

The Repository Rodeo

Dataverse, DSpace, EPrints, Fedora, Invenio, Islandora, Samvera
Open Repositories 2024

Panelists

Dataverse: Gustavo Durand, Harvard University

DSpace: Kristi Park, Texas Digital Library

EPrints: Rory McNicholl, CoSector

Fedora: Kate Dohe, University of Maryland

Invenio: Alex Ioannidis, CERN

Islandora: Donald Moses, University of Prince Edward Island

Samvera: Heather Greer Klein, Samvera

Dataverse

Dataverse

Gustavo Durand

Technical Lead / Architect

IQSS, Harvard University



Introduction to Dataverse

Overview

- **An open-source platform to publish, cite, and archive research data**
- Built to support multiple types of data, users, and workflows
- Developed at Harvard's Institute for Quantitative Social Science (IQSS) since 2006
- Development funded by IQSS and with grants, in collaboration with institutions around the world
- Core team
 - @ IQSS - developers, UX/UI, metadata specialists, curation team, leadership team
 - key contributors from the community with full privileges as IQSS team

Dataverse Features

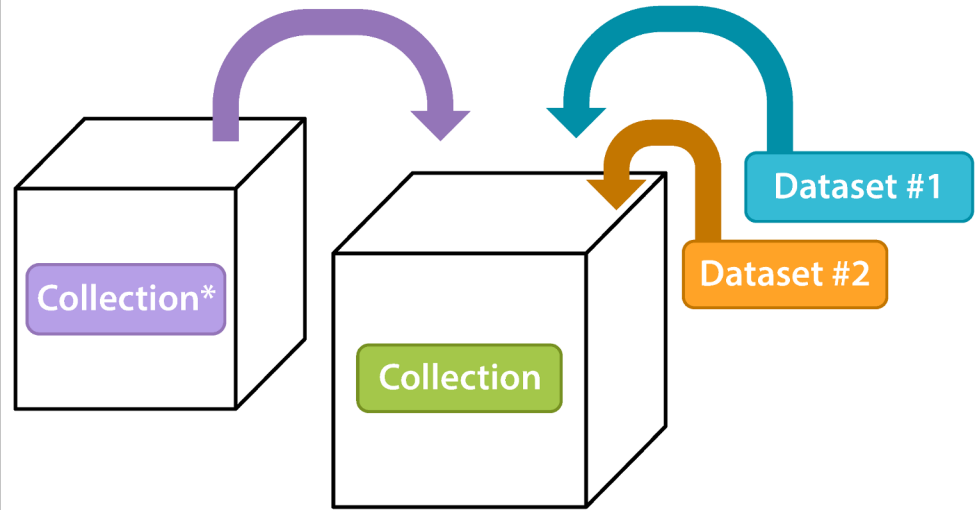
<https://dataverse.org/software-features>

- Main goal of core code is to focus on publishing (citing, sharing, versioning, etc.), FAIR Data principles
- Robust APIs to allow interoperability with “external tools” and other repositories / software

Dataverse Collections

- Ability to create Dataverse collections to organize datasets according to your needs
- Dataverses collections can also contain other collections, enabling any hierarchical structure
- Different rules can be applied for different Dataverse collections, e.g. for Metadata, Permissions, etc.

Schematic Diagram of a **Collection** in Dataverse Software 5.0



Container for your **Datasets** and/or **Collections***


* Collections can contain other Collections


Dynamic Metadata


- Metadata is defined dynamically at the database level, allowing for modularly adding new Metadata blocks
- Supports:
 - single or multiple values
 - simple or compound values
 - controlled vocabularies







Choose the metadata fields to use in dataset templates and when adding a dataset to this dataverse.


- Citation Metadata (Required) [\[+\] View fields + set as hidden, required, or optional](#)
- Geospatial Metadata [\[+\] View fields](#)
- Social Science and Humanities Metadata [\[+\] View fields](#)
- Astronomy and Astrophysics Metadata [\[+\] View fields](#)
- Life Sciences Metadata [\[+\] View fields](#)
- Journal Metadata [\[+\] View fields](#)






Citation Metadata 


Title * 
[Add "Replication Data for" to Title](#)

Author * 


Name * 	Affiliation 	
<input type="text" value="Admin, Dataverse"/>	<input type="text" value="Dataverse.org"/>	
Identifier Scheme 	Identifier 	
<input type="text" value="Select..."/>	<input type="text"/>	


Contact * 

Name 	Affiliation 	
<input type="text" value="Admin, Dataverse"/>	<input type="text" value="Dataverse.org"/>	
E-mail * 		
<input type="text" value="dataverseadmin@iq.harvard.edu"/>		

Description * 

This field supports only certain [HTML tags](#).

Text * 

Date 

Flexible Permission System

- Supports multiple workflows by controlling who can add to your Dataverse collection, what they can, and what role they have on and created Datasets
- Roles are defined as a set of permissions to grant to users or to groups
- Groups can be defined statically or dynamically (e.g. users logging in from the same institution, via Shibboleth)

Edit Access

Who can add to this dataverse?

- Anyone adding to this dataverse needs to be given access
- Anyone with a Dataverse account can add sub dataverses
- Anyone with a Dataverse account can add datasets
- Anyone with a Dataverse account can add sub dataverses and datasets

When a user adds a new dataset to this dataverse, which role should be automatically assigned to them on that dataset?

- Contributor - Edit metadata, upload files, and edit files, edit Terms, Guestbook, Submit datasets for review
- Curator - Edit metadata, upload files, and edit files, edit Terms, Guestbook, File Restrictions (Files Access + Use), Edit Permissions/Assign Roles + Publish

Save Changes

Cancel

2 Users/Groups

User/Group Name (Affiliation) ⚡	ID ⚡	Role ⚡
Dataverse Admin (Dataverse.org)	@dataverseAdmin	Admin
Anyone with a Dataverse account	:authenticated-users	Dataverse + Dataset Creator

Robust APIs

- APIs for search, deposit, access, administration, metrics, etc.
- Additional APIs for harvesting (discovery) and interoperability with other systems
- External tools can be registered via APIs, so that Dataverse can provide links in the UI, then user is sent to tool to preview, explore, configure, and more

API Guide

Contents:

- Introduction
 - What is an API?
 - Types of Dataverse Software API Users
 - API Users Within a Single Dataverse Installation
 - Users of Integrations and Apps
 - Power Users
 - Support Teams and Superusers
 - Sysadmins
 - In House Developers
 - API Users Across the Dataverse Project
 - Developers of Integrations, External Tools, and Apps
 - Developers of Dataverse Software API Client Libraries
 - Developers of The Dataverse Software Itself
 - How This Guide is Organized
 - Getting Started
 - API Tokens and Authentication
 - Lists of Dataverse APIs
 - Client Libraries
 - Examples
 - Frequently Asked Questions
 - Getting Help
 - Getting Started with APIs
 - Servers You Can Test With
 - Getting an API Token
 - curl Examples and Environment Variables
 - Depositing Data
 - Creating a Dataverse Collection
 - Creating a Dataset
 - Uploading Files
 - Publishing a Dataverse Collection
 - Publishing a Dataset
-

Dataverse Technology



Payara 6

Java 17

Java EE10

- Presentation: RESTful API, JSF (PrimeFaces)
- Business: EJB, Transactions, Asynchronous, Timers
- Storage: JPA (Entities), Bean Validation

Front end: SPA (React) - **In Beta!**

Storage: Postgres, Solr, File System / Swift / S3

Dataverse Community

Dataverse Community

- 190+ Github Contributors
- Hundreds of members of the Dataverse Community - developers, researchers, librarians, data scientists
 - Workshops & Trainings
 - UX/UI Testing & Interviews
 - Global Dataverse Community Consortium
 - Dataverse Google Group / Matrix / Community Slack
 - Dataverse Community Calls
 - Dataverse Community Meeting

Dataverse Cup 🏆



Global Dataverse Community Consortium

- Supporting Dataverse repositories around the world

The Global Dataverse Community Consortium (GDCC) is dedicated to providing international organization to existing Dataverse community efforts, and will provide a collaborative venue for institutions to leverage economies of scale in support of Dataverse repositories around the world.



