



Hydra: One Body, Many Heads for Digital Repositories

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Karen Estlund, Penn State University

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



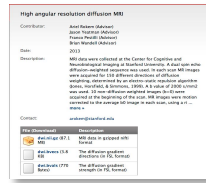
Images



Audio
visual



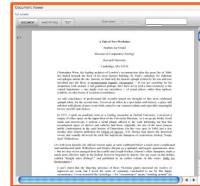
Research
Data



Maps
& GIS



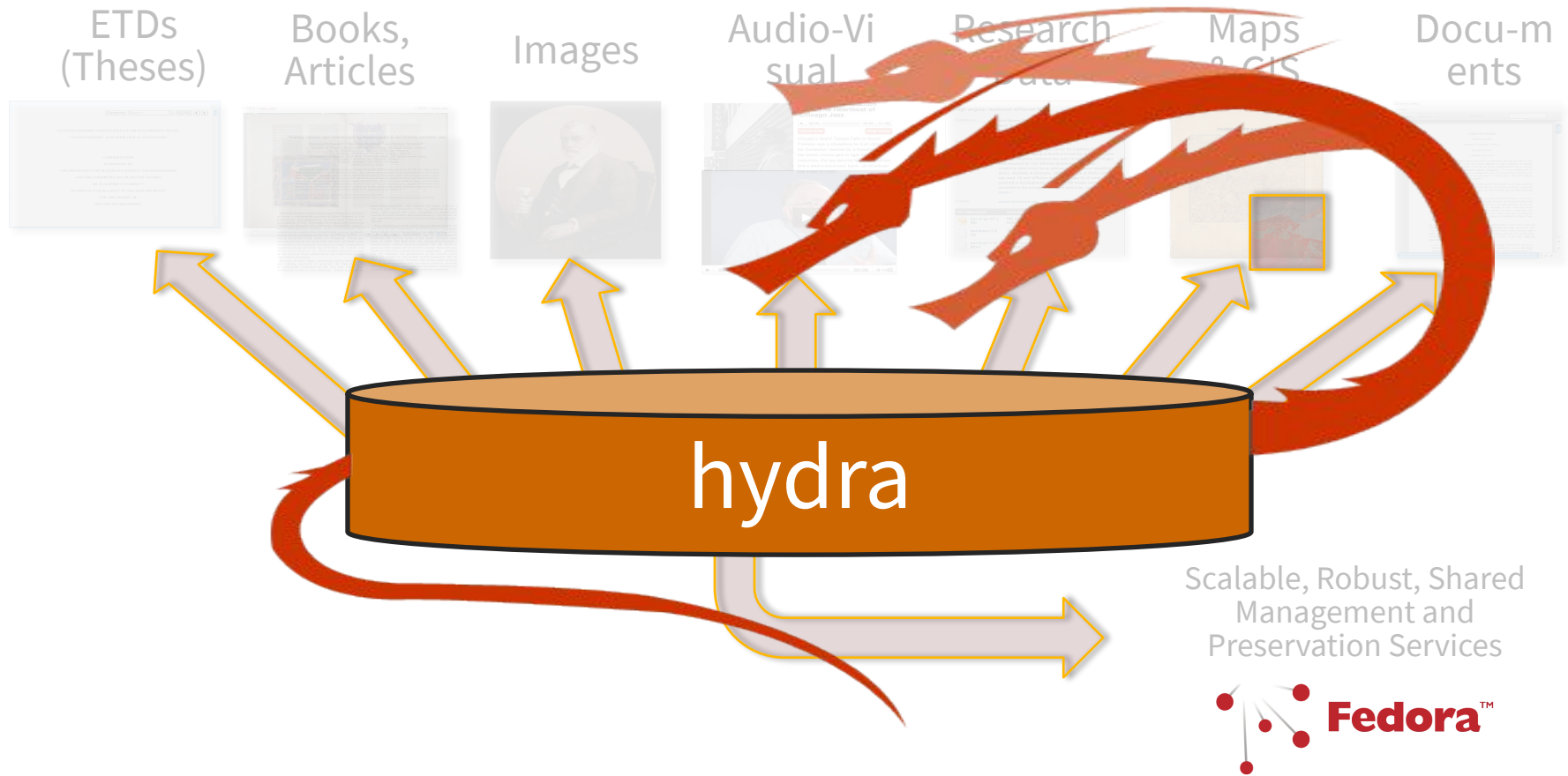
Documents



Digital Repository

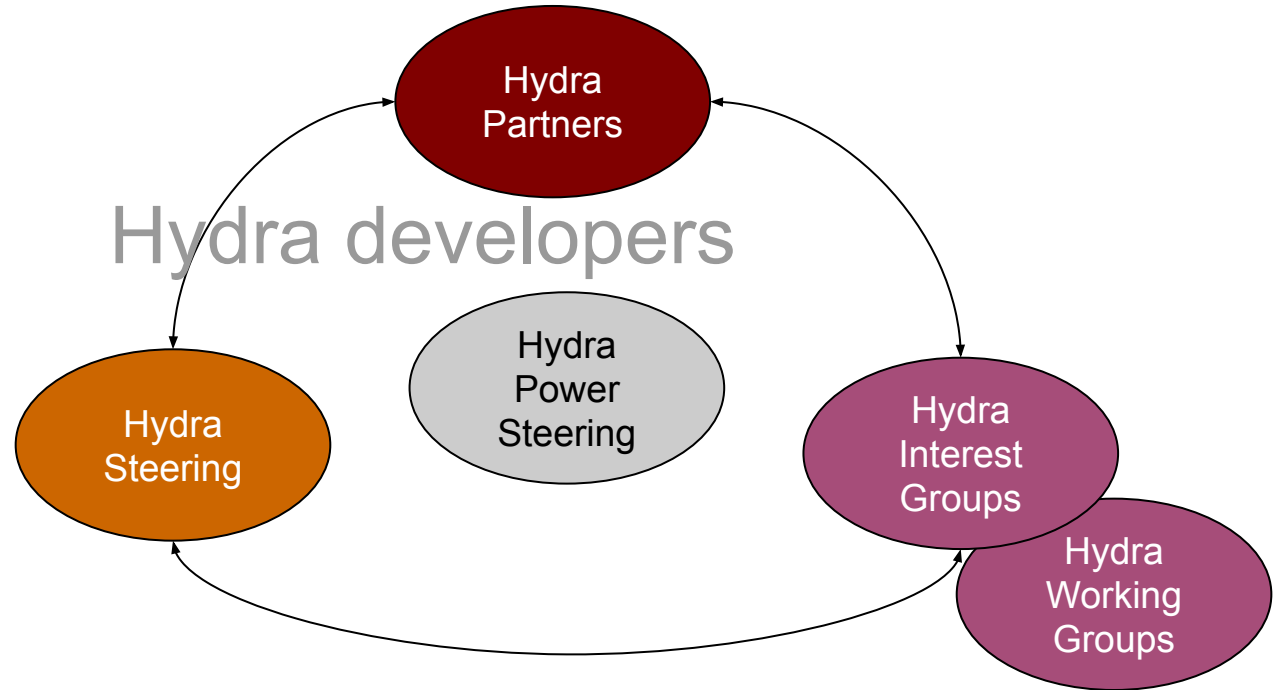
Scalable, Robust, Shared
Management and
Preservation Services

One Body, Many Heads...



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

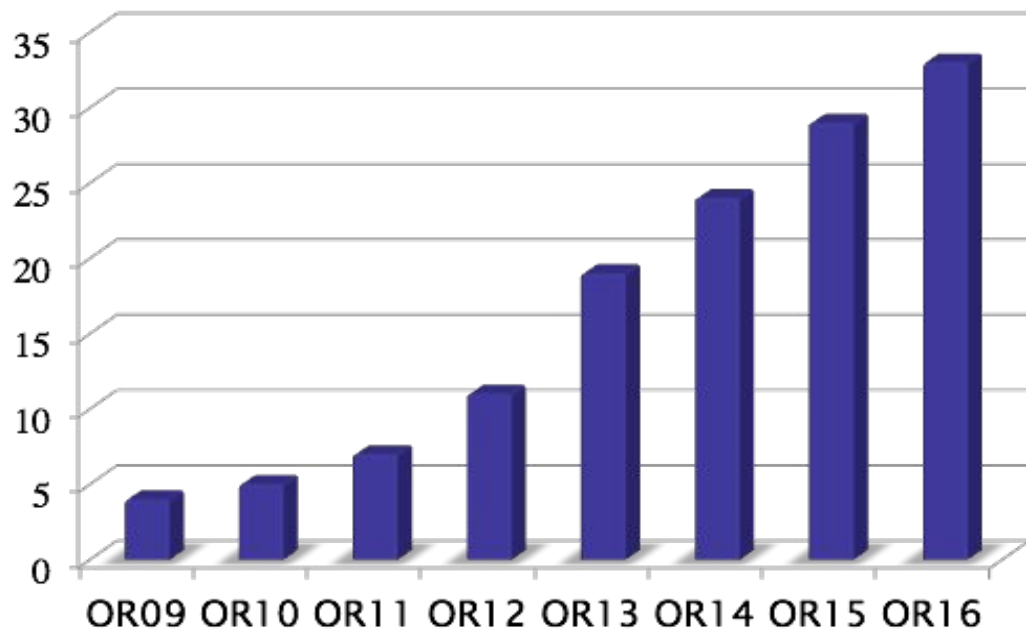
Legal Framework



- 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

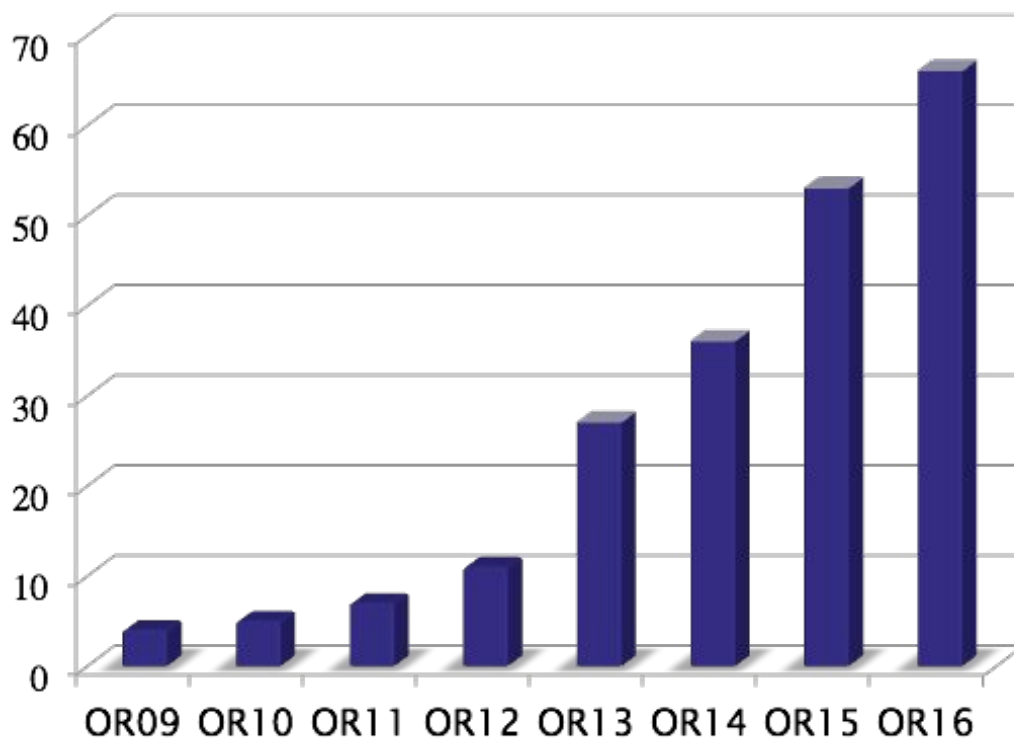


Hydra Partners



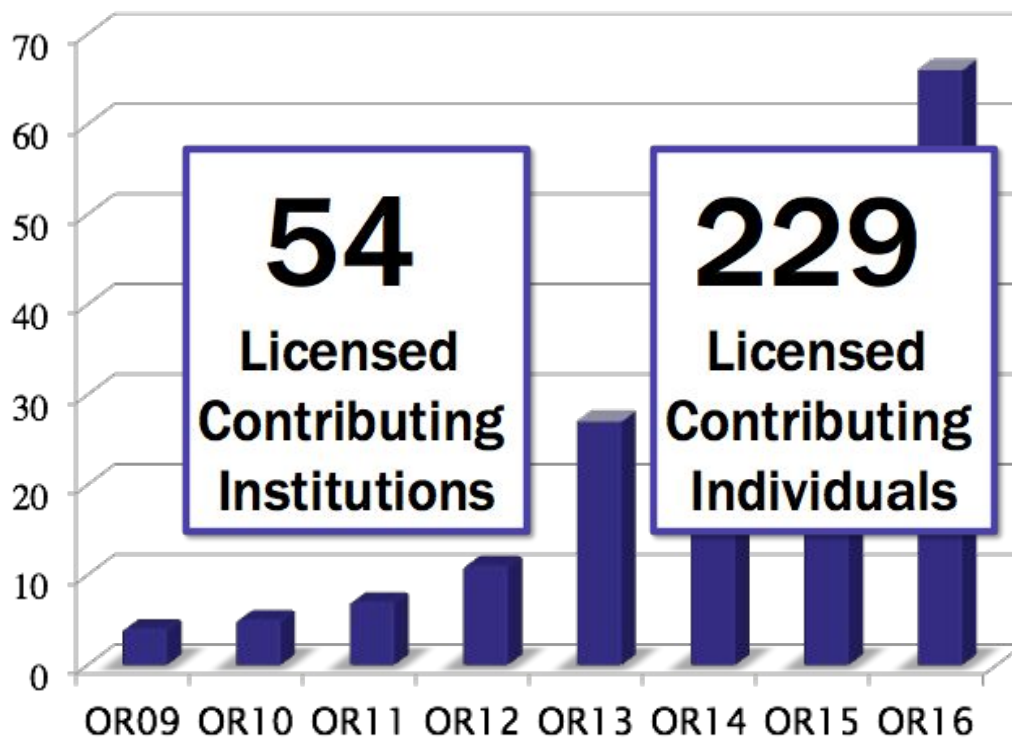
OR = Open Repositories Conference

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

BIBLIOTECA DIGITAL PATRIMONIAL
DuocUC



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Estilo Arquitectónico >

Año Construcción >


Tema >

Colección >


Formato >



Edificios patrimoniales



Iglesias



Barrios típicos

Hydra at a Public Library

Digital Commonwealth
Massachusetts Collections Online

Folders Sign Up / Log In Search...

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Limit your search

Topic ▾

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

Date ▾

- 1880s 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 590

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 ▾

1890, a church calendar

About Paris by Richard Harding Davis

About Paris by Richard Harding Davis

Aetna dynamite

Albert Morris Bagby's new novel Miss Trauerful


America and the Americans

Anne of Argyle by George Eyre Todd

April

The April century

Hydra as the Digital Repository of Ireland



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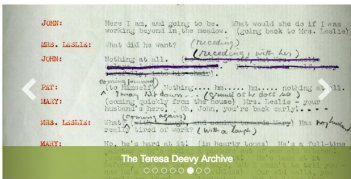
Search...

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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



The Teresa Deevy Archive


Featured Collections (Decade of Centenaries)



Michael Healy Collection

National Irish Visual Arts Library (NIVAL), NCAO


Objects (41)



The Capuchins and the Irish Revolution

Irish Capuchin Provincial Archives

Objects (27)




Dublin City Electoral Lists

Dublin City Library and Archive

Objects (2009)


Featured Objects



Screenshot workshop

Design in Ireland


Image



A scene from Christ Deliver Us! by Thomas Kilroy, 2016.

A Sense of Freedom | Arts | Drama | Irish theatre | Theatre | Production

Image



Down Survey map.

A Sense of Place | History | Local history | Land titles | Land tenure

Image

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 19th-18th, 2016 in Trinity College Dublin

Read More

DRI presenting at Open Repositories 2016

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

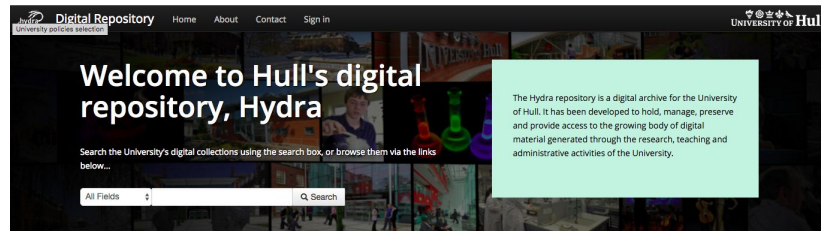
Read More

DRI are Hiring - Research Data Specialist

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

Read More

Hydra at Hull



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.

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[Subject](#)
[Creator](#)

Collections

Have a look at our collections...

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

Popular searches

Why not try some of our most popular searches

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Self-Deposit at the Royal Library of Copenhagen



DIAS

THE ROYAL LIBRARY AND COPENHAGEN UNIVERSITY LIBRARY

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Search...

QSearch



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.

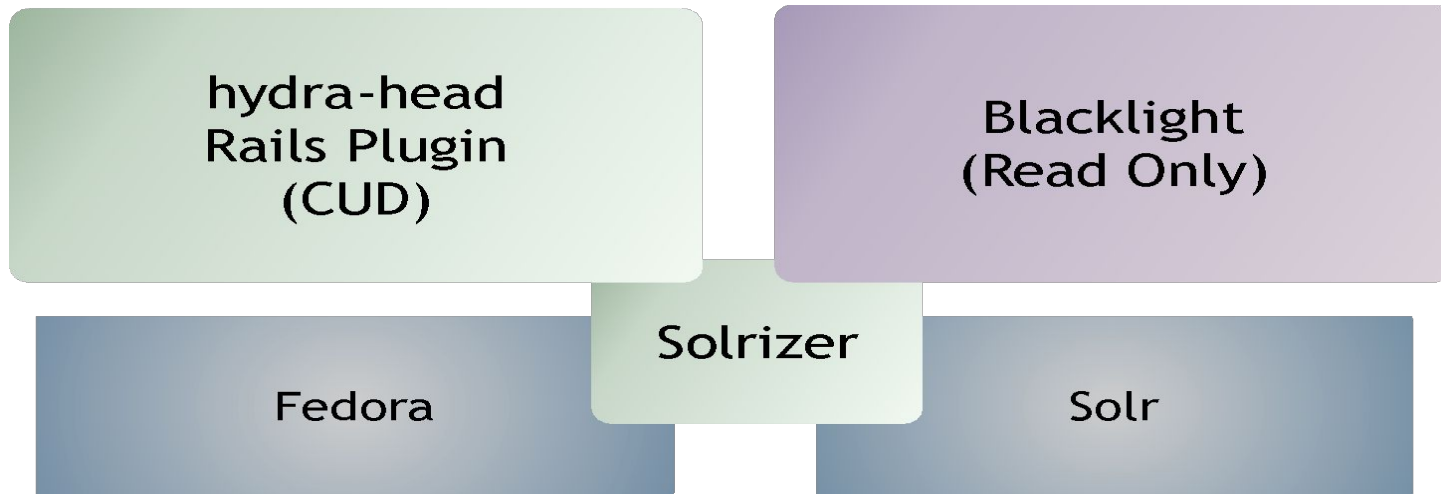
Enjoy.

Share your knowledge
- upload your
assignments

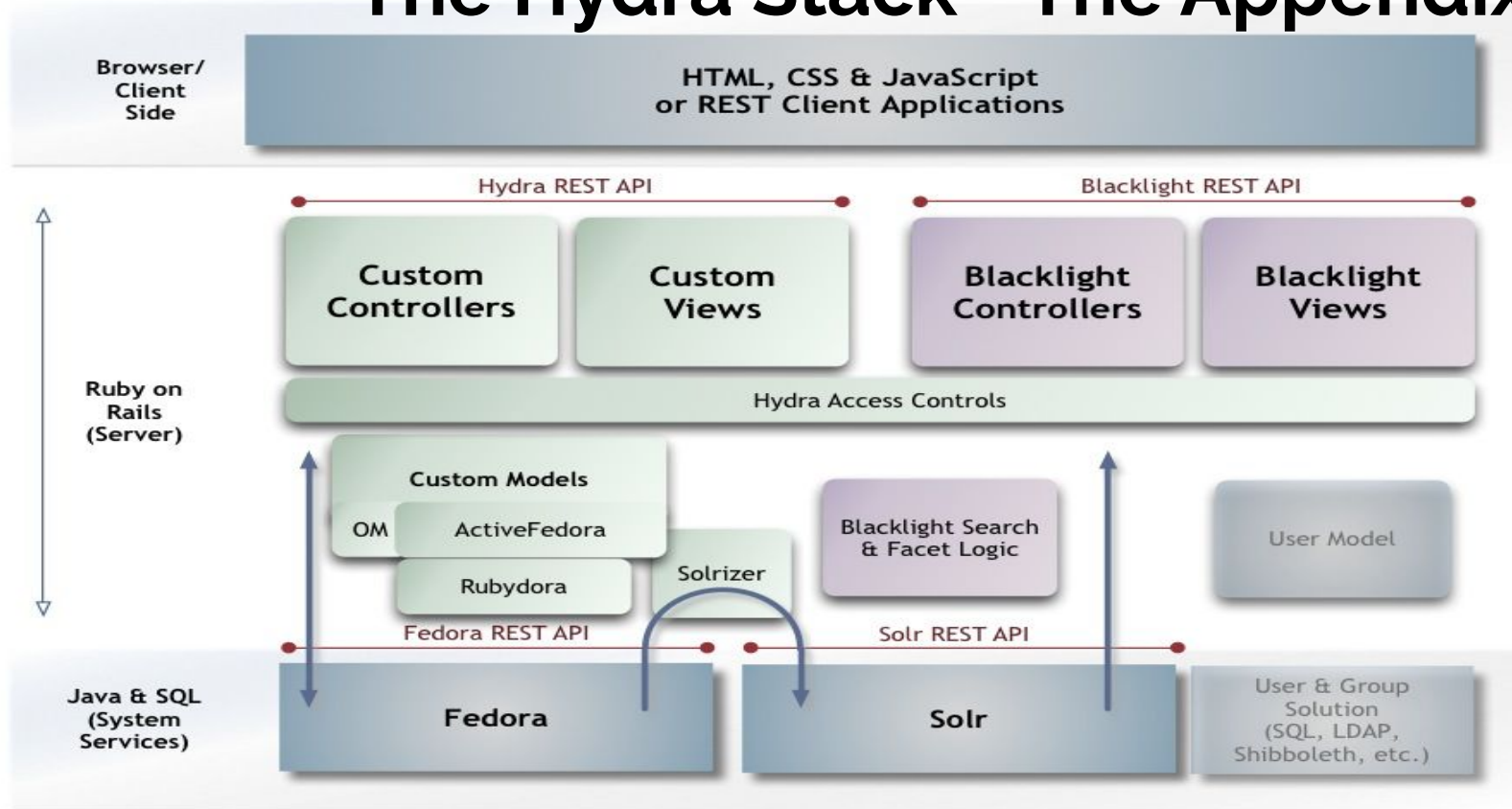
Log in 

Hydra Framework

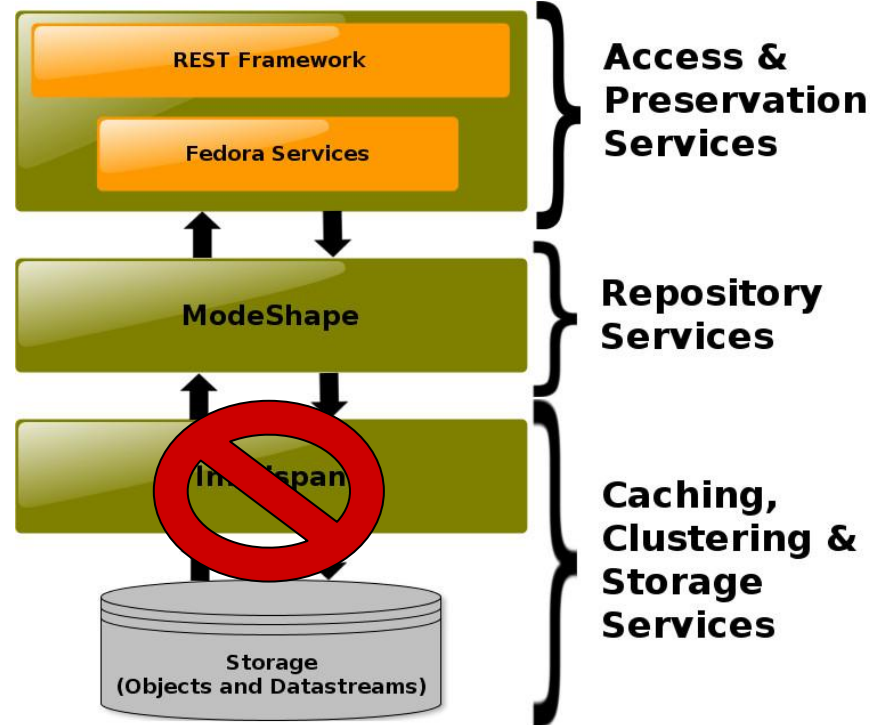
Major Hydra Components



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

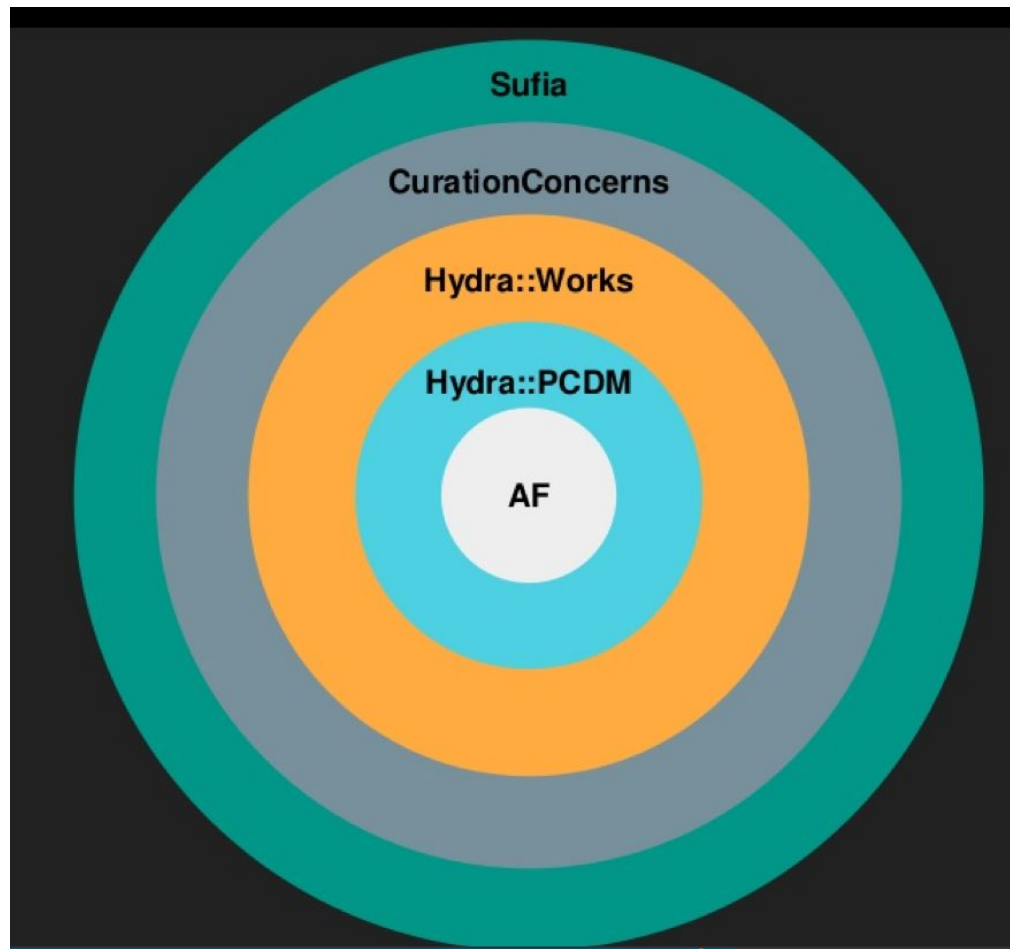
5. Fixity

Fedora 4 - Web Resources

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

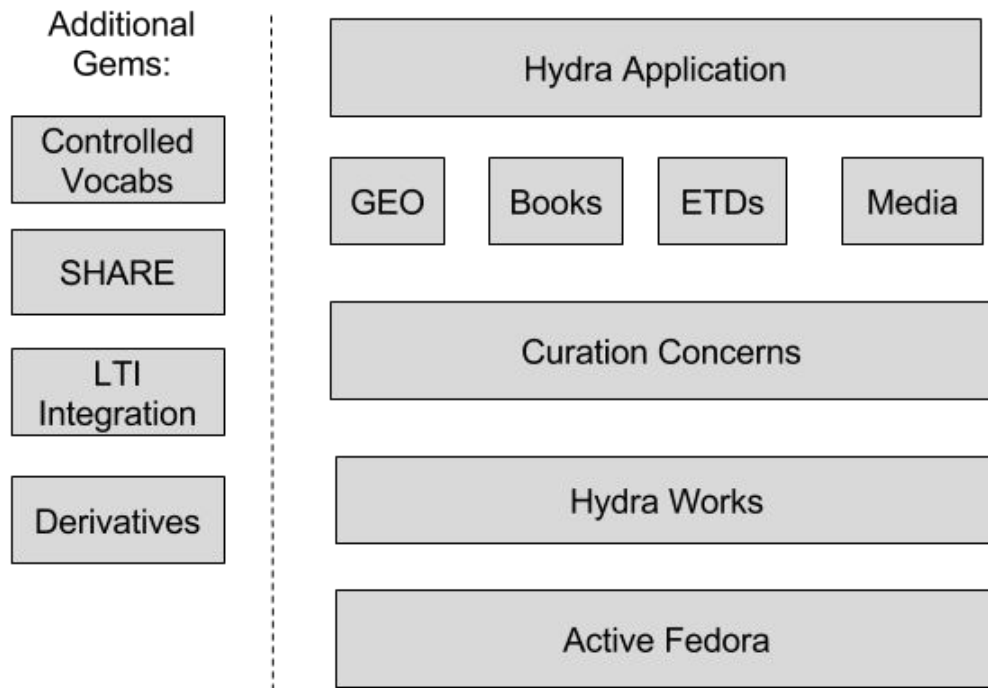
Resources have properties expressed as **RDF triples**

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
- IIIF Manifest
- Batch Edit
- ORCID
- HyBag
- Share-Notify
- Questioning Authority

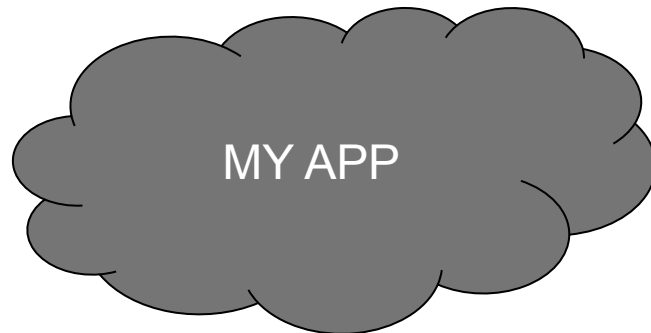
What Level of the Stack?

Sufia

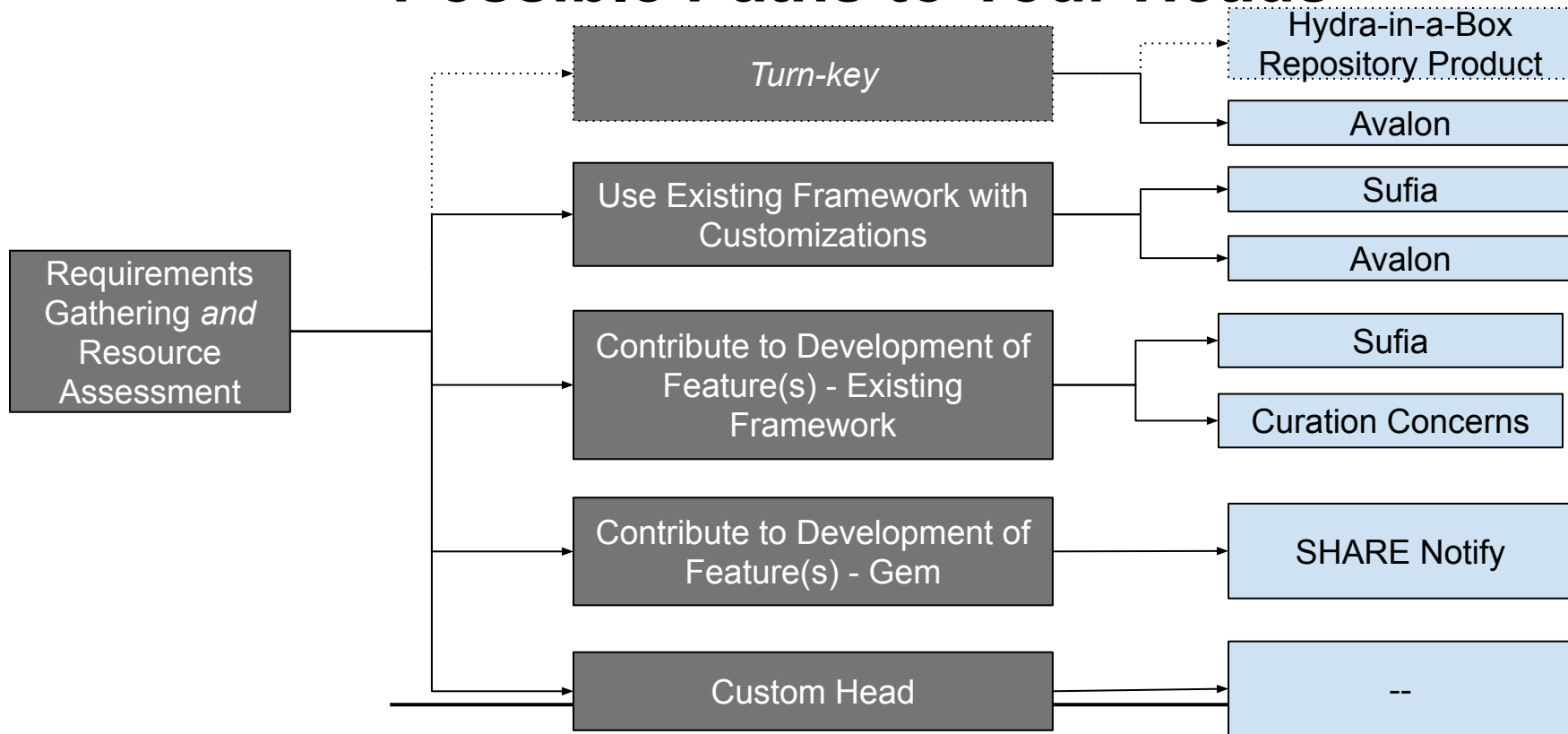
Curation Concerns

⋮

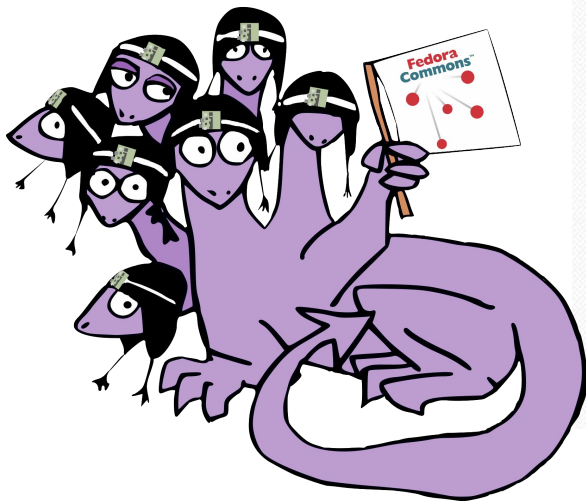
Fedora



Possible Paths to Your Heads



PCDM (Portland Common Data Model)



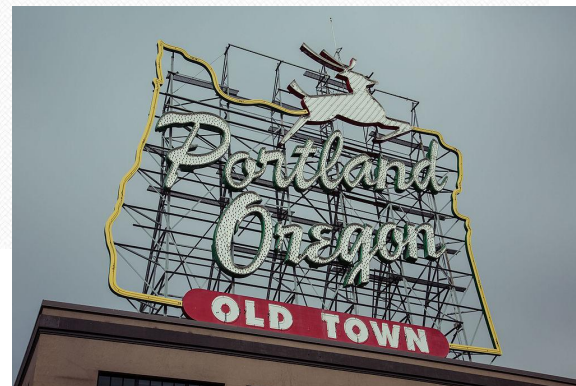
<http://pcdm.org>

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

PCDM Ontologies

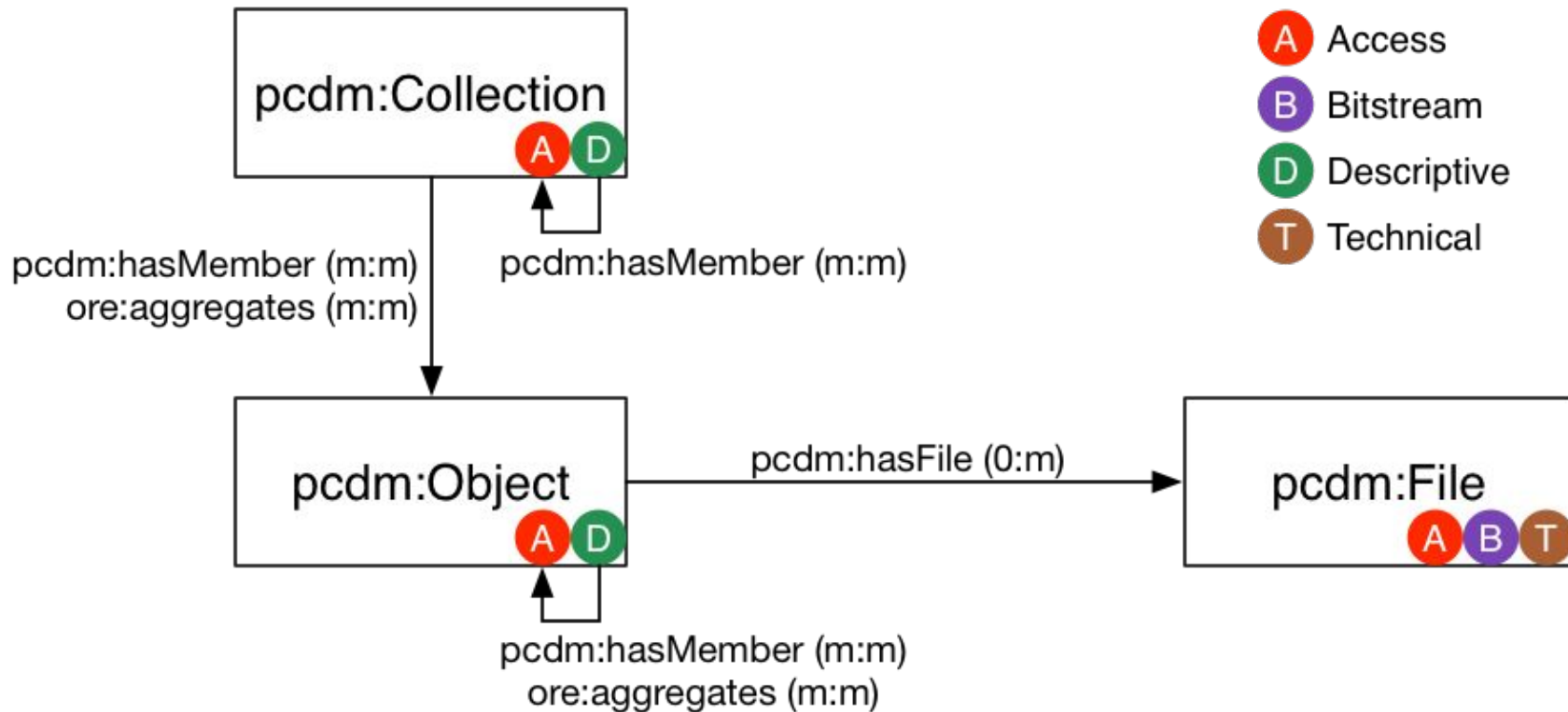
- [PCDM Models Ontology](#)
- [PCDM Use Ontology](#)
- [PCDM Rights Ontology](#)
- [PCDM Works Ontology](#)
- [PCDM File Formats Ontology](#)

PCDM Wiki

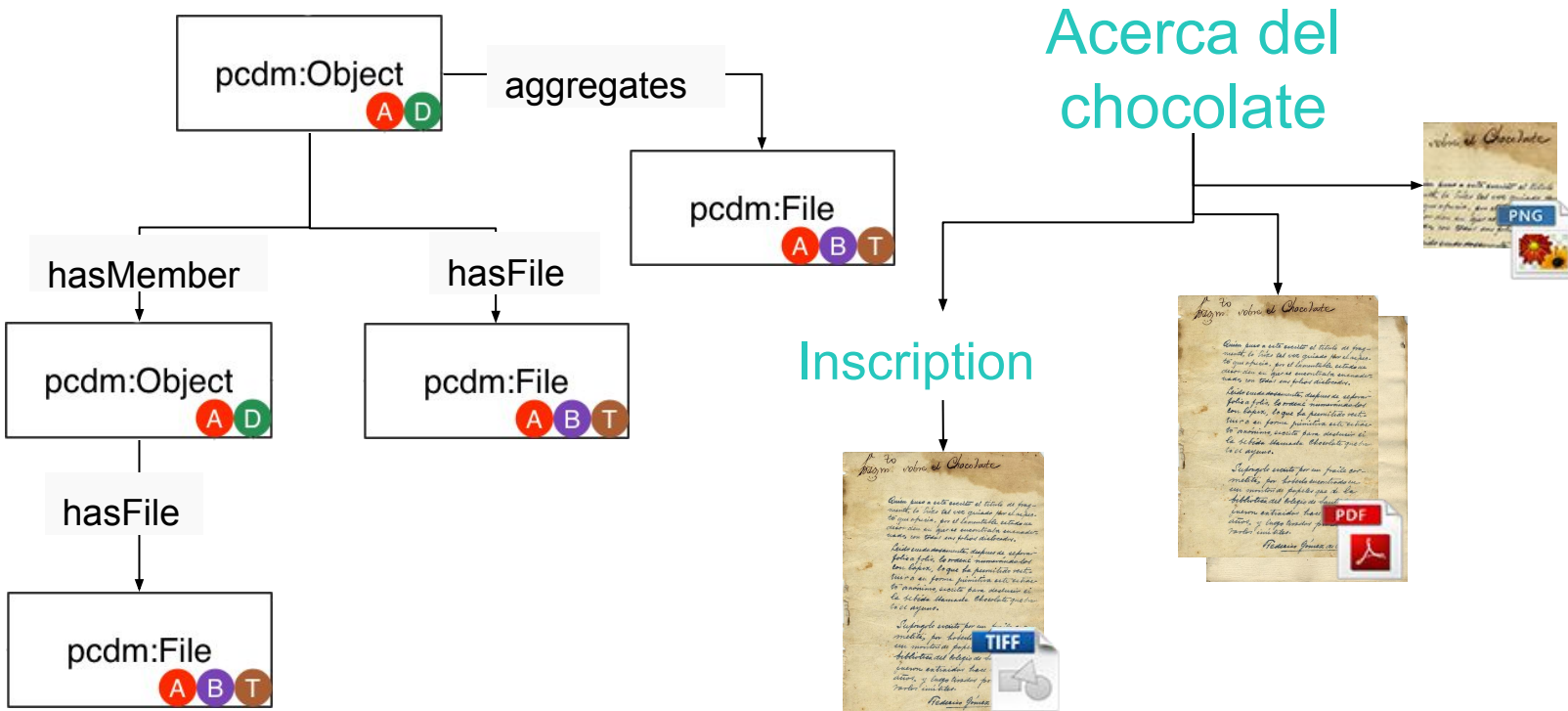


By Tony Webster from Portland, Oregon (Portland Oregon White Stag Sign) [CC BY 2.0 (<http://creativecommons.org/licenses/by/2.0>)], via Wikimedia Commons

PCDM Domain Model



Book Objects in PCDM

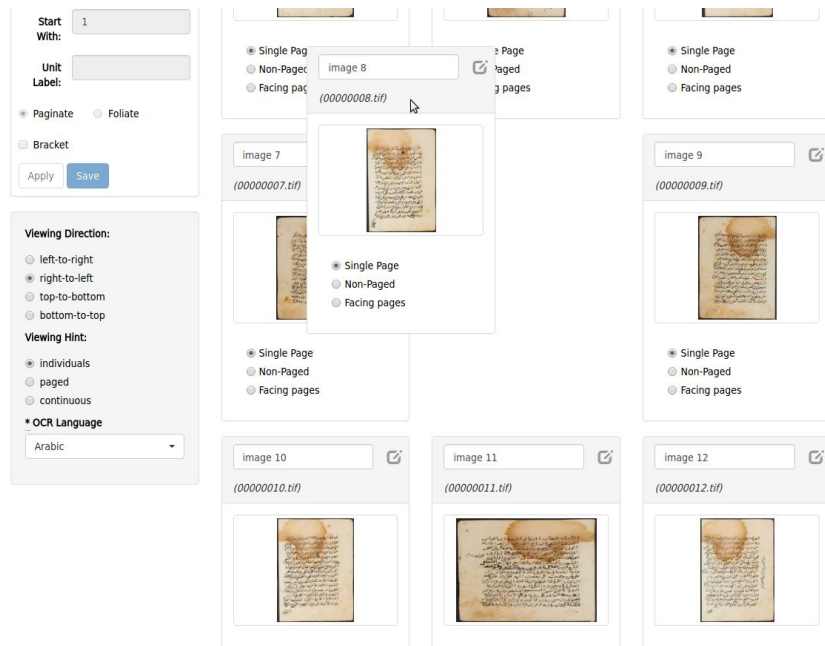


Custom Hydra Heads

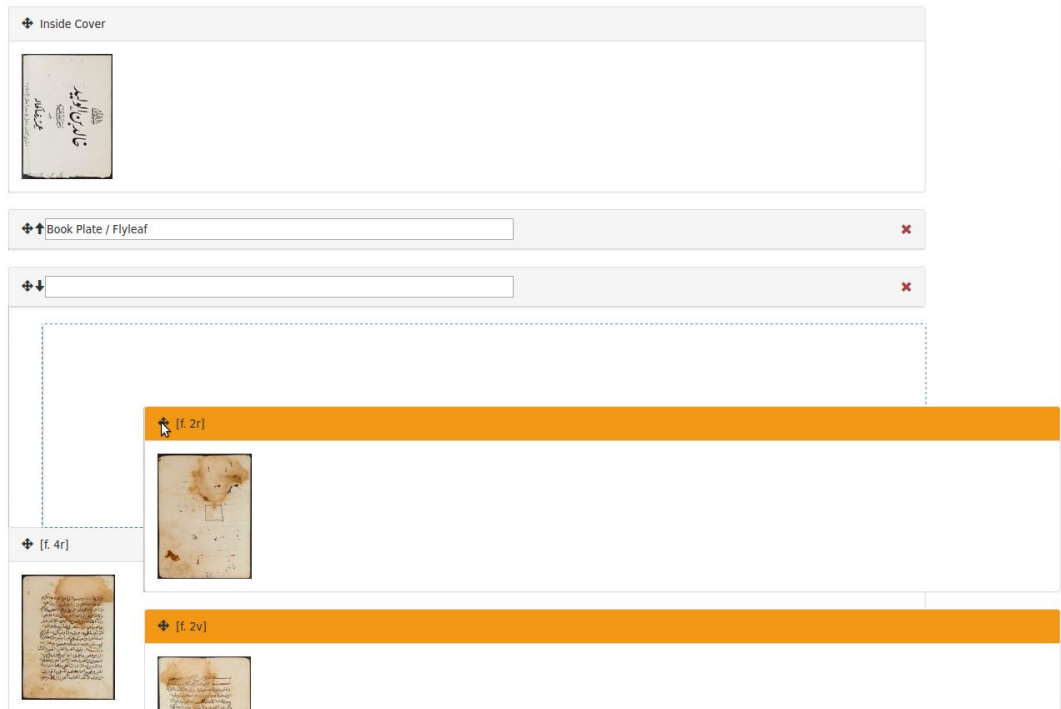
Plum

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

Plum Use Case: Reorder Page Images - Editor



Plum Use Case: Structure - Editor



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

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

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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

[Advanced Search](#)


Log Out [kestlund@uoregon.edu]
Bookmarks - Saved Searches
History
Roles - Review - Ingest - Templates - Destroyed Items

**Geographics**


Location 




Dates





Identifiers


Identifier 



Rights

Rights 

Rights Holder 



Sources

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>

Oregon Digital Use Case: Linked

 LIBRARIES
University of Oregon

**OREGON
DIGITAL**

Search... 

Advanced Search

Login
Bookmarks
History

Kentucky Dream

Search inside

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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" / "Pahjamah" "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)

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Type Text

Format application/pdf

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

Set Historic Sheet Music Collection

Institution University of Oregon



[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)

University of Oregon

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> .

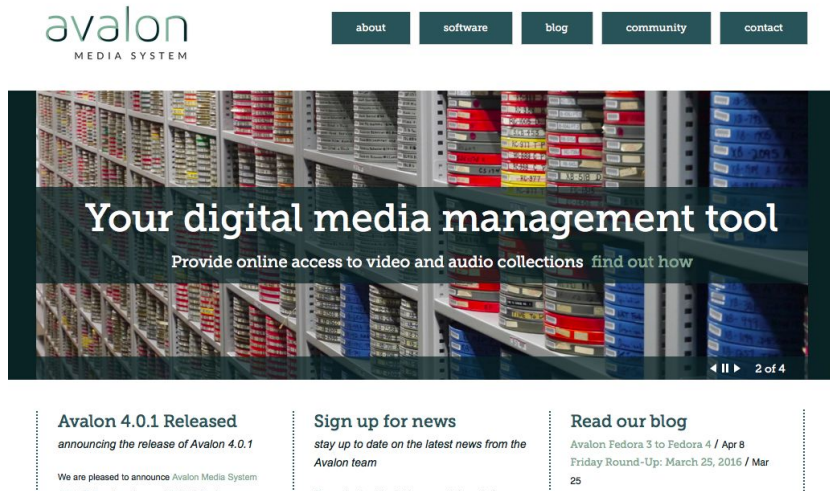
<http://oregondigital.org/resource/oregondigital:fx71bk194> <http://opaquenamespace.org/ns/contributingInstitution>
<http://dbpedia.org/resource/University_of_Oregon> .

Hydra Solution Bundles

Avalon

<http://avalonmediasystem.org/>

Avalon




- 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](#)



00:00 25:43

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.

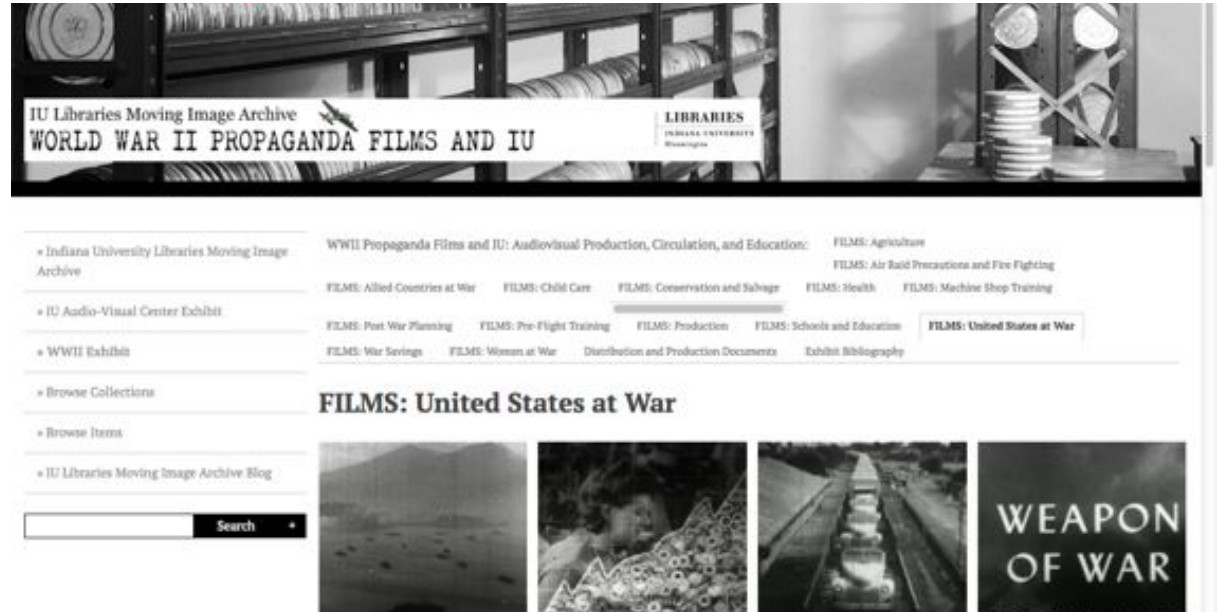
Contributors
Wright, Al G.; Kisinger, William D.; Flemming, Bill, 1926-2007

Genre
Sports

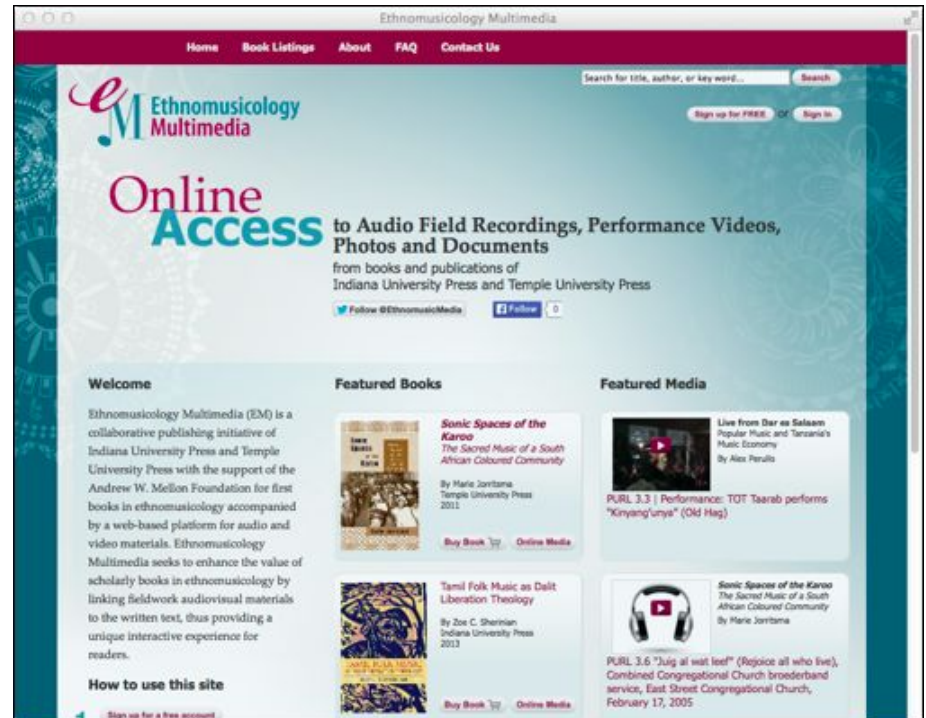
Subjects
Northwestern University (Evanston, IL.)--Football--History;
Northwestern Wildcats (Football team); Big Ten Conference (U.S.)--Football--History; Agase, Alex, 1922-2007

Location
University of Illinois


Avalon Use Case: Online Exhibits



Avalon Use Case: Publishing



Avalon Use Case: Consortial Licensed Video



Authors

- Wenders, Wim
- Gleiwig, Michael, 1959-2014
- Madsen, Michael, 1971-
- Radtke, Robert
- Olin, Margaret, 1970-
- Akshat, Haim

Related Subjects

- Architecture and society
- Prithamrow (Berlin, Germany)
- Massachusetts Institute of Technology
- Salk Institute for Biological Studies
- Opernhaus (Oslo, Norway)
- Centre Georges Pompidou

Item Details

[Start over](#) [Add Star](#) [Item Actions](#)

Cathedrals of Culture


Format	Online, Online Video
Creator	Wenders, Wim, Gleiwig, Michael, 1959-2014, Madsen, Michael, 1971-, Radtke, Robert, Olin, Margaret, 1970-, Akshat, Haim
Date	2014
Necessity	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, Haim Akshat, 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 Northwestern University. The top navigation bar includes the Canvas logo, links for Courses, Grades, and Calendar, and user information for Julie Rudder (jrudder@northwestern.edu). The left sidebar lists various course management tools, with 'Library Media' highlighted. The main content area is titled 'Repository | audio + video' and shows search results for 'External Group > Media in Canvas'. The results list two items: '1. Marching Band, 1957 (16:31)' and '2. Clarinet Master Class 1990-06-21 (2:09:02)'. Each item includes a thumbnail image and details about the main contributors and the date.

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

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


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Files you've deposited

0

Views

0

Downloads

0

Collections you've created

0

People you follow

0

People who are following you

View Profile

Edit Profile

User Activity (last 24 hours)

User has no recent activity

User Notifications

User has no notifications

Manage Proxies

Authorize Proxy

Current Proxies

Search for a user

Transfer of Ownership

Sent

You haven't transferred any files

Received

Select files to transfer

Sufia Use Case: Feature Researcher

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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.

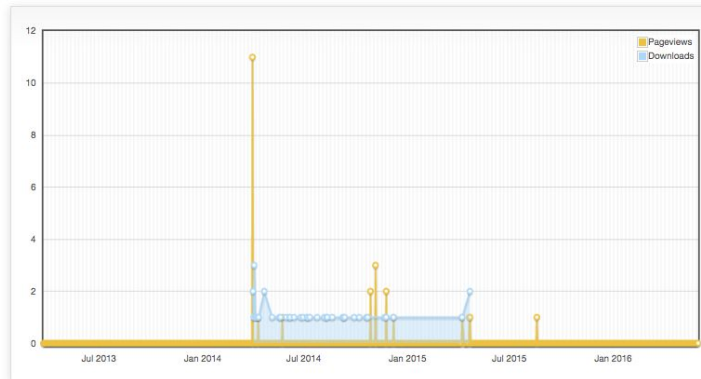
See the [research Dr. Guertin has deposited into ScholarSphere](#).

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

Sufia Use Case: Analytics

Analytics

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ABSTRACT

Effective communication can be effective communication of processes, issues and challenges in the coastal environment. Even at an introductory level, students can be encouraged to communicate their learning goals for coastal and greater community. Improving awareness in undergraduate students about coastal issues of the university not only enhances learning, but can actively engage students in the coastal and improve the coastal. However, if the students are to have a better understanding of the coastal environment, they must be able to communicate their learning goals. This paper presents a series of writing assignments for students to communicate their learning goals. The assignments include writing educational letters for kids for Camp Fire Safety Assembly, Incredible Kid Day, and hosting Girl Scout Badge Day programs teaching environmental concepts. Collaborative programs include hosting campus panel discussions and debates, and creating social media campaigns and a podcasting series communicating coastal issues.

Why these Badges as the Communicators of Science

Coastal issues are complex and require a variety of communication skills. The students can be encouraged to communicate their learning goals for coastal and greater community. Improving awareness in undergraduate students about coastal issues of the university not only enhances learning, but can actively engage students in the coastal and improve the coastal. However, if the students are to have a better understanding of the coastal environment, they must be able to communicate their learning goals. This paper presents a series of writing assignments for students to communicate their learning goals. The assignments include writing educational letters for kids for Camp Fire Safety Assembly, Incredible Kid Day, and hosting Girl Scout Badge Day programs teaching environmental concepts. Collaborative programs include hosting campus panel discussions and debates, and creating social media campaigns and a podcasting series communicating coastal issues.

Education Letters and Learning Goals

Coastal issues are complex and require a variety of communication skills. The students can be encouraged to communicate their learning goals for coastal and greater community. Improving awareness in undergraduate students about coastal issues of the university not only enhances learning, but can actively engage students in the coastal and improve the coastal. However, if the students are to have a better understanding of the coastal environment, they must be able to communicate their learning goals. This paper presents a series of writing assignments for students to communicate their learning goals. The assignments include writing educational letters for kids for Camp Fire Safety Assembly, Incredible Kid Day, and hosting Girl Scout Badge Day programs teaching environmental concepts. Collaborative programs include hosting campus panel discussions and debates, and creating social media campaigns and a podcasting series communicating coastal issues.

The Coastal Panel Discussion

Coastal issues are complex and require a variety of communication skills. The students can be encouraged to communicate their learning goals for coastal and greater community. Improving awareness in undergraduate students about coastal issues of the university not only enhances learning, but can actively engage students in the coastal and improve the coastal. However, if the students are to have a better understanding of the coastal environment, they must be able to communicate their learning goals. This paper presents a series of writing assignments for students to communicate their learning goals. The assignments include writing educational letters for kids for Camp Fire Safety Assembly, Incredible Kid Day, and hosting Girl Scout Badge Day programs teaching environmental concepts. Collaborative programs include hosting campus panel discussions and debates, and creating social media campaigns and a podcasting series communicating coastal issues.

Writing Goals

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New Book Publishing Panel

Coastal issues are complex and require a variety of communication skills. The students can be encouraged to communicate their learning goals for coastal and greater community. Improving awareness in undergraduate students about coastal issues of the university not only enhances learning, but can actively engage students in the coastal and improve the coastal. However, if the students are to have a better understanding of the coastal environment, they must be able to communicate their learning goals. This paper presents a series of writing assignments for students to communicate their learning goals. The assignments include writing educational letters for kids for Camp Fire Safety Assembly, Incredible Kid Day, and hosting Girl Scout Badge Day programs teaching environmental concepts. Collaborative programs include hosting campus panel discussions and debates, and creating social media campaigns and a podcasting series communicating coastal issues.

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Publisher:

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Depositor: [Laura Guertin](#)

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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
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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 image displays two overlapping screenshots. The background screenshot is a DuraSpace page titled 'Hydra-in-a-Box Design Documents'. It lists various project artifacts including a Design Brief, Discovery Research, Environmental Scan, Competitive Analysis, Community Survey, User Interviews, Information Architecture, Requirements, and User Personas. The foreground screenshot is from the Stanford Digital Repository, showing a collection titled 'The Hydra-in-a-Box Survey on Digital Repositories'. It lists two items: 'Hydra-in-a-Box Community Survey Results.xlsx' (1.91 MB) and 'Hydra-in-a-Box User Survey.pdf' (1.11 MB). Below the list, there is a section for 'Access conditions' and 'USE AND REPRODUCTION'.

Hydra-in-a-Box Design Documents
Created by Gary Gesler, last modified by Hannah Frost just a moment ago

Below are the summary documents and raw data we intend to complete and share as part of the Hydra-in-a-Box project. Completed documents are linked; additional documents will be linked to as we finalize them.

Design Brief
A two-page summary of the project goals, partners, scope, and design and development process.

Discovery Research
Environmental Scan
Summary of the relevant literature and websites we reviewed to learn from related research and better understand the digital repository landscape.
Spreadsheet of (un-prioritized) potential system and user requirements we gathered from external sources.

Competitive Analysis
Summary of our review of other digital repository products and services.

Community Survey
Raw data collected from our July, 2015 web-based survey. Contains anonymized data from the 248 completed survey responses. A copy of the data is also available in the Stanford Digital Repository.
Final report of the same July, 2015 survey, containing both executive summary and detailed findings sections.

User Interviews
Report on the interviews and focus groups we conducted in Summer and Fall, 2015. Contains both executive summary and detailed findings sections.

Information Architecture
Requirements
Prioritized list of requirements for the project.

User Personas
Six user personas that we developed for the project.

Stanford Digital Repository
The Hydra-in-a-Box Survey on Digital Repositories
COLLECTION Stanford University Libraries staff publications and research

2 items

- Hydra-in-a-Box Community Survey Results.xlsx
Survey data
1.91 MB
- Hydra-in-a-Box User Survey.pdf
Survey data report and summary
1.11 MB

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USE AND REPRODUCTION
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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