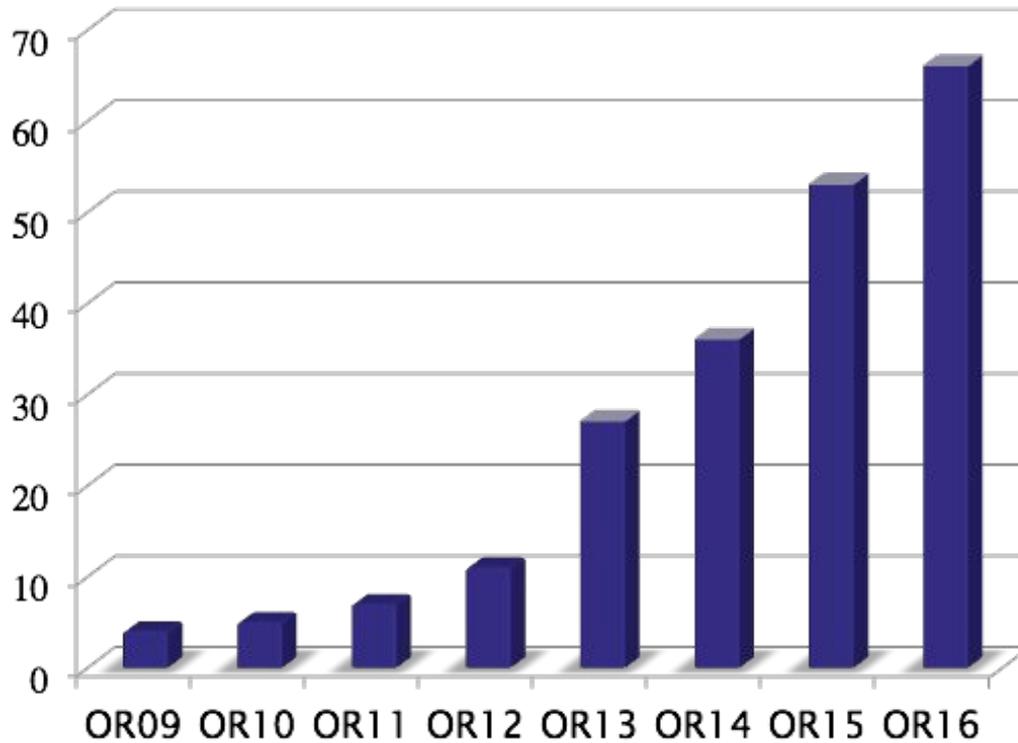


Hydra Partners



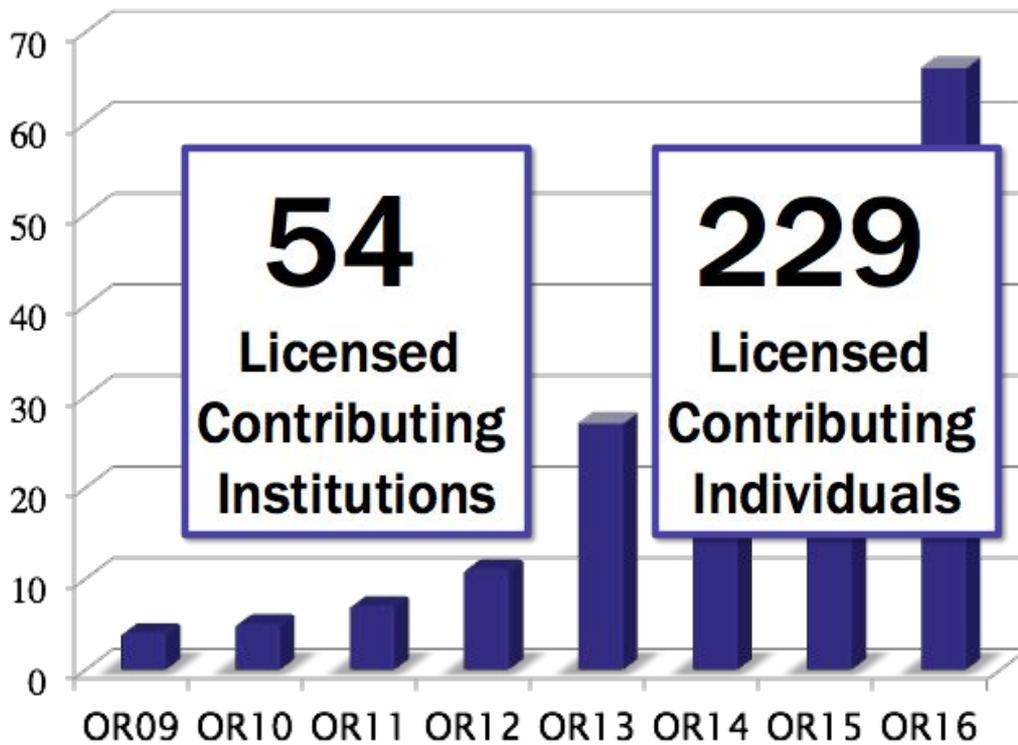
OR = Open Repositories Conference

Hydra Partners *and* Known Users



OR = Open Repositories Conference

Hydra Partners *and Known Users*



OR = Open Repositories Conference

Hydra Connect 2016, Boston Public Library October 2016



A Worldwide Presence



Hydra Showcase

Hydra in South America

The screenshot shows the homepage of the 'BIBLIOTECA DIGITAL PATRIMONIAL DuocUC'. The header features a dark blue background with a white line-art illustration of various historical buildings. The text 'BIBLIOTECA DIGITAL PATRIMONIAL' is in white, and 'DuocUC' is in yellow and white. Below the header is a navigation bar with a search box containing 'Todos' and 'Buscar...', and a menu with icons for 'Biblioteca', 'Contacto', 'Colección', 'Entrar', 'Favoritos', and 'Historia', along with social media icons for Facebook, Twitter, and Google+. A left sidebar contains a vertical menu with categories: 'Monumentos', 'Estilo Arquitectónico', 'Año Construcción', 'Tema', 'Colección', and 'Formato', each with a right-pointing arrow. The main content area displays three featured categories: 'Edificios patrimoniales' (with a photo of a white classical building), 'Iglesias' (with a photo of a red church), and 'Barrios típicos' (with a photo of a street scene). The footer contains the copyright information: '© Sistema de Bibliotecas Duoc UC - 2014' and 'Desarrollado en Hydra'.

BIBLIOTECA DIGITAL PATRIMONIAL
DuocUC

Todos Buscar... Buscar

Biblioteca Contacto Colección Entrar Favoritos Historia

Monumentos >

Estilo Arquitectónico >

Año Construcción >

Tema >

Colección >

Formato >

Edificios patrimoniales

Iglesias

Barrios típicos

© Sistema de Bibliotecas Duoc UC - 2014
Desarrollado en Hydra

Hydra at a Public Library

Digital Commonwealth
Massachusetts Collections Online

Folders Sign Up / Log In Search...

Search Explore For Libraries For Educators About

Limit your search

Topic

- Periodicals 326
- Books 160
- Reading 65
- Flowers 42
- Horses 30
- Cats 20
- Musicians 16
- Supernatural beings 15
- more +

Date

- 1800s 553
- 1900s 267
- 1910s 272
- 1920s 265

Format

- Prints 589
- Posters 536
- Paintings 1

Collection

- American Art Posters 1890-1920 590
- x

Institution

- Boston Public Library 690

You searched for: Collection > American Art Posters 1890-1920 x Institution > Boston Public Library x Start Over

Prev. | 1 - 20 of 590 | Next >

Sort by relevance 20 per page



1899, a church calendar



About Paris by Richard Harding Davis



About Paris by Richard Harding Davis



Aetna dynamite



Albert Morris Bagby's new novel Miss Traumerel



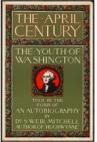
America and the Americans



Anne of Argyle by George Eyre Todd



April



The April century

Hydra as the Digital Repository of Ireland



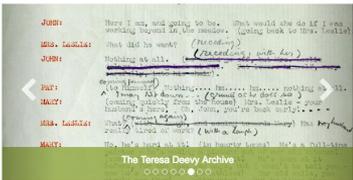
Sign Up | FAQ | Login | English ▾

[HOME](#) [DISCOVER](#) [ORGANISATIONS](#) [ABOUT ▾](#)

Welcome to the DRI

The Digital Repository of Ireland is a national digital repository for Ireland's humanities, social sciences, and cultural heritage data. You can browse and search across multiple collections from some of the finest Irish institutions. These collections are safely preserved in the DRI. Please explore and enjoy.

▶ Visit the DRI Project Website



Featured Collections (Decade of Centenaries)

 <p>Michael Healy Collection</p> <p>National Irish Visual Arts Library (NIVAL), NCAD</p> <p>Objects (41)</p>	 <p>The Capuchins and the Irish Revolution</p> <p>Irish Capuchin Provincial Archives</p> <p>Objects (27)</p>	 <p>Dublin City Electoral Lists</p> <p>Dublin City Library and Archive</p> <p>Objects (2039)</p>
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Featured Objects

 <p>Scriptprint workshop</p> <p>Design in Ireland</p> <p> Image</p>	 <p>A scene from Christ Deliver Us! by Thomas Kilroy, 2016.</p> <p>A Sense of Freedom Arts Drama Irish drama Theatre Production</p> <p> Image</p>	 <p>Down Survey map.</p> <p>A Sense of Place History Local history Land Uses Land tenure </p> <p> Image</p>
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News

Archives at Risk conference summary

After two days of excellent presentations from archives across the world, the Archiving Tomorrow 2016 conference wrapped up at the Royal Irish Academy with a discussion of how to move forward.

Some conclusions:

Read More

Open Repositories 2016

Date: 13 Jun 2016
Location: Trinity College Dublin
The 11th International Conference on Open Repositories, OR2016, will be held on June 13th-16th, 2016 in Trinity College Dublin

Read More

DRI presenting at Open Repositories 2016

DRI staff are presenting a paper on Open Works Legislation at Open Repositories 2016.

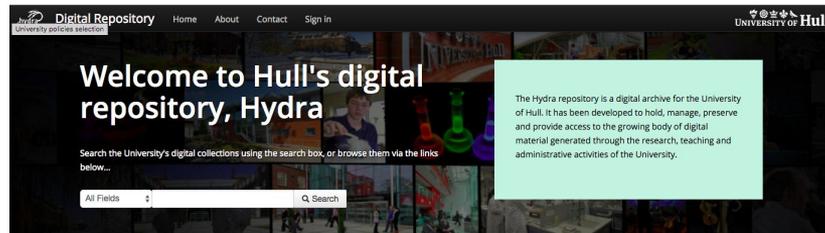
Read More

DRI are Hiring - Research Data Specialist

There is a vacancy available at DRI as a Research Data Specialist.

Read More

Hydra at Hull



The screenshot shows the top navigation bar with 'Digital Repository' and 'University policies selector' on the left, and 'Home', 'About', 'Contact', and 'Sign in' on the right. The University of Hull logo is in the top right corner. The main heading reads 'Welcome to Hull's digital repository, Hydra'. Below it is a search bar with 'All Fields' and a 'Search' button. A text box on the right explains that the repository is a digital archive for the University of Hull, developed to hold, manage, preserve, and provide access to digital material generated through research, teaching, and administrative activities.

Open Access publication

Submit your journal articles to Hydra

Email the accepted version to repository@hull.ac.uk

See <http://libguides.hull.ac.uk/openaccess> for more information.



Browse

You can browse our repository by...

Based on our latest statistics these are currently the most popular searches in the repository. [Sign in](#) to discover the most popular searches for University only content.

[Resource type](#)
[Subject](#)
[Creator](#)

Collections

Have a look at our collections...

[Collections](#)
[Examination papers \(Click to sign in\)](#)

Popular searches

Why not try some of our most popular searches

[Electronic theses and dissertations](#)

[Examination papers \(Click to sign in\)](#)



Self-Deposit at the Royal Library of Copenhagen



DIAS

THE ROYAL LIBRARY AND COPENHAGEN UNIVERSITY LIBRARY

[LOGIN](#) [FAQ](#) [CONTACT](#) [DANSK](#) [COOKIE & PRIVACY POLICY](#)

Browse ▾

Search...

QSearch



In collaboration with
StudentRådet
STUDENTRÅDET

Digital Archive for Student Assignments contains assignments passed at the University of Copenhagen.

The archive offers you inspiration when writing assignments – get ideas for subjects, see examples of assignment structures, or simply read an interesting title.

Search for student assignments from the search bar above or upload your own assignments by logging in.

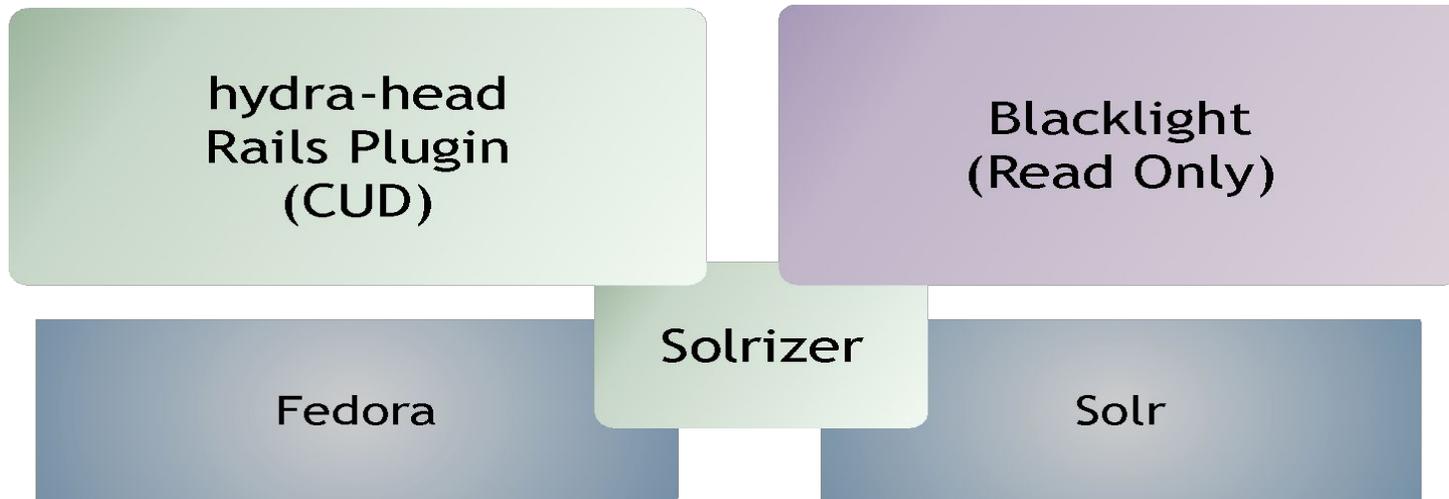
Enjoy.

Share your knowledge
- upload your
assignments

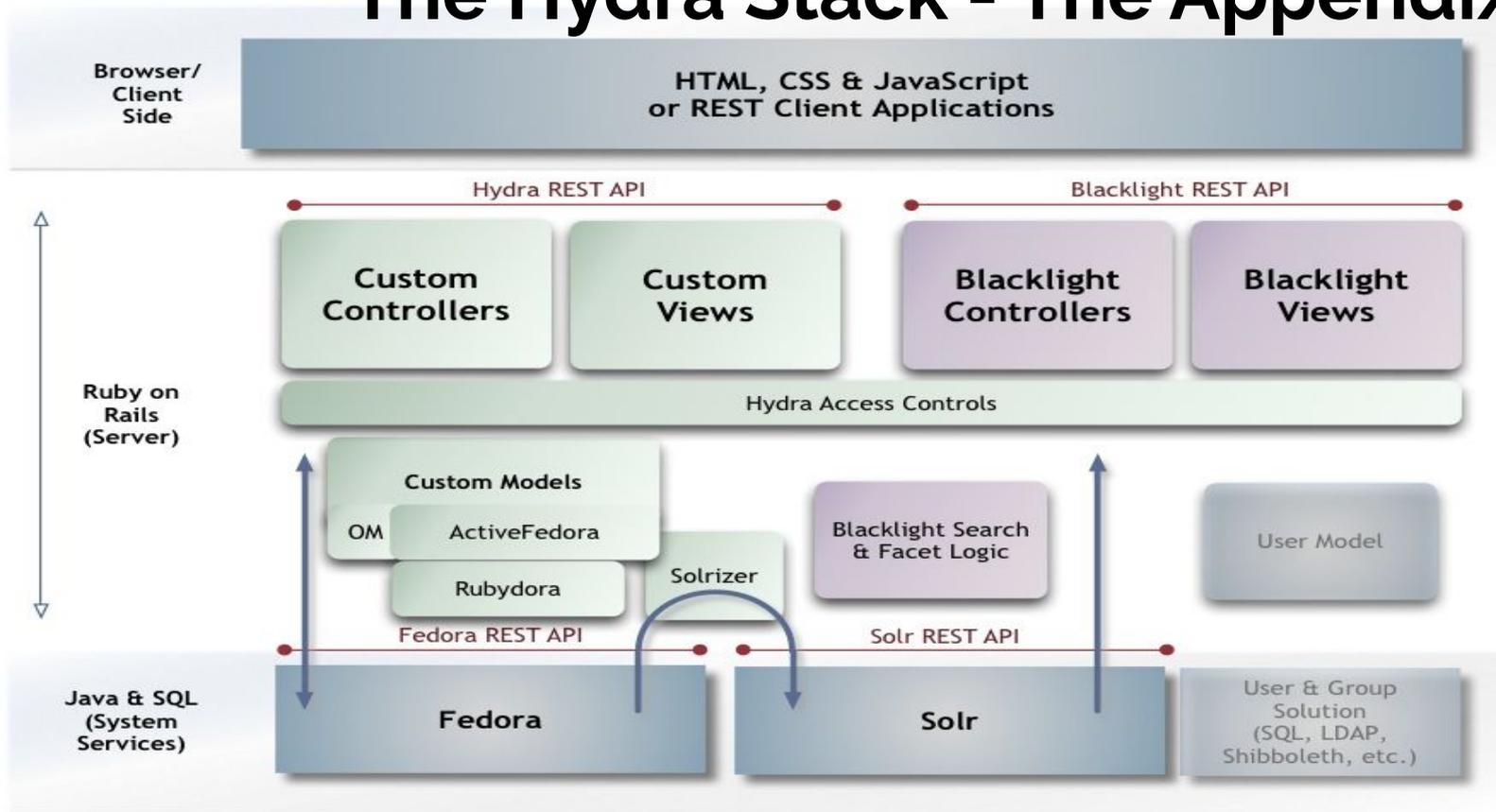
Log in

Hydra Framework

Major Hydra Components

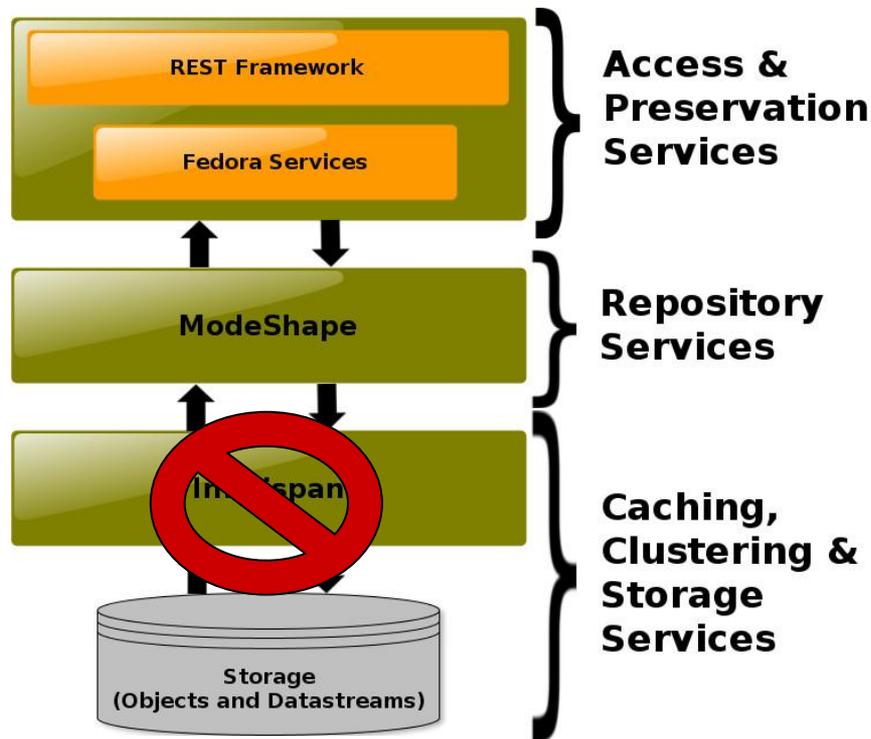


The Hydra Stack - The Appendix



Fedora as an Implementation

(4.7+)



Fedora 4 Core Features and Standards

1. Create/Read/Update/Delete - Linked Data Platform ✓

2. Versioning - Memento

3. Authorization - WebAC ✓

4. Batch Operations

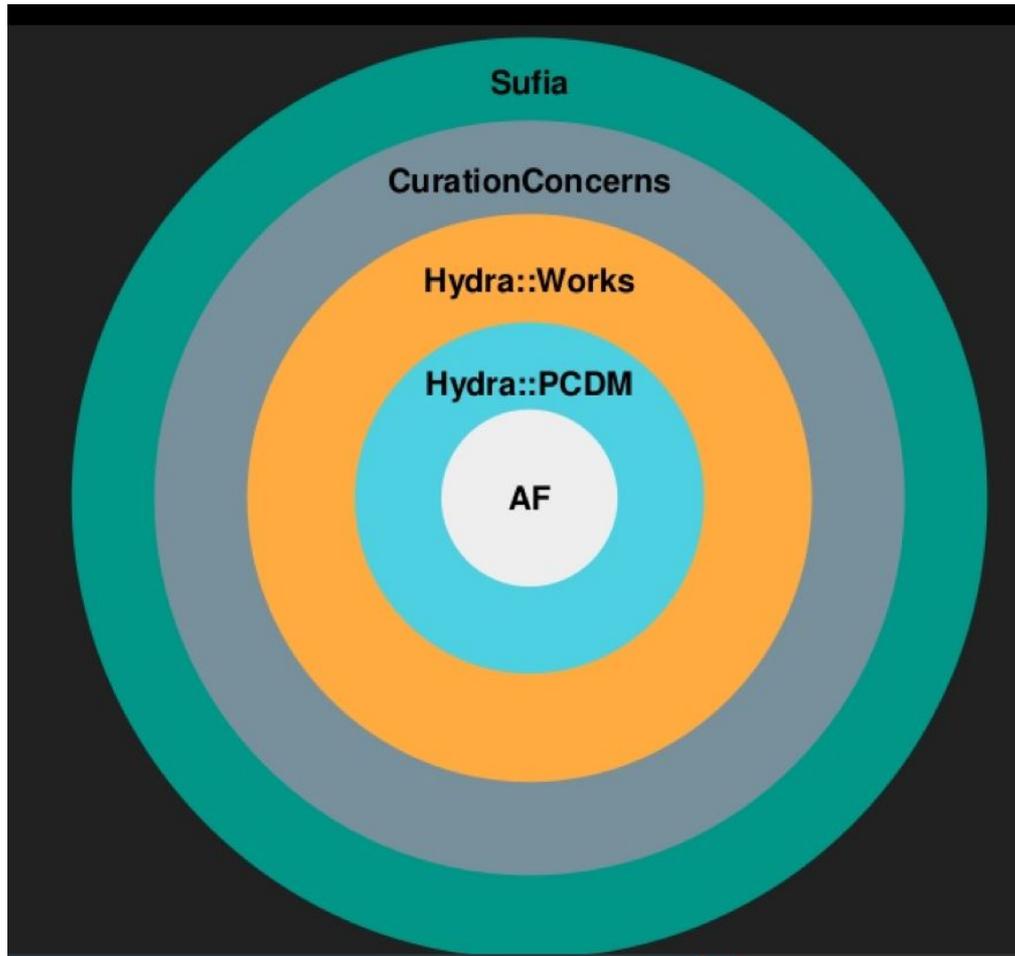
5. Fixity

Fedora 4 - Web Resources

Everything is a **web resource with a URI**

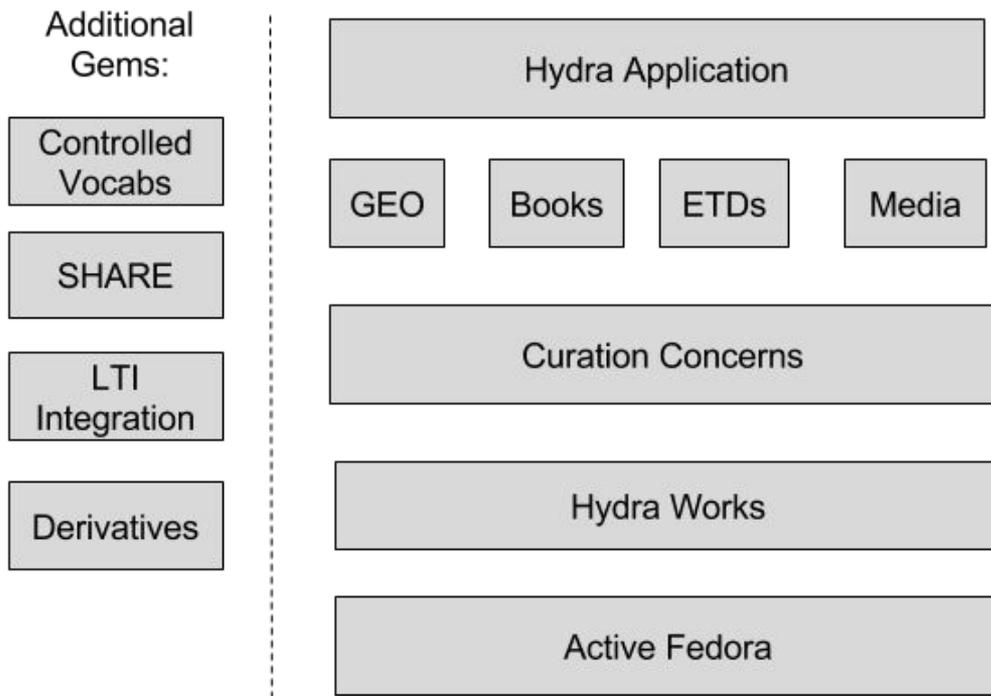
Resources have properties expressed as **RDF triples**

Resources can contain other resources (containers) or files (binaries)



Slide: Jon Stroop and Mike Giarlo, "A More Worthwhile Sufia." Hydra Connect 2015.

<http://www.slideshare.net/jpstroop/a-more-worthwhile-sufia-now-with-pcdm/>



Layers integrated via APIs

Select Gems

Project Hydra

- Browse-Everything
- Hydra-Editor
- Hydra-Derivatives
- File Characterization
- Opinionated Metadata (XML)
- Role Management

Hydra Labs

- GeoMash
- IIF Manifest
- Batch Edit
- ORCID
- HyBag
- Share-Notify
- Questioning Authority

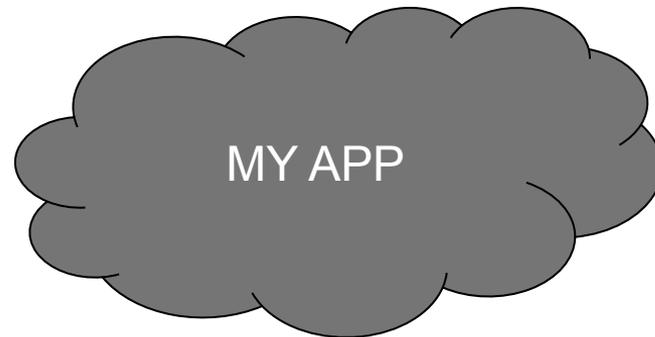
What Level of the Stack?

Sufia

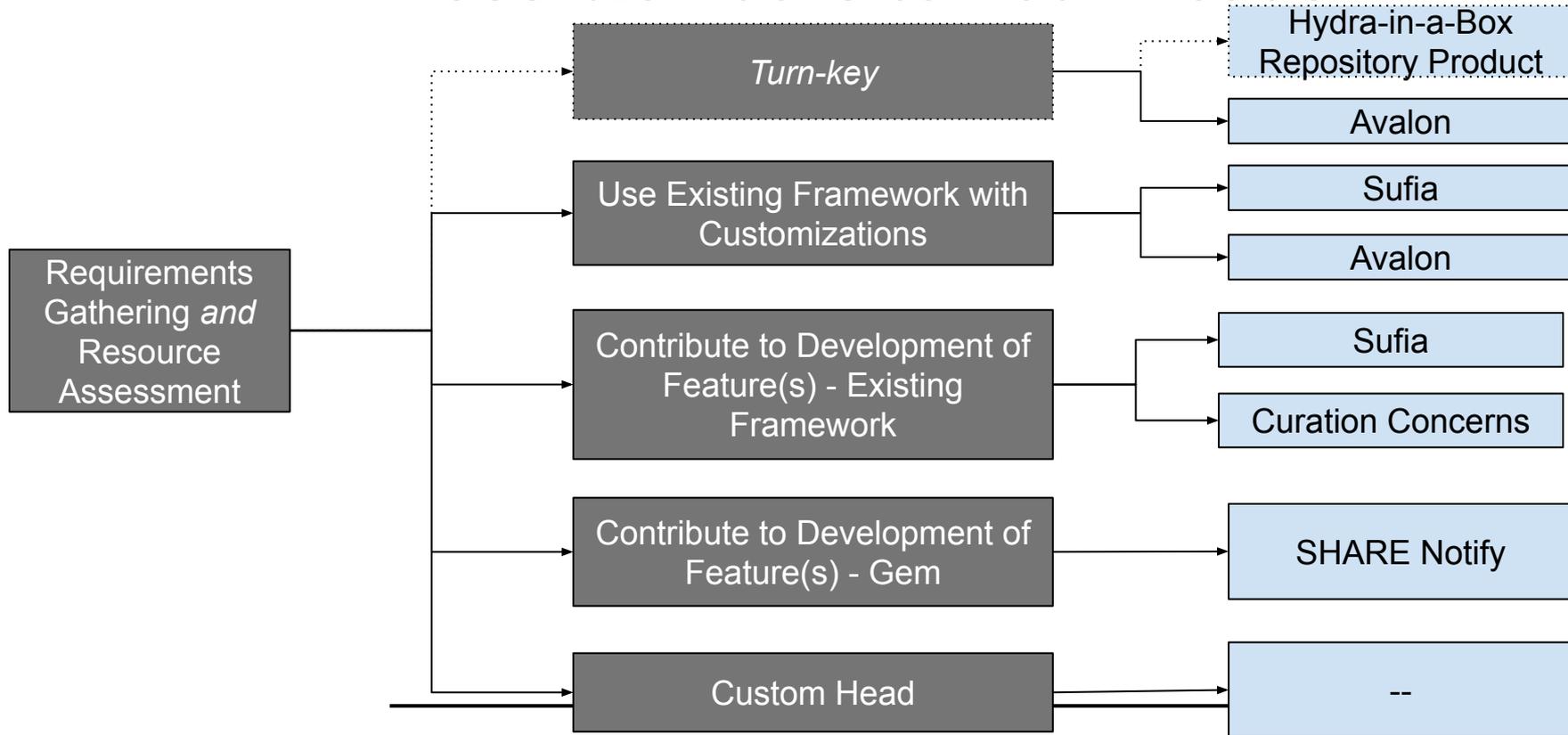
Curation Concerns

⋮

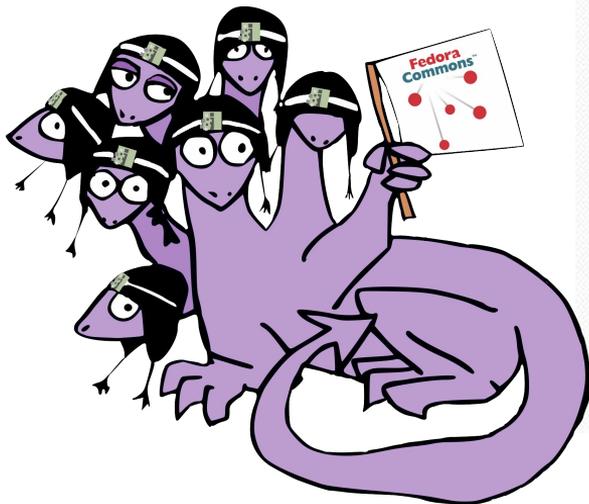
Fedora



Possible Paths to Your Heads



PCDM (Portland Common Data Model)



<http://pcdm.org>

<https://github.com/duraspace/pcdm/wiki>



PCDM Ontologies

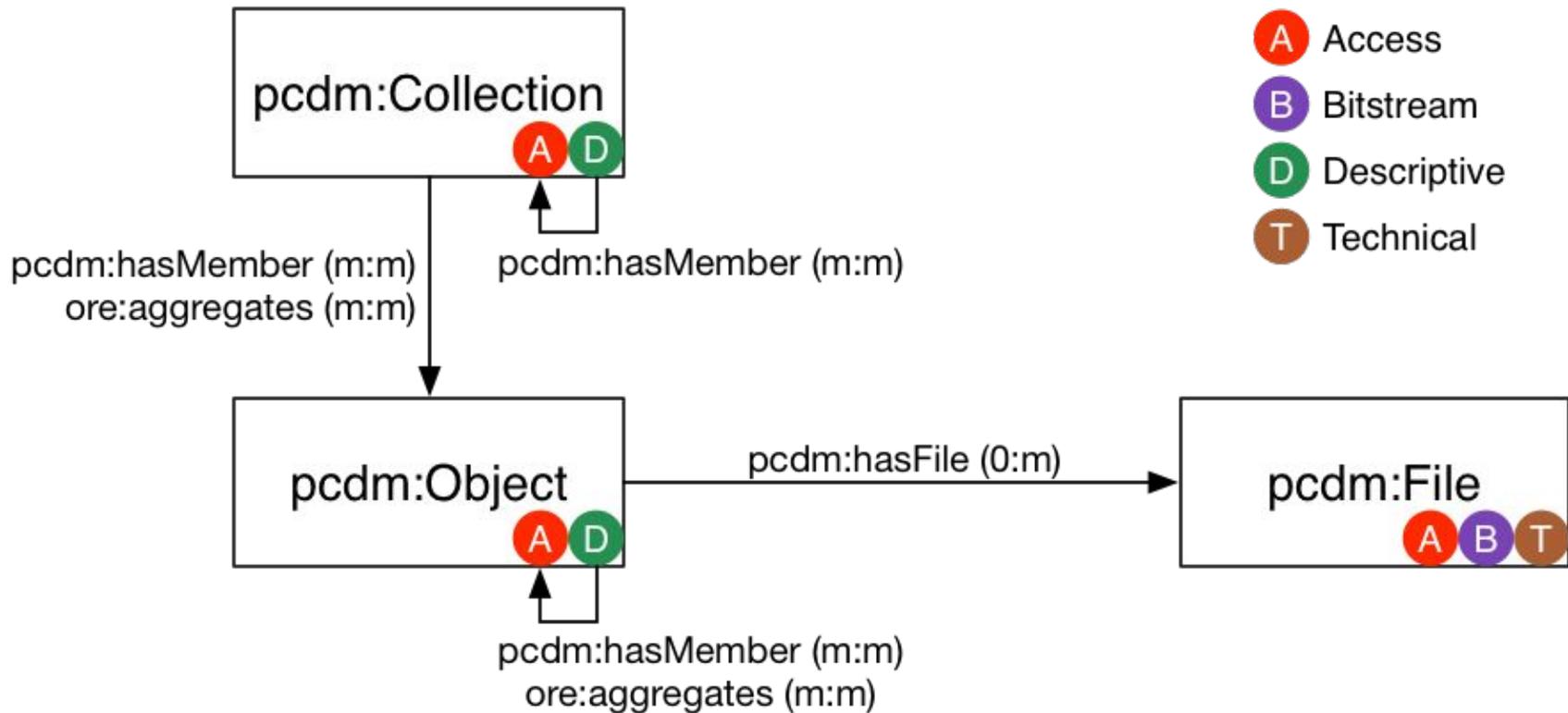
- [PCDM Models Ontology](#)
- [PCDM Use Ontology](#)
- [PCDM Rights Ontology](#)
- [PCDM Works Ontology](#)
- [PCDM File Formats Ontology](#)

PCDM Wiki



By Tony Webster from Portland, Oregon (Portland Oregon White Stag Sign) [CC BY 2.0] (<http://creativecommons.org/licenses/by/2.0>), via Wikimedia Commons

PCDM Domain Model



Custom Hydra Heads

Plum

<https://github.com/pulibrary/plum>

Plum Use Case: Reorder Page Images - Editor

The screenshot displays the Plum Editor interface for reordering page images. On the left is a control panel with the following options:

- Start With: 1
- Unit: [empty]
- Label: [empty]
- Paginate: Foliolate:
- Bracket:
- Buttons: Apply, Save
- Viewing Direction:
 - left-to-right
 - right-to-left
 - top-to-bottom
 - bottom-to-top
- Viewing Hint:
 - individuals
 - paged
 - continuous
- * OCR Language: Arabic

The main area shows a grid of page images. A modal window for 'image 8' is open, showing a thumbnail of a page with Arabic script and the filename '(00000008.tif)'. The modal has radio buttons for 'Single Page', 'Non-Paged', and 'Facing pages', with 'Single Page' selected. Other visible image thumbnails include 'image 7', 'image 9', 'image 10', 'image 11', and 'image 12', each with its respective filename and a set of radio buttons for selection.

Plum Use Case: Structure - Editor

The screenshot displays the Plum Structure Editor interface. At the top, there is a section labeled "Inside Cover" with a thumbnail of a manuscript cover. Below this is a section labeled "Book Plate / Flyleaf" with a text input field and a red 'x' icon. Another section below it also has a text input field and a red 'x' icon. The main area shows a large dashed-line box representing the manuscript's structure. Inside this box, there are several elements: a folio labeled "[f. 2r]" with a thumbnail of a page, a folio labeled "[f. 4r]" with a thumbnail of a page, and a folio labeled "[f. 2v]" with a thumbnail of a page. The folios are arranged in a sequence, with "[f. 2r]" and "[f. 2v]" highlighted in orange. The interface includes a vertical scrollbar on the right side.

Plum Use Case: Bulk Label - Editor

Toolbar

Start With:

Unit Label:

Paginate Foliate

Front Label:

Back Label:

Front First Back First

Bracket

Viewing Direction:

left-to-right

right-to-left

top-to-bottom

bottom-to-top

Viewing Hint:

individuals

paged

continuous

* OCR Language

Arabic

Cover

(00000001.tif)



Single Page

Non-Paged

Facing pages

Cover Inside

(00000002.tif)



Single Page

Non-Paged

Facing pages

[f. 1a]

(00000003.tif)



Single Page

Non-Paged

Facing pages

[f. 1b]

(00000004.tif)



Single Page

Non-Paged

Facing pages

[f. 2a]

(00000005.tif)



Single Page

Non-Paged

Facing pages

[f. 2b]

(00000006.tif)



Single Page

Non-Paged

Facing pages

Plum Use Case: Rights Statements - Editor

Visibility Who should be able to view or download this content? 

- Open Access** Visible to the world.
- Princeton University Library** Visible to all Princeton University Library users.
- Private** Only visible to you and your delegates.

Choose Rights and Holding Location

Rights Statement

No Known Copyright

In Copyright

In Copyright - Rights-holder(s) Unlocatable or Unidentifiable

In Copyright - Educational Use Permitted

In Copyright - NonCommercial Use Permitted

No Copyright - Contractual Restrictions

No Copyright - Other Known Legal Restrictions

No Known Copyright

Create Scanned resource

Plum Use Case: Rights

State

Complete

Rights

No Known Copyright

Princeton University Library reasonably believes that the Item is not restricted by copyright or related rights, but a conclusive determination could not be made. You are free to use this Item in any way that is permitted by the copyright and related rights legislation that applies to your use.

Princeton University Library claims no copyright governing this digital resource. It is provided for free, on a non-commercial, open-access basis, for fair-use academic and research purposes only. Anyone who claims copyright over any part of these resources and feels that they should not be presented in this manner is invited to contact Princeton University Library, who will in turn consider such concerns and make every effort to respond appropriately. We request that users reproducing this resource cite it according the guidelines described at <http://rbsc.princeton.edu/policies/forms-citation>.

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Identifier

ark:/88435/d504rk397

Source
metadata
identifier

5184576

Collections

[Islamic Manuscripts](#)

Oregon Digital

https://github.com/OregonDigital/oregondigital_2

<https://github.com/OregonDigital/ControlledVocabularyManager>

Oregon Digital Use Case: Linked

The screenshot shows the Oregon Digital website interface. At the top, there is a navigation bar with the "OREGON DIGITAL" logo, a search bar containing "Search...", and a link to "Advanced Search". On the right side of the navigation bar, there are links for "Log Out [kestlund@uoregon.edu]", "Bookmarks - Saved Searches", "History", and "Roles - Review - Ingest - Templates - Destroyed Items".

The main content area features a search bar with the text "Portland" entered. Below the search bar, a dropdown menu is open, displaying a list of search results. Each result includes a title and a URL. The results are as follows:

- Portland (United States >> Oregon)**
<http://sws.geonames.org/5746545>
- Parish of Portland (Jamaica >> Portland)**
<http://sws.geonames.org/3488997>
- Portland (United States >> Maine)**
<http://sws.geonames.org/4975802>
- Portland Reef**
<http://sws.geonames.org/4030768>
- Port Antonio (Jamaica >> Portland)**
<http://sws.geonames.org/3489005>
- Portland Airport (Australia >> Victoria)**
<http://sws.geonames.org/7730272>
- Portland International Airport (United States >> Oregon)**
<http://sws.geonames.org/5746563>
- Portland Cottage (Jamaica >> Clarendon)**
<http://sws.geonames.org/3488993>
- Portland (Australia >> Victoria)**
<http://sws.geonames.org/2152667>
- Portland Point (Jamaica >> Clarendon)**
<http://sws.geonames.org/3488990>

On the left side of the main content area, there is a sidebar with several sections, each with a green plus icon and a dropdown menu:

- Geographics**: Location
- Dates**
- Identifiers**: Identifier
- Rights**: Rights, Rights Holder
- Sources**

Oregon Digital Use Case: Linked

LIBRARIES
University of Oregon

Oregon State
UNIVERSITY Libraries

OREGON DIGITAL

Search... [Advanced Search](#)

Login
Bookmarks
History

[Kentucky Dream](#)

Copyright for item by Jos. W. Stern & Co., New York. British Copyright secured. Deposited conforme con las Leyes de los Países de Sud y Central America y Mexico / Depositado en el año MCMXVIII pos Jos. W. Stern y Cia; Proprietaries Nueva York / 8659-4

Cover Photographic cover with 3/4 length portrait of Mabel Normand holding a cane. Text in red-orange ink outlined in black. At top left 'Kentucky / Dream / by / S. R. Henry / and / D. Onivas / Writers of / "Indianola" "Tears" / "Pahjahmah" "Minalya" / etc. etc.' At top right 'Waltz'. At bottom left 'Instrumental / Piano Solo .60 / Small Orchestra .55 / Full Orchestra .75 / Military Band 1.00 / Vocal / Song (E [flat] or F) .60 / Orchestration .25' / Can also be had for your / Photograph of Player Piano / Jos. W. Stern & Co. / 102-104 W. 38th St. / New York'. At lower right 'Mabel Normand / Star in / Goldwyn Pictures / Reproduced by permission'

Work Type [color lithographs](#)
[sheet music](#)

[oregondigital.org/catalog?f\[desc_metadata_workType_label_sim\]\[\]=color+lithographs&http://vocab.getty.edu/aat/300041383](http://oregondigital.org/catalog?f[desc_metadata_workType_label_sim][]=color+lithographs&http://vocab.getty.edu/aat/300041383)

Rights Public Domain Mark 1.0

Copyright Claimant Jos. W. Stern & Co.

Type Text

Format application/pdf

Physical Extent [6] p.; color; 31 cm.

Set [Historic Sheet Music Collection](#)

Institution [University of Oregon](#)



INSTRUMENTAL	.60
PIANO SOLO	.55
SMALL ORCHESTRA	.75
FULL ORCHESTRA	1.00
MILITARY BAND	1.00
VOCAL	.60
SONG (E [flat] or F)	.60
ORCHESTRATION	.25

MABEL NORMAND
STAR IN
GOLDWYN PICTURES
REPRODUCED BY PERMISSION

JOS. W. STERN & CO.

01/67

[oregondigital.org/catalog?f\[desc_metadata_workType_label_sim\]\[\]=color+lithographs&http://vocab.getty.edu/aat/300041383](http://oregondigital.org/catalog?f[desc_metadata_workType_label_sim][]=color+lithographs&http://vocab.getty.edu/aat/300041383)

Oregon Digital Use Case: Linked Data - RDF

<<http://oregondigital.org/resource/oregondigital:fx71bk194>> <<http://purl.org/dc/terms/title>> "Kentucky Dream" .

<<http://oregondigital.org/resource/oregondigital:fx71bk194>> <<http://id.loc.gov/vocabulary/relators/cmp>>
<<http://id.loc.gov/authorities/names/no2006072953>> .

<<http://oregondigital.org/resource/oregondigital:fx71bk194>> <<http://purl.org/dc/terms/rights>>
<<http://creativecommons.org/publicdomain/mark/1.0/>> .

<<http://oregondigital.org/resource/oregondigital:fx71bk194>> <<http://id.loc.gov/vocabulary/relators/pup>>
<<http://sws.geonames.org/5128581/>> .

<<http://oregondigital.org/resource/oregondigital:fx71bk194>> <<http://purl.org/dc/terms/type>> <<http://purl.org/dc/dcmitype/Text>> .

<<http://oregondigital.org/resource/oregondigital:fx71bk194>> <<http://opaquenamespace.org/ns/contributingInstitution>>
<http://dbpedia.org/resource/University_of_Oregon> .

Hydra Solution Bundles

Avalon

<http://avalonmediasystem.org/>

Avalon

avalon
MEDIA SYSTEM

about software blog community contact

Your digital media management tool
Provide online access to video and audio collections [find out how](#)

Avalon 4.0.1 Released
announcing the release of Avalon 4.0.1
We are pleased to announce Avalon Media System

Sign up for news
stay up to date on the latest news from the Avalon team

Read our blog
Avalon Fedora 3 to Fedora 4 / Apr 8
Friday Round-Up: March 25, 2016 / Mar 25

- Hydra Solution Bundle for audio/video access
- Goals:
 - Easily installable and configurable
 - Serve a variety of use cases
- Hosted options emerging
- www.avalonmediasystem.org

Avalon Use Case: Archival Film

Repository | audio + video

Browse



Big Ten, Big Time, 1971

Main contributor
Northwestern University (Evanston, IL)

Date
1971

Summary
Big Ten highlight reel of the 1971 season. Narrated by Bill Flemming. Music by the Purdue University "All-American" Band. Conducted by Al G. Wright and William D. Kisinger. NU Coach during the 1971 season: Alex Agase.

Contributors
Wright, Al G.; Kisinger, William D.; Flemming, Bill, 1926-2007

Genre
Sports

Subjects
Northwestern University (Evanston, IL)--Football--History;
Northwestern Wildcats (Football team); Big Ten Conference (U.S.)--Football--History; Agase, Alex, 1922-2007

Location
Various

00:00 25:43

Avalon Use Case: Online Exhibits



The screenshot displays the IU Libraries Moving Image Archive website. The main header features a black and white photograph of film reels on shelves, with the text "IU Libraries Moving Image Archive" and "WORLD WAR II PROPAGANDA FILMS AND IU" overlaid. To the right of the header is the IU Libraries logo.

Below the header, there is a navigation menu with the following items:

- » Indiana University Libraries Moving Image Archive
- » IU Audio-Visual Center Exhibit
- » WWII Exhibit
- » Browse Collections
- » Browse Items
- » IU Libraries Moving Image Archive Blog

A search bar is located at the bottom left of the navigation area.

The main content area is titled "WWII Propaganda Films and IU: Audiovisual Production, Circulation, and Education:". Below this title, there are several categories of films:

- FILMS: Allied Countries at War
- FILMS: Child Care
- FILMS: Conservation and Salvage
- FILMS: Agriculture
- FILMS: Air Raid Precautions and Fire Fighting
- FILMS: Health
- FILMS: Machine Shop Training
- FILMS: Post War Planning
- FILMS: Pre-Flight Training
- FILMS: Production
- FILMS: Schools and Education
- FILMS: United States at War**
- FILMS: War Savings
- FILMS: Women at War
- Distribution and Production Documents
- Exhibit Bibliography

The "FILMS: United States at War" category is highlighted with a dark background. Below this category, there are four film stills:

- A landscape view of a field.
- A close-up of a person's face.
- A view of a long, narrow canal or waterway.
- A dark background with the text "WEAPON OF WAR" in white.

Avalon Use Case: Publishing

The screenshot displays the homepage of the Ethnomusicology Multimedia website. The header includes navigation links for Home, Book Listings, About, FAQ, and Contact Us, along with a search bar and a 'Sign up for FREE' button. The main banner features the site's logo and the text 'Online Access to Audio Field Recordings, Performance Videos, Photos and Documents from books and publications of Indiana University Press and Temple University Press'. Below the banner, there are three columns of content: a 'Welcome' section with a paragraph about the site's mission, a 'Featured Books' section with two book covers and their titles, and a 'Featured Media' section with two video thumbnails and their descriptions. The footer contains a 'How to use this site' link and a 'Sign up for a free account' button.

Ethnomusicology Multimedia

Home Book Listings About FAQ Contact Us

Search for title, author, or key word... Search

Sign up for FREE Sign In

Online Access to Audio Field Recordings, Performance Videos, Photos and Documents
from books and publications of Indiana University Press and Temple University Press

Follow @EthnomusicMedia Follow

Welcome

Ethnomusicology Multimedia (EM) is a collaborative publishing initiative of Indiana University Press and Temple University Press with the support of the Andrew W. Mellon Foundation for first books in ethnomusicology accompanied by a web-based platform for audio and video materials. Ethnomusicology Multimedia seeks to enhance the value of scholarly books in ethnomusicology by linking fieldwork audiovisual materials to the written text, thus providing a unique interactive experience for readers.

How to use this site

Sign up for a free account

Featured Books

Sonic Spaces of the Karoo
The Sacred Music of a South African Coloured Community
By Marie Jorivana
Temple University Press
2011
Buy Book Online Media

Tamil Folk Music as Dalit Liberation Theology
By Zoe C. Sherrin
Indiana University Press
2013
Buy Book Online Media

Featured Media

Live from Dar es Salaam
Popular Music and Tanzania's Music Economy
By Alex Perullo

PURL 3.3 | Performance: TOT Taarab performs "Kinyang'unya" (Old Hag)

Sonic Spaces of the Karoo
The Sacred Music of a South African Coloured Community
By Marie Jorivana

PURL 3.6 "Jug al wat leef" (Rejoice all who live), Combined Congregational Church broederband service, East Street Congregational Church, February 17, 2005

Avalon Use Case: Consortial Licensed Video

The screenshot shows a video player interface for the series "Cathedrals of Culture". The player is currently on "Part 4" of a six-part series. The video title is "The Salk Institute" and the thumbnail shows a modern building with a large play button overlay. The video progress bar is at 25:37 out of 32:36. The interface includes a "Watch Online" section with tabs for Parts 1 through 6, and a "See more" link. The "Item Details" section provides metadata for the video, including the title "Cathedrals of Culture", format "Online Video", creator "Wenders, Wim; Glawogger, Michael; 1959-2014; Matzen, Michael; 1971-; Rietfeld, Robert; Olin, Margaret; 1970-; Aronov, Karin", and date "2014". A description states: "Six acclaimed filmmakers bring their own visual style and artistic approach to the exploration of six different landmark buildings, showing us how they reflect our culture and guard our collective memory. The buildings featured are the Berlin Philharmonic Hall, the National Library of Russia, Hakeri Palace, the Salk Institute, the Oslo Opera House, the Centre Pompidou." A "See more" link is provided below the description. The "Related Subjects" section lists: Architecture and society; Philharmonie (Berlin, Germany); [Hessisches National- und Universitätsbibliothek](#); Salk Institute for Biological Studies; Operahuset (Oslo, Norway); and Centre Georges Pompidou. The "Authors" section lists: Wenders, Wim; Glawogger, Michael, 1959-2014; Matzen, Michael, 1971-; Rietfeld, Robert; Olin, Margaret, 1970-; and Aronov, Karin.

Item Details

Start over Add Star **See Actions**

Cathedrals of Culture

Format: Online Video

Creator: Wenders, Wim; Glawogger, Michael, 1959-2014; Matzen, Michael, 1971-; Rietfeld, Robert; Olin, Margaret, 1970-; Aronov, Karin

Date: 2014

Necessary: Six acclaimed filmmakers bring their own visual style and artistic approach to the exploration of six different landmark buildings, showing us how they reflect our culture and guard our collective memory. The buildings featured are the Berlin Philharmonic Hall, the National Library of Russia, Hakeri Palace, the Salk Institute, the Oslo Opera House, the Centre Pompidou.

Six 25-minute episodes of a made-for-TV documentary series.

[See more](#)

Watch Online

Part 1 Part 2 Part 3 **Part 4** Part 5 Part 6

The Salk Institute

The Salk Institute

25:37 32:36

Avalon Use Case: Video Reserves in LMS

The screenshot displays the Canvas LMS interface for a user named Julie Rudder at Northwestern University. The user is logged in as 'jrudder@northwestern.edu'. The page shows a search for 'External Group > Media in Canvas' in the 'Repository | audio + video' section. The search results are filtered to '1 - 2 of 2' items, displayed '10 per page' and 'Sort by Relevance'. The first result is '1. Marching Band, 1957 (16:31)' with a thumbnail image of a marching band. The second result is '2. Clarinet Master Class 1990-06-21 (2:09:02)' with a thumbnail image of a clarinet. The footer of the page includes the text 'BY INSTRUCTURE' and links for 'User Research | Help | Privacy policy | Terms of service | Facebook | Twitter'.

canvas Courses Grades Calendar

Julie Rudder Inbox Settings Logout Help

NORTHWESTERN UNIVERSITY

SBX_MEDIA

Home

Announcements

Assignments

Discussions

Conferences

Course Reserves

Library Media

Modules

Collaborations

Files

Outbox

Outcomes

Syllabus

Grades

People

Pages

NU Canvas Resources

Settings

SBX_MEDIA

Repository | audio + video

Search

Browse Media in Canvas

You searched for External Group > Media in Canvas Start Over

1 - 2 of 2 10 per page Sort by Relevance

1. Marching Band, 1957 (16:31)

Main contributors: Northwestern University (Evanston, IL), Marching Band
Date: 1957

2. Clarinet Master Class 1990-06-21 (2:09:02)

Main contributors: Brody, Clark; Marcellus, Robert; Smith, Gregory
Date: 1990-06-21

BY INSTRUCTURE User Research | Help | Privacy policy | Terms of service | Facebook | Twitter



<http://sufia.io>

Sufia

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Need help with research data management?

Consult the [Libraries' guide on RDM services](#). Questions? Contact the [Research Data Management Team](#).

[Share Your Work](#)
[Terms of Use](#)

Photo and image credits.

Featured Works **Recent Additions**

 **Development and...**
Depositor: Nancy Ellen Adams
Keywords: evidence-based medicine, assessment of learning

Featured Researcher
[View other featured researchers](#)

 Dr. Laura Guertin, Professor of Earth Science at Penn State

Sufia Use Case: Self Deposit

My Dashboard Hello,


Upload


Create Collection


View Collections


View Files

Your Statistics

- 0 Files you've deposited
 - 0 Views
 - 0 Downloads
- 0 Collections you've created
- 0 People you follow
- 0 People who are following you

View ProfileEdit Profile

User Activity (last 24 hours)

User has no recent activity

User Notifications

User has no notifications

Manage Proxies

Authorize Proxy

Current Proxies

Transfer of Ownership

Sent
You haven't transferred any files

[Select files to transfer](#)

Received

Sufia Use Case: Feature Researcher

Featured Researcher

[View other featured researchers](#)



Dr. Laura Guertin, Professor of Earth Science at Penn State Brandywine

I have a pedagogical research agenda, looking at how new and emerging technologies can enhance teaching and student learning in introductory-level geoscience courses.

Why does Dr. Guertin use ScholarSphere?

At scientific conferences, more and more presentations are being given in a poster format, on 4 foot by 8 foot boards. A poster is an excellent way for me to capture highlights of my work with text and images, but it is difficult for colleagues and other researchers to take away all of that information after viewing the poster. Fortunately, I can include a QR code and/or URL to a ScholarSphere entry with my uploaded poster as a PDF file to be shared post-conference and to serve as a reference for years to come.

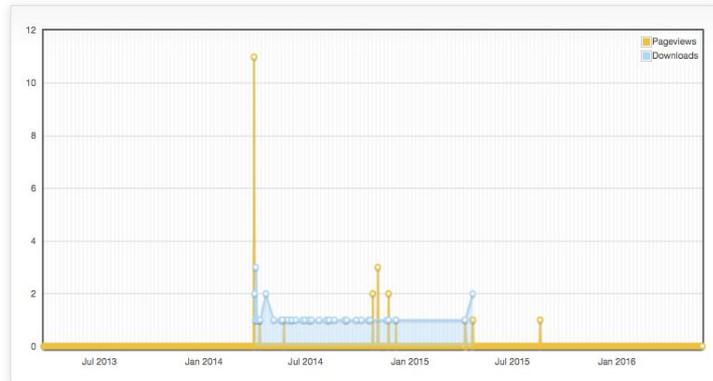
See the [research Dr. Guertin has deposited into ScholarSphere](#).

For more about Dr. Guertin's teaching and research, please [visit her Penn State Brandywine website](#) and her [ePortfolio](#).

Sufia Use Case: Analytics

Analytics

25 views and 42 downloads since April 11, 2015



Sufia Use Case: Citation Export

The screenshot shows a digital library interface with a document preview on the left and a right-hand sidebar. An 'Export to Zotero' dialog box is overlaid on the right side of the page.

Export to Zotero

Exporting to Zotero is supported via embedded metadata. If Zotero does not automatically pick up metadata for files deposited in ScholarSphere, please report the issue via the [Contact Form](#).

Document Preview (Left):

- ABSTRACT:** Understanding climate can be effective communication of progress, issues and challenges in the coastal environment. Even if all vulnerability assessment reports are used, their basic content knowledge and share their learning with the campus and greater community. Projects embedded in undergraduate courses provide students of the assessment and risk reduction training, but also study the true engagement level of the university and explore the scientific literacy of the students as future citizens, whether they pursue a science major or not. Example service learning projects to teach such about coastal issues include writing educational letters for kids for Coastal Protection and Assessment Authority, the Girl Scout and Boy Scout Badge Day programs teaching environmental literacy, and other programs. College/adult programs include hosting campus panel discussions and debates, and creating social media campaigns and a podcasting series communicating coastal issues.
- Why Host Badges on the Coastlines of Science:** Badges are a great way to share your work with the community and provide a platform for students to share their work. Badges are a great way to share your work with the community and provide a platform for students to share their work.
- Education Letters on Climate Change:** Education letters on climate change are a great way to share your work with the community and provide a platform for students to share their work.

Actions: Download | Analytics

Export to: EndNote | Zotero | Mendeley

Collections: This file is not currently in any collections.

Resource type: Poster

Date Created:

Subject:

Use Case: SHARE Notify

Publisher:

[View this use case report](#)

File Details

Depositor: [Laura Guertin](#)

Date Uploaded: 2014-03-31T13:04:06+00:00

Date Modified: 2014-09-10T10:37:06+00:00

Audit Status: passing

Characterization: File format: pdf (Portable Document Format)
Mime type: application/pdf
File size: 2783690
Last modified: 2014:03:31 09:04:13-04:00

Filename:

PenroseChapmanPoster.pdf

Original checksum:

4d2829187ab758594a4fb7e7bd8e56a1

Well formed: true

Valid: true

Status message: File header gives version as 1.4, but catalog dictionary gives version as 1.3

Page count: 1

User Activity	Date
File was successfully sent to SHARE Notify	4 months ago

Hydra-in-a-Box

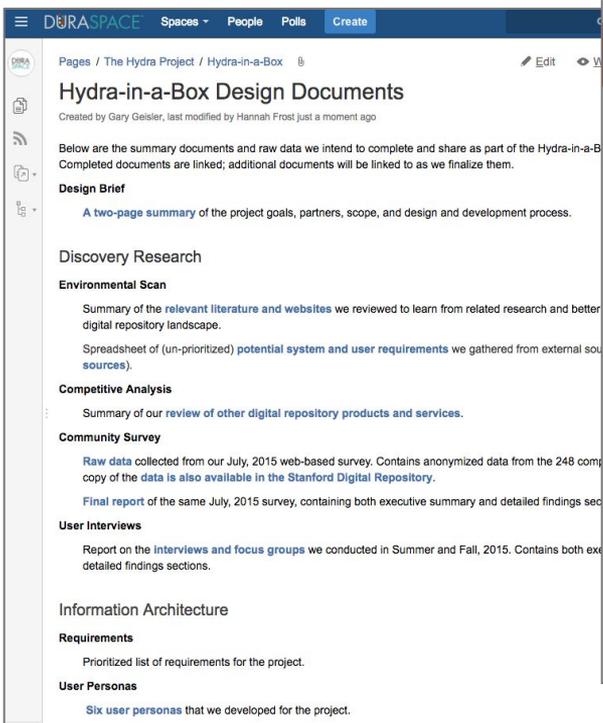
<http://hydrainabox.projecthydra.org/>

Hydra-in-a-Box

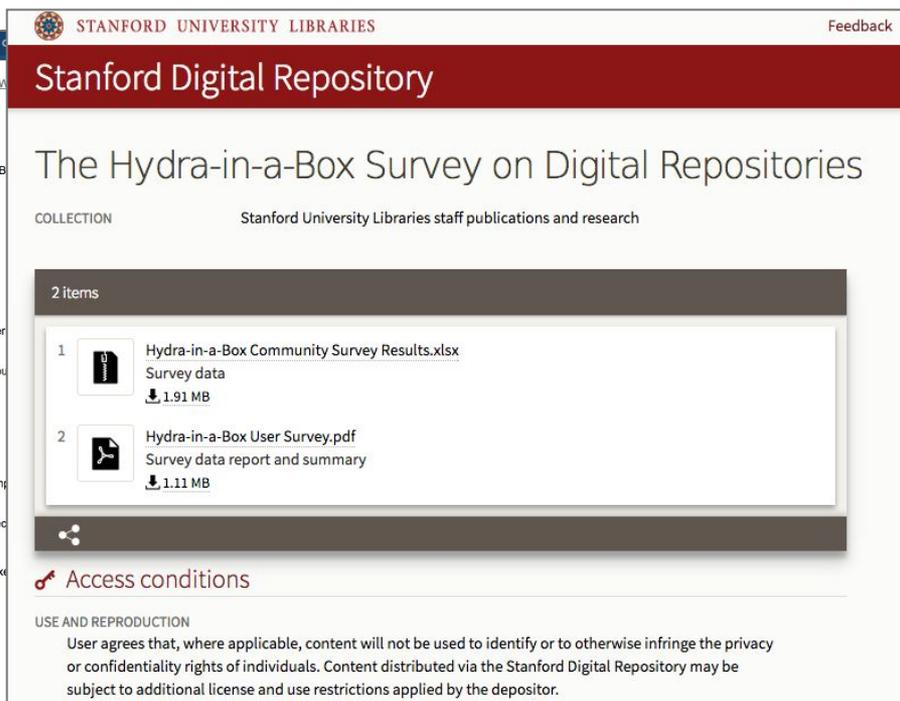


Repository Product	Aggregator Product	Hosted Service
Create a turnkey Hydra application based on Sufia 7	Development / integration of DPLA metadata aggregation & enrichment tools based on Heiðrún	Cloud-based version of the repository product for use across multiple domains
Connections across DPLA hubs, current Hydra partners, and prospective Hydra adopters		

Design Artifacts Published, Survey Data Archived



The screenshot shows a DURA SPACE page for 'The Hydra Project / Hydra-in-a-Box'. The page title is 'Hydra-in-a-Box Design Documents', created by Gary Geisler and last modified by Hannah Frost. The content includes sections for Design Brief, Discovery Research, Environmental Scan, Competitive Analysis, Community Survey, User Interviews, Information Architecture, Requirements, and User Personas. A line from the caption points to the 'User Personas' section.



The screenshot shows the Stanford Digital Repository page for 'The Hydra-in-a-Box Survey on Digital Repositories'. The page is part of the 'Stanford University Libraries staff publications and research' collection. It displays two items:

- 1. Hydra-in-a-Box Community Survey Results.xlsx (Survey data, 1.91 MB)
- 2. Hydra-in-a-Box User Survey.pdf (Survey data report and summary, 1.11 MB)

Below the items, there is an 'Access conditions' section and a 'USE AND REPRODUCTION' section with the following text: 'User agrees that, where applicable, content will not be used to identify or to otherwise infringe the privacy or confidentiality rights of individuals. Content distributed via the Stanford Digital Repository may be subject to additional license and use restrictions applied by the depositor.'

All available on the project wiki:

<http://bit.ly/hybox-design-docs>

Community Sprints

- Complex objects (Princeton, Oregon State, Chemical Heritage Foundation)
- Mediated deposit (Oregon State, Cincinnati, Indiana, Michigan, Cal State, Penn State, Notre Dame, Cincinnati)
- Admin dashboard (Princeton, Penn State, Cincinnati, Cornell)
- Fedora Import/Export (York (🍁), Columbia, Princeton, Virginia, Penn State, DuraSpace)
- FileSets WG (Art Institute of Chicago and others)

For More Information

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github.com/projecthydra

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