<http://DataverseCommunity.Global>

Dataverse Community

- 118 (self reporting) installations around the world



The Data (dataverse.org/metrics)

- 118 installations
- 16,600 Dataverse Collections*
- 426,000 Datasets*
- 6,120,000 Files*
- 86,500,000 File Downloads*

* metrics collected from 96 installations
(running 4.9 and newer)

Datasets by Most Common Subject



New Features

Releases since last year

Four releases:

- 5.14 - August 2023
- 6.0 - September 2023
- 6.1 - December 2023
- 6.2 - April 2024

Dataverse 5.14

- Developed in parallel with 6.0
- Highlights - <https://github.com/IQSS/dataverse/releases/tag/v5.14>
 - **Registering PIDs (DOIs or Handles) for files in select collections**
 - Signposting for Dataverse
 - Permalinks support
 - Mechanism Added for Adding External Exporters
 - Creating datasets with incomplete metadata through API
 - Support for Grouping Dataset Files by Folder and Category Tag
 - Indexing performance improved
 - Changes to PID Provider JVM Settings
 - In preparation for a future feature to use multiple PID providers at the same time
 - New External Tool Type - “query” type tool

Registering PIDs for files in select collections

- It is now possible to configure registering PIDs for files in individual collections.
 - registration of PIDs for files can be enabled in a specific collection when it is disabled instance-wide
 - Or it can be disabled in specific collections where it is enabled by default
- Available via the Admin API

[:FilePIDsEnabled](#)

Toggles publishing of file-level PIDs for the entire installation. By default this setting is absent and Dataverse Software assumes it to be false. If enabled, the registration will be performed asynchronously (in the background) during publishing of a dataset.

It is possible to override the installation-wide setting for specific collections, see [:AllowEnablingFilePIDsPerCollection](#). For example, registration of PIDs for files can be enabled in a specific collection when it is disabled instance-wide. Or it can be disabled in specific collections where it is enabled by default. See [Change Collection Attributes](#) for details.

To enable file-level PIDs for the entire installation:

```
``curl -X PUT -d 'true' http://localhost:8080/api/admin/settings/:FilePIDsEnabled``
```

If you don't want to register file-based PIDs for your entire installation:

```
``curl -X PUT -d 'false' http://localhost:8080/api/admin/settings/:FilePIDsEnabled``
```

[:AllowEnablingFilePIDsPerCollection](#)

Toggles whether superusers can change the File PIDs policy per collection. By default this setting is absent and Dataverse Software assumes it to be false.

For example, if this setting is true, registration of PIDs for files can be enabled in a specific collection when it is disabled instance-wide. Or it can be disabled in specific collections where it is enabled by default. See [Change Collection Attributes](#) for details.

To enable setting file-level PIDs per collection:

```
``curl -X PUT -d 'true' http://localhost:8080/api/admin/settings/:AllowEnablingFilePIDsPerCollection``
```

When [:AllowEnablingFilePIDsPerCollection](#) is true, setting File PIDs to be enabled/disabled for a given collection can be done via the Native API - see [Change Collection Attributes](#) in the Native API Guide.

Dataverse 6.0

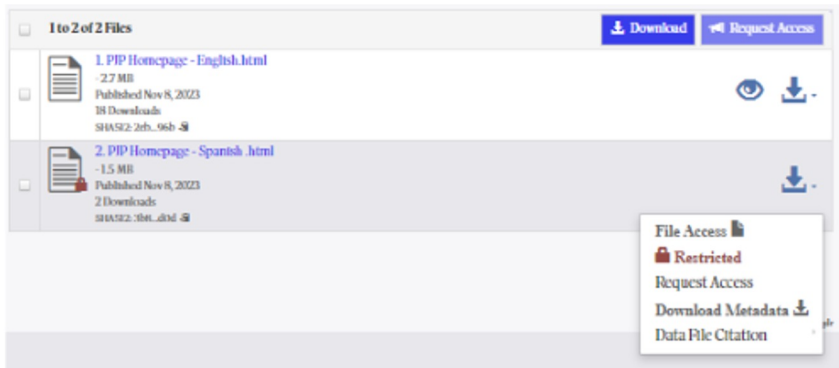
- Functionally the same as 5.14, but featuring major upgrades to core components:
 - The required **Java** version has been increased (from version 11) to **version 17**
 - **Payara** application server has been upgraded to **version 6**
 - **Solr** has been upgraded to **version 9.3.0**
 - **PostgreSQL 13** remains the tested and supported version
- <https://github.com/IQSS/dataverse/releases/tag/v6.0>

Dataverse 6.1

- First “timed” release
- Highlights - <https://github.com/IQSS/dataverse/releases/tag/v6.1>
 - **Guestbook at request**
 - **Collection-level storage quotas**
 - Globus support (experimental), continued
 - JSON Schema for datasets
 - OpenID Connect (OIDC) improvements
 - Solr improvements
 - New release of Dataverse Previewers (including a Markdown previewer)
 - External tools: configure tools now available at the dataset level

Guestbook at request

- Dataverse can now be configured to display any configured guestbook to users when they request restricted files
 - The default, showing guestbooks when files are downloaded, remains as it was in prior Dataverse versions
- The global default can be overridden at the collection level and at the individual dataset level



Data Project Terms

Please confirm and/or complete the information needed below in order to request access to files in this data project.

This data project is made available under the following terms. Please confirm and/or complete the information needed below in order to continue.

License/Data Use Agreement: [Our Commons license](#) as well as good scientific practice expect that proper credit is given to citizens. Please see the data citation down on the data project page.

QDR [Controlled Access](#)

Name *

Email *

Institution *

Position *

REQUIRED Questions

Are you currently a student? *

If you are a student, where and what are you studying? Please specify your field of scholarship and degree program (i.e., bachelor's, master's, doctoral degree), if applicable.

If you are a student, would this research project be part of a thesis or dissertation project?

PROPOSED RESEARCH TOPIC AND QUESTION (1-3-4 sentences) *

PROPOSED RESEARCH PLAN: Please outline a brief research plan in the form you intend to submit to your institution's IRB. You can also email a file to qdr@tpc.edu *

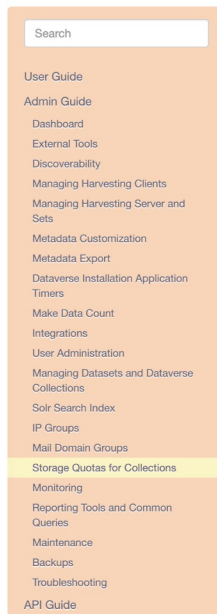
PROPOSED PUBLICATION GOALS: Please indicate your intended research product(s) and potential target journal(s) or other publication venues for your work using PIP data. *

DATA REQUESTED: Please specify the data to which you are requesting access. *

If you are requesting access to audio and/or image files, please explain why this will be required for the research you plan to conduct.

Collection-level storage quotas

- Instance admins can now define storage quota limits for specific collections
 - Storage quotas are inherited by subcollections
 - A storage quota defined on a child sub-collection overrides whatever quota that may be defined on the parent, or inherited from an ancestor
- the users will be informed of the remaining storage allocation on the file upload page
- Still an experimental feature; learn more at <https://guides.dataverse.org/en/6.1/admin/collectionquotas.html>



A screenshot of the Dataverse admin navigation menu. The menu is a vertical list of links on an orange background. The link 'Storage Quotas for Collections' is highlighted in yellow. Other visible links include Search, User Guide, Admin Guide, Dashboard, External Tools, Discoverability, Managing Harvesting Clients, Managing Harvesting Server and Sets, Metadata Customization, Metadata Export, Dataverse Installation Application Timers, Make Data Count, Integrations, User Administration, Managing Datasets and Dataverse Collections, Solr Search Index, IP Groups, Mail Domain Groups, Monitoring, Reporting Tools and Common Queries, Maintenance, Backups, Troubleshooting, and API Guide.

Storage Quotas for Collections

Please note that this is a new and still experimental feature (as of Dataverse v6.1 release).

Instance admins can now define storage quota limits for specific collections. These limits can be set, changed and/or deleted via the provided APIs (please see the [Collection Storage Quotas](#) section of the [Native API](#) guide). The Read version of the API is available to the individual collection admins (i.e., a collection owner can check on the quota configured for their collection), but only superusers can set, change or disable storage quotas.

Storage quotas are *inherited* by subcollections. In other words, when storage use limit is set for a specific collection, it applies to all the datasets immediately under it and in its sub-collections, unless different quotas are defined there and so on. Each file added to any dataset in that hierarchy counts for the purposes of the quota limit defined for the top collection. A storage quota defined on a child sub-collection overrides whatever quota that may be defined on the parent, or inherited from an ancestor.

For example, a collection **A** has the storage quota set to 10GB. It has 3 sub-collections, **B**, **C** and **D**. Users can keep uploading files into the datasets anywhere in this hierarchy until the combined size of 10GB is reached between them. However, if an admin has reasons to limit one of the sub-collections, **B** to 3GB only, that quota can be explicitly set there. This both limits the growth of **B** to 3GB, and also *guarantees* that allocation to it. I.e. the contributors to collection **B** will be able to keep adding data until the 3GB limit is reached, even after the parent collection **A** reaches the combined 10GB limit (at which point **A** and all its subcollections except for **B** will become read-only).

We do not yet know whether this is going to be a popular, or needed use case - a child collection quota that is different from the quota it inherits from a parent. It is likely that for many instances it will be sufficient to be able to define quotas for collections and have them apply to all the child objects underneath. We will examine the response to this feature and consider making adjustments to this scheme based on it. We are already considering introducing other types of quotas, such as limits by users or specific storage volumes.

Please note that only the sizes of the main datafiles and the archival tab-delimited format versions, as produced by the ingest process are counted for the purposes of enforcing the limits. Automatically generated "auxiliary" files, such as rescaled image thumbnails and metadata exports for datasets are not.

When quotas are set and enforced, the users will be informed of the remaining storage allocation on the file upload page together with other upload and processing limits.

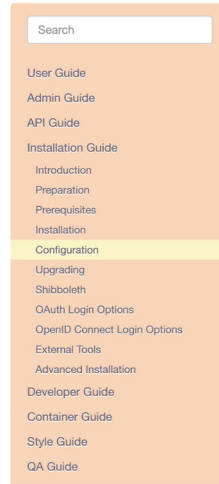
Part of the new and experimental nature of this feature is that we don't know for the fact yet how well it will function in real life on a very busy production system, despite our best efforts to test it prior to the release. One specific issue is having to update the recorded storage use for every parent collection of the given dataset whenever new files are added. This includes updating the combined size of the root, top collection - which will need to be updated after every file upload. In an unlikely case that this will start causing problems with race conditions and database update conflicts, it is possible to disable these updates (and thus disable the storage quotas feature), by setting the `dataverse.storageuse.disable-storageuse-increments` JVM setting to true.

Dataverse 6.2

- Highlights - <https://github.com/IQSS/dataverse/releases/tag/v6.2>
 - Search and Facet by License
 - Support for Using Multiple PID Providers
 - **Rate Limiting**
 - Simplified SMTP Configuration
 - Harvesting Handle Missing Controlled Values
 - Ingested Tabular Data Files Can Be Stored Without the Variable Name Header
 - Uningest/Reingest Options Available in the File Page Edit Menu
 - New Accounts Metrics API
 - Several Existing APIs extended

Rate limiting

- The option to rate limit has been added to prevent users from over taxing the system either deliberately or by runaway automated processes
- Rate limiting can be configured on a tier level
 - tier 0 reserved for guest users
 - tiers 1+ for authenticated users
 - Superuser accounts are exempt from rate limiting
- Still an experimental feature; learn more at <https://guides.dataverse.org/en/6.2/installation/config.html#rate-limiting>



Rate Limiting

Rate limiting has been added to prevent users from over taxing the system either deliberately or by runaway automated processes. Rate limiting can be configured on a tier level with tier 0 being reserved for guest users and tiers 1-9 for authenticated users. Superuser accounts are exempt from rate limiting. Rate limits can be imposed on command APIs by configuring the tier, the command, and the hourly limit in the database. Two database settings configure the rate limiting. Note: If either of these settings exist in the database rate limiting will be enabled (note that a Payara restart is required for the setting to take effect). If neither setting exists rate limiting is disabled.

- `:RateLimitingDefaultCapacityTiers` is the number of calls allowed per hour if the specific command is not configured. The values represent the number of calls per hour per user for tiers 0,1,... A value of -1 can be used to signify no rate limit. Tiers not specified in this setting will default to -1 (No Limit). I.e., -d "10000" is equivalent to -d "10000,-1,-1,..."

```
curl http://localhost:8080/api/admin/settings/:RateLimitingDefaultCapacityTiers -X PUT -d '10000,20000'
```

- `:RateLimitingCapacityByTierAndAction` is a JSON object specifying the rate by tier and a list of actions (commands). This allows for more control over the rate limit of individual API command calls. In the following example, calls made by a guest user (tier 0) for API `GetLatestPublishedDatasetVersionCommand` is further limited to only 10 calls per hour, while an authenticated user (tier 1) will be able to make 30 calls per hour to the same API.

rate-limit-actions.json Example JSON for `RateLimitingCapacityByTierAndAction`

```
curl http://localhost:8080/api/admin/settings/:RateLimitingCapacityByTierAndAction -X PUT -d '{ "tier": 0, "limitPerHour": 10, "actions": ["GetLatestPublishedDatasetVersionCommand", "GetPrivateUrlCommand", "GetDatasetCommand", "GetLatestAccessibleDatasetVersionCommand"] }, { "tier": 0, "limitPerHour": 1, "actions": ["CreateGuestbookResponseCommand", "UpdateDatasetVersionCommand", "DestroyDatasetCommand", "DeleteDataFileCommand", "FinalizeDatasetPublicationCommand", "PublishDatasetCommand"] }, { "tier": 1, "limitPerHour": 30, "actions": ["CreateGuestbookResponseCommand", "GetLatestPublishedDatasetVersionCommand", "GetPrivateUrlCommand", "GetDatasetCommand", "GetLatestAccessibleDatasetVersionCommand", "UpdateDatasetVersionCommand", "DestroyDatasetCommand", "DeleteDataFileCommand", "FinalizeDatasetPublicationCommand", "PublishDatasetCommand"] } }
```

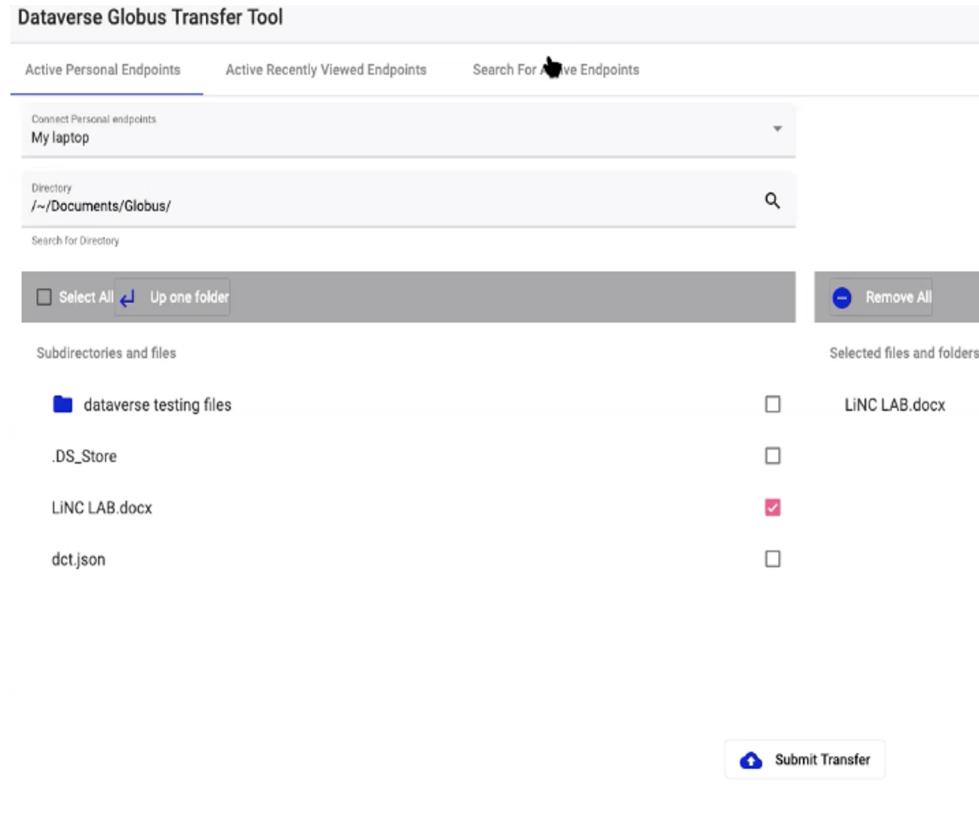
New Tools

Recent External Tools

- New File Previewers
 - Rich HTML previewer
 - RO-Crate
 - Shape files/geotiff
 - NcML
 - H5 Web
- Updated Globus Transfer Tool
- “Query” type tools for tabular data files
 - Ask the Data
- Dataset level “configure” tools
 - Turbo Curator

Globus Transfer Tool

- Support upload and download in Dataverse beyond the limitations of using HTTPS & existing APIs
- Ability to add files or just file metadata (leaving file at source) to Dataverse
- Integration aims to support use cases for:
 - Medium to large data transfers into/out of Dataverse managed endpoints
 - Referencing data on trusted remote Globus endpoints
 - Integration with Computation
 - Sensitive Data



The screenshot displays the 'Dataverse Globus Transfer Tool' interface. At the top, there are navigation tabs: 'Active Personal Endpoints', 'Active Recently Viewed Endpoints', and 'Search For Active Endpoints'. Below these, a dropdown menu shows 'Connect Personal endpoints' with 'My laptop' selected. A search bar for the directory is set to '/~/Documents/Globus/'. Below the search bar, there are controls for 'Select All' (disabled), 'Up one folder', and 'Remove All'. The main area is divided into 'Subdirectories and files' and 'Selected files and folders'. The 'Subdirectories and files' list includes 'dataverse testing files', '.DS_Store', 'LiNC LAB.docx', and 'dct.json'. The 'Selected files and folders' list shows 'LiNC LAB.docx' with a checked checkbox. A 'Submit Transfer' button is located at the bottom right.

Subdirectories and files	Selected files and folders
<input type="checkbox"/> dataverse testing files	<input type="checkbox"/> LiNC LAB.docx
<input type="checkbox"/> .DS_Store	<input type="checkbox"/>
<input type="checkbox"/> LiNC LAB.docx	<input checked="" type="checkbox"/>
<input type="checkbox"/> dct.json	<input type="checkbox"/>

Ask the Data

- File level **query** tools allow the user to ask questions (e.g. natural language queries) of a data table's contents without having to download the file
- First experimental query tool developed at IQSS (by Stefano!), **Ask the Data**

File Name	Size	Published	Downloads	Variables	Observations	Preview
Data_L17.tab	5.9 KB	Mar 4, 2024	1	11	136	UNF:6:+fug...j5g==
Data_L18.tab	4.1 KB	Mar 4, 2024	0	11	94	UNF:8:KkR9...Mxg==
Data_L19.tab	6.2 KB	Mar 4, 2024	0	11	132	UNF:6:INS0...QJQ==

Tell me what you want to know

What can we infer about negative ideology?

Answer please

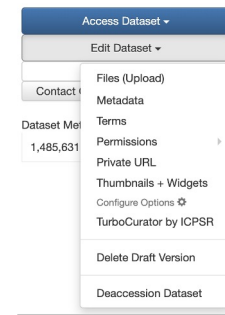
The most extreme negative ideologies in the database are -0.664, -0.63, -0.572, -0.565, -0.488, -0.483, -0.403, -0.389, -0.372, and -0.371.

unique_id	brawling_censure	nonbrawling_censure	brawling_news	brawling_confirmed	seniority	PR	ideology	nominate	margin	stronghold
164001	0	0	0	0	5	0	-0.483	0.582553804	27.91	1
171007	0	0	0	0	1	1	-0.05	0.776581347		0
171008	0	0	0	0	1	0	-0.212	0.703234076	38.55	0
171009	0	0	0	0	1	0	-0.371	0.350053042	1.64	0
161007	0	0	0	0	2	0	-0.167	0.723539472	13.47	0
171010	0	0	0	0	1	0	0.074	0.965648651		0
171011	0	0	0	0	1	0	-0.038	0.745611489	23.43	0
171012	0	0	0	0	1	0	0.134	0.780160308	29.51	1
171014	0	0	0	0	1	0	-0.024	0.771167517	8.57	1
161010	0	0	0	0	2	0	-0.239	0.662850797	1.71	0

Viewing rows 1 through 10 of 136

Turbo Curator

- First to use new Dataset level configure tools that allow (authorized) users to send metadata about the dataset back to Dataverse
- uses Open AI's ChatGPT & ICPSR best practices to provides recommendation to enhance metadata & generate meaningful titles, descriptions, and keywords
- Already in use with Harvard Dataverse



Title [What are these suggestions based on?](#)

Preschool First Step to Success: Replication Study on Improving Child Behavior and School Readiness for At-Risk Children in Low-Income Families, Philadelphia, Pennsylvania, United States (2023-2025)

[Copy Title Recommendation](#)

Your Entry

PRESCHOOL FIRST STEP TO SUCCESS: AN EFFICACY REPLICATION STUDY

[Hide](#)

Description [What are these suggestions based on?](#)

The study aimed to replicate the effectiveness of the Preschool First Step to Success Intervention in enhancing the behavior, social skills, and school readiness of preschool children at high risk for oppositional and conduct disorders. The randomized controlled trial involved three cohorts of 59 early childhood program

[Copy Description Recommendation](#)

Your Entry

Keywords [What are these suggestions based on?](#)

Intervention, school readiness

[Copy Keywords Recommendation](#)

Your Entry

[Hide](#)

Future Plans

Activities for Dataverse Team @ Harvard

- Harvard Dataverse Support
- Community Development Facilitation
- NIH GREI (Generalist Repository Ecosystem Initiative)
 - Individual Proposal
 - “Coopetition” Activities
 - Dataverse, Dryad, Figshare, Mendeley Data, Open Science Framework, Vivli
- Other Dataverse related projects and partnerships

NIH GREI Program Activities

- Remote Large Storage Support
- Controlled Vocabularies for Biomedical
- Discovery for DDI-CDI
- Software and Biomedical Workflows
- Harvesting and Sharing Metadata Across Repositories
- Usage Metrics - Make Data Count Support
- Revisiting of Sensitive Data Support
- Evaluation and Evolution of Architecture
- NIH Data Management Plans
- Training

Upcoming Release Plans

- new Timed Release Plan; every 3 months
- Next release **6.3** upcoming, **mid-June 2024**
 - Includes Globus and SPA updates
- **Beyond**
 - Continue SPA work for eventual retirement of current UI
 - Marketplace - for easier configuration of modular components - exporters, metadata blocks, etc.
 - More Integrations and External tools!

Dataverse Roadmap

<https://www.iq.harvard.edu/roadmap-dataverse-project>

- Strategic Goals
- Implementation, Planning, Future

Thank you

Dataverse Community Meeting 2025
University of North Carolina at
Chapel Hill



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL



Open source research data repository software



Researchers

Enjoy full control over your data. Receive *web visibility*, *academic credit*, and *increased citation counts*. A personal dataverse is easy to set up, allows you to display your data on your personal website, can be branded uniquely as your research program, makes your data more discoverable to the research community, and satisfies data management plans. [Want to set up your personal dataverse?](#)



Journals

Seamlessly manage the submission, review, and publication of data associated with published articles. Establish an *unbreakable link* between *articles in your journal* and *associated data*. Participate in the open data movement by using Dataverse as part of your journal data policy or list of repository recommendations. [Want to find out more about journal dataverses?](#)



Institutions

Establish a research data management solution for your community. Federate with a growing list of Dataverse repositories worldwide for increased discoverability of your community's data. Participate in the drive to set norms for sharing, preserving, citing, exploring, and analyzing research data. [Want to install a Dataverse repository?](#)



Developers

Participate in a vibrant and growing community that is helping to drive the norms for sharing, preserving, citing, exploring, and analyzing research data. Contribute code extensions, documentation, testing, and/or standards. *Integrate research analysis, visualization and exploration tools*, or other research and data archival systems with Dataverse. [Want to contribute?](#)

<https://dataverse.org>

<https://github.com/iqss/dataverse>

DSpace

A turnkey institutional repository application



DSPACE

Est. 2002

DSpace Overview



The platform – DSpace includes a core set of functionality out of the box that can be extended to, or integrated with, complementary services and tools in the larger scholarly ecosystem.



Its community – DSpace has a community of highly-skilled developers, engaged and active users, and supporting institutions committed to continuously expanding and improving the software.



Its Governance - based on a representative, community-based membership model incrementally rewarding members who have made the greatest commitments to the project.



DSpace



>3,500 Installations*



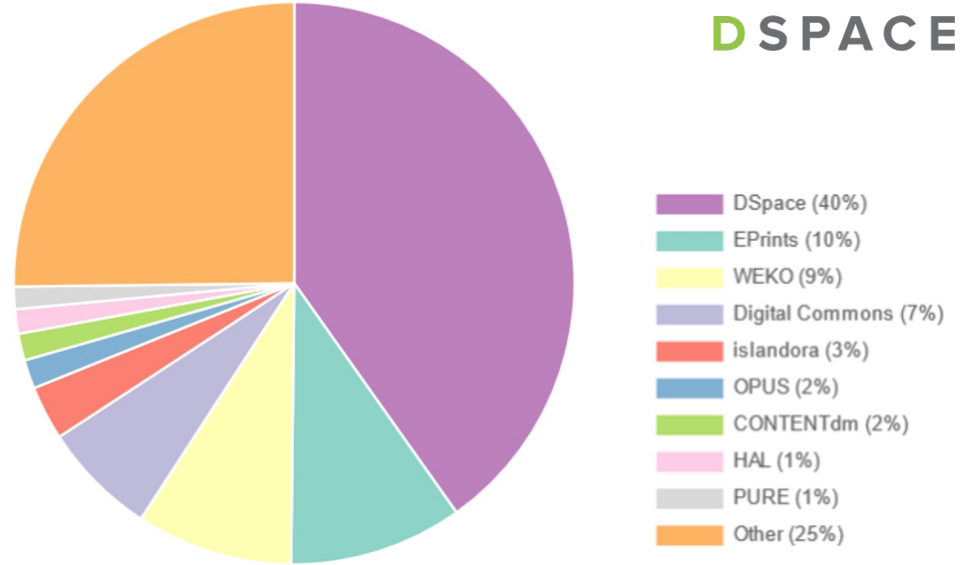
>120 Countries



109 Members



12 Registered Service Providers



The most widely adopted platform for repositories
OpenDOAR Statistics

https://v2.sherpa.ac.uk/view/repository_visualisations/1.html

*Based on self-reporting in the DSpace Registry

DSPACE Community

DSPACE

- ★ Defined Governance
- ★ DSpace Community Advisory Team (DCAT)
- ★ 109 Organizational Members
- ★ 23 National User Groups
- ★ Lyrisis organizational home

- ★ Strategic Partnerships



Looking back: DSpace 7

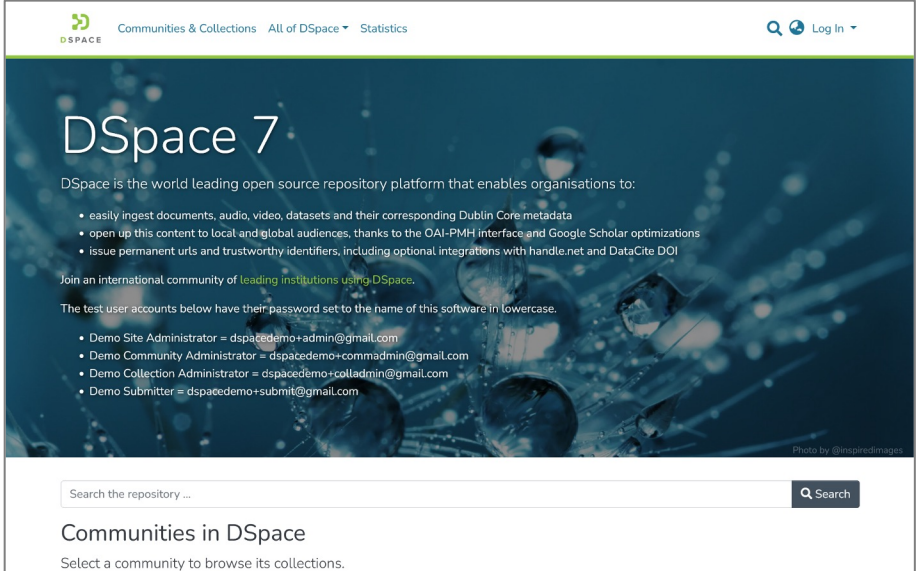
Largest release in DSpace history

- New Angular UI
- REST API

No new feature development for DSpace 7

- *Bug and security fixes only*

Non-standard release schedule



The screenshot shows the DSpace 7 homepage. At the top, there is a navigation bar with the DSpace logo, "Communities & Collections", "All of DSpace", and "Statistics". A search icon and "Log In" link are on the right. The main content area features the title "DSpace 7" and a description: "DSpace is the world leading open source repository platform that enables organisations to:". Below this are three bullet points: "easily ingest documents, audio, video, datasets and their corresponding Dublin Core metadata", "open up this content to local and global audiences, thanks to the OAI-PMH interface and Google Scholar optimizations", and "issue permanent urls and trustworthy identifiers, including optional integrations with handle.net and DataCite DOI". A link "Join an international community of leading institutions using DSpace." is provided. Below that, a note states "The test user accounts below have their password set to the name of this software in lowercase." followed by a list of demo accounts: "Demo Site Administrator = dspacedemo+admin@gmail.com", "Demo Community Administrator = dspacedemo+commadmin@gmail.com", "Demo Collection Administrator = dspacedemo+colladmin@gmail.com", and "Demo Submitter = dspacedemo+submit@gmail.com". At the bottom, there is a search bar with the placeholder "Search the repository ..." and a "Search" button. Below the search bar, it says "Communities in DSpace" and "Select a community to browse its collections." A small photo credit "Photo by @inspiredimages" is visible in the bottom right corner of the main content area.

Looking Ahead: DSpace 8

Release date: Approx. June 17-24

DSpace 8.0 had a **shortened development cycle** and **DSpace Steering established four priorities**

1

Include major features which just missed the 7.x series of releases

FEATURES INCLUDE

- COAR Notify
- OpenAIRE Correction service
- Port "REST-based Quality Control Reports"
- Basic Duplicate Detection in Submission form

2

New features which empower users (focus on the Admin User Interface)

FEATURES INCLUDE

- Request withdrawal or reinstatement of Items
- "Processes" page reorganization
- Edit Item supports authority control lookup & lookup via external sources
- Item Submission forms can be configured for entire Community

3

Any other features which existed in 6.x but missed the 7.x series of releases

FEATURES INCLUDE

- Advanced Search
- Search facets on Homepage / Community / Collection
- Search within Community / Collection

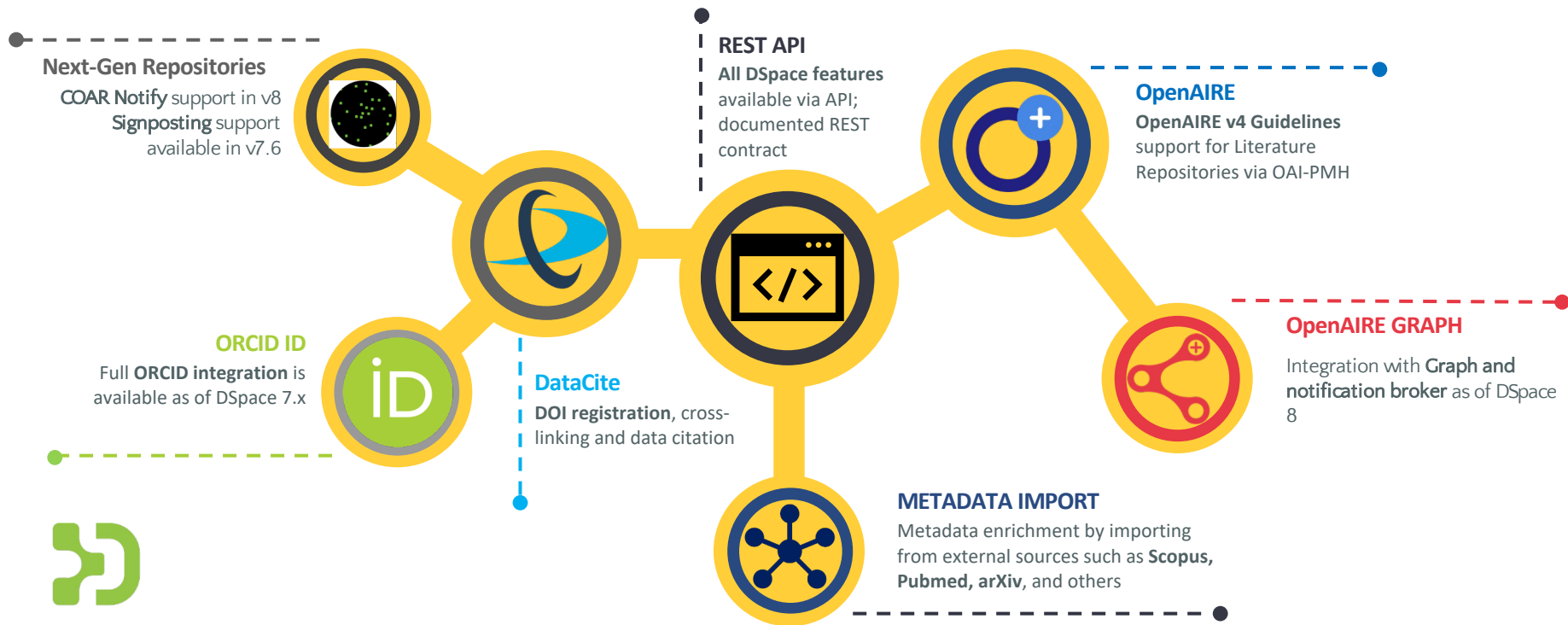
4

Necessary bug fixes, accessibility fixes, performance improvements & dependency upgrades

FEATURES INCLUDE

- Large number of accessibility fixes (header, navbar, search, admin tools, MyDSpace, etc.)
- Accessibility fixes backported to 7.6.2 (due in July/Aug)
- Major dependency upgrades:
 - Backend upgraded to Spring v6
 - Frontend upgraded to Angular 17

Towards an interoperable, standards-based ecosystem



Try out DSpace 8

<https://wiki.lyrasis.org/display/DSPACE/Try+out+DSpace+8>

- ★ DSpace 8 UI demo
<https://sandbox.dspace.org/home>
(uses the REST API demo as backend)
- ★ DSpace 8 REST API demo
<https://sandbox.dspace.org/server/>



DSPACE

Stay up-to-date with DSpace



Want to stay up-to-date with latest development? Join us in Slack:
<https://wiki.lyrasis.org/display/DSPACE/Slack>

Want general updates or have questions? See our Mailing Lists:
<https://wiki.lyrasis.org/display/DSPACE/Mailing+Lists>

Other support options also available (StackOverflow, etc):
<https://wiki.lyrasis.org/display/DSPACE/Support>

Funding & Support



*DSpace is funded / developed / supported
by its community*

- ★ Contribute code
- ★ [Become a member](#)
- ★ Give to the [DSpace Development Fund](#)
- ★ Join [DCAT](#) discussions
- ★ Contribute to “[Learning DSpace](#)” documentation
- ★ Join (or create) your local [DSpace User Group](#)

Thank you to our 109 members!!!

★ <https://www.lyrasis.org/programs/Pages/DSpace.aspx>

EPrints



Rory McNichol (CoSector, University of London)

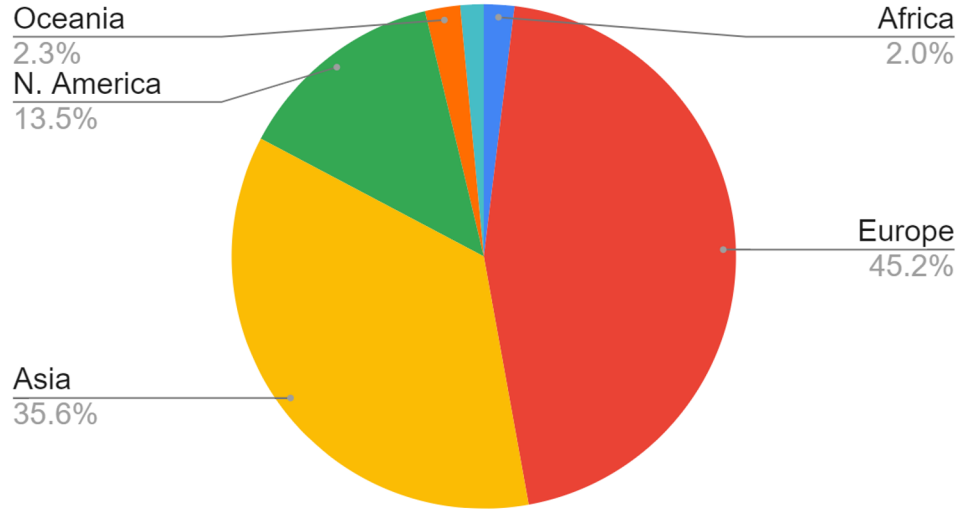
What does EPrints do?

- Open Access Repository - Publications, Datasets, Open Education, Media
- Lightweight, very flexible data model(s)
- Open source, community driven, plugin based architecture
- Rodeo leaders in SEO
- Integration with 3rd party platforms and services
- Trusted solutions for compliance
- Fully customisable appearance and branding

The EPrints Repository Community

- 750+ EPrints repositories in ROAR
- Service providers
 - EPrints Services (Southampton, UK)
 - CoSector (London, UK)
 - Open Journal Theme (Indonesia)
- Many independently run repositories
- Active support community
- Regular software releases

Use of EPrints by Continent





Royal College of Art



International Institute for Applied Systems Analysis
www.iiasa.ac.at

Est. 1841

YORK ST JOHN UNIVERSITY



NOTTINGHAM TRENT UNIVERSITY



University of East Anglia



University of Cumbria



Bournemouth University



Batchelor Institute

UNIVERSITY OF Southampton



MINISTRY OF HEALTH
REPUBLIC OF INDONESIA

OCAD UNIVERSITY

LEIBNIZ-ZENTRUM für Marine Tropenforschung

e-ARTEXTE



National College of Ireland

University of Kent



LSTM
LIVERPOOL SCHOOL OF TROPICAL MEDICINE

OCAD UNIVERSITY

U



ual: university of the arts london



UNIVERSITY OF LINCOLN



THE GLASGOW SCHOOL OF ART



UNIVERSITY OF GLOUCESTERSHIRE



Northumbria University
NEWCASTLE



St George's University of London



Keele UNIVERSITY

Sheffield Hallam University



NOVARTIS



University of Central Lancashire



SOAS
University of London



BATH SPA UNIVERSITY



LONDON METROPOLITAN UNIVERSITY



UNIVERSITY OF WEST LONDON
The Career University



VICTORIA UNIVERSITY
MELBOURNE AUSTRALIA



University of Worcester

LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE



ICOMOS
international council on monuments and sites



ROYAL COLLEGE OF MUSIC
London



Manchester Metropolitan University



LIVERPOOL JOHN MOORES UNIVERSITY



STAFFORDSHIRE UNIVERSITY



UNIVERSITY OF BIRMINGHAM



Queensland Government
Australia

جامعة الشرقية
A' SHARQIYAH UNIVERSITY



University of Suffolk



White Rose
university consortium



Flexible Data Model

Fully customisable data model and workflow which allows the repository to...

- adapt to new data standards
- integrate with new PID infrastructure
- meet compliance requirements



Integrations

Repository standard interfaces allows EPrints to integrate with other parts of the research infrastructure...

- CRISes
- Archiving Platforms
- Other repositories!



HAL
open science



Elements



Discoverability and Presentation of Research

EPrints also ensures that research is discoverable and presented in its best light....

- Optimised content, navigation and record metadata for SEO and Google Scholar
- Signposting to help machines navigate scholarly content
- Visualisations to highlight impact and prestige



Look and Feel

- Fully customisable theming and branding
- Compatible with range of CSS frameworks
- Feeds into institutional web estate staff profile pages
 - Even ones built in WordPress
- New out-of-the-box EPrints themes and templates!

eprints
www.eprints.org

Home About Browse ▾

Publications Repository > Welcome to Publications Repository

WELCOME TO PUBLICATIONS REPOSITORY

Search Journal articles, titles, dates, authors...

Browse Repository

Browse the items in the repository by [year](#), [subject](#), [division](#) or [author](#).

[Browse our Repository](#) →

About this Repository

More information about this site.

[Read About this Repository](#) →

Repository Policies

Policy for use of material in this repository.

[See our Policies](#) →

Latest Additions

Assessment of single rotor expander-compressor device in combined organic Rankine cycle...

Saif Alshammari

Workshop on Large Language Models' Interpretability and Trustworthiness (LLMIT).

Tulika Saha

Extracting Methodology Components from AI Research Papers: A Data-driven Factored...

Madhusudan Ghosh

Should moral bioenhancement be covert? A response to Crutchfield.

Louis Austin-Eames

Learn more about EPrints 3.5 at <https://eprints.org/3.5>

eprints
www.eprints.org

Home About Browse ▾

Publications Repository > Assessment of single rotor expander-com...

Search...

Assessment of single rotor expander-compressor device in combined organic Rankine cycle (ORC) and vapor compression refrigeration cycle (VCR)

Alshammari, Saif (2023) *Assessment of single rotor expander-compressor device in combined organic Rankine cycle (ORC) and vapor compression refrigeration cycle (VCR)*. Energy, 282: 128763. ISSN 0360-5442

The paper investigates the potential of a new single rotor expander-compressor device in a combined Vapor Compression Refrigeration (VCR) cycle and an organic Rankine cycle (ORC).

Assessment of si... 1 / 14 | 87% | [Download] [Print] [Share]

Energy 282 (2023) 128763

Contents lists available at ScienceDirect

Energy

journal homepage: www.elsevier.com/locate/energy

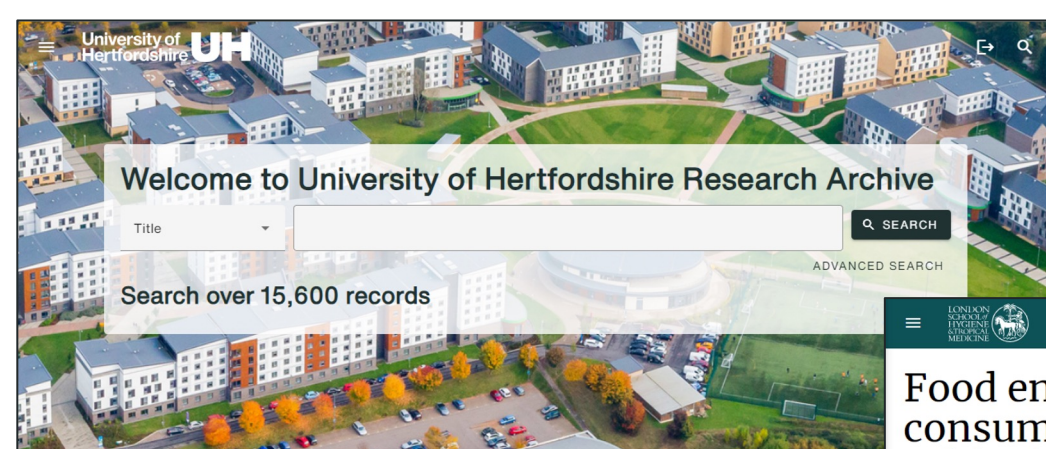
Assessment of single rotor expander-compressor device in combined organic Rankine cycle (ORC) and vapor compression refrigeration cycle (VCR)

Saif Alshammari^{a,b}, Sambhaji T. Kadam^a, Zhibin Yu^{c,*}

Abstract | [Texts](#) | [Information](#) | [Library](#)

An environmental degradation due to consumption of fossil fuel based high grade energy releasing greenhouse gases is a pressing issue around use of low-grade heat from renewable energy sources using organic Rankine cycle is an attractive solution to reduce of emission of greenhouse to protect the environment. This paper investigates the potential of a new single rotor expander-compressor device in a combined Vapor Compression Refrigeration (VCR) cycle and an organic Rankine cycle (ORC). The numerical model of combined ORC-VCR is developed and validated. The performance of combined cycle has been evaluated under the influence of evaporation temperature of ORC (62.75 °C–89.7 °C) and VCR (–20 °C condensation temperature of ORC (20 °C–45 °C) and rotor speed (500–3000 rpm) at a constant hot source (water) temperature of 95 °C. The maximum effect, heat-to-cooling efficiency, and exergy efficiency achieved are found to be 5.38 kW, 56% and 63% when the evaporation temperature of ORC is 62.75 °C and –5 °C, and condensation temperature of ORC is 20.5 °C. Moreover, cooling effect increases linearly with the rotor speed, however, cooling efficiency and exergy efficiency are not affected by the rotor speed.





Welcome to University of Hertfordshire Research Archive

SEARCH

ADVANCED SEARCH

Search over 15,600 records

Latest additions to repository

Studying the late evolution of a radio-loud AGN in a galaxy group with LOFAR. Savini, F. and Bonafede, A. and Brüggem, M. ...

New Hybrid Sensorless Speed of a Non-Salient Pole PMSG Coupled to Wind turbine Using a Modified Switching Algorithm. Mansouri, Mohamed and Hassaine, Said and ...

Testing and numerical analysis of

Browse by...

Explore University of Hertfordshire Research Archive by categories.

- Division
- Author
- Funder

UHRA Services

- About
- Contact Information
- Policies
- Accessibility Information
- Cookies

Food environment around schools and adolescent consumption of unhealthy foods in Addis Ababa, Ethiopia.

Berhane, Hanna Y.; Tadesse, Amare Worku; Noor, Ramadhani; Worku, Alemayehu; Shinde, Sachin; Fawzi, Wafaie; (2023) *Food environment around schools and adolescent consumption of unhealthy foods in Addis Ababa, Ethiopia*. Maternal & Child Nutrition. e13415-. ISSN 1740-8695 DOI: 10.5588/ijtld.10.0721

Adolescent diets may be influenced by the retail food environment around schools. However, international research to examine associations between the proximity of retail food outlets to schools and diet provides equivocal support for an association. This study aims to understand the school food environment and drivers for adolescents' consumption of unhealthy foods in Addis Ababa, Ethiopia. Mixed-methods research was conducted, 1200 adolescents (10-14 years) from randomly selected government schools were surveyed, along with vendors within 5-min' walk of the schools and focus group discussions (FGDs) with adolescent groups. Mixed-effect logistic regression investigated the relationship between the number of vendors around the schools and the consumption of selected unhealthy foods.

Metrics: 7 tweets, 158 readers on Mendeley, 39 total citations, 4 recent citations, 4.65 field citation ratio, 1.02 relative citation ratio.

Item Type: Article

Faculty and Department: Faculty of Epidemiology and Population Health > Dept of Infectious Disease Epidemiology

PubMed ID: 36999963

Elements ID: 200981

Available under Creative Commons: 4.0



RCM RESEARCH ONLINE

A repository of world-leading research from the Royal College of Music



UCA Research Online

The online repository for UCA research outputs

Browse

- Creator
- School
- Research Centre

Research Highlights



VU RESEARCH REPOSITORY

Advanced Search

Multi-Expression Programming (MEP): Water Quality Assessment Using Water Quality Indices

Aldrees, Ali, Khan, Mohsin Ali, Tariq, Muhammad Atiq Ur Rehman, Mohamed, Abdelazim Mustafa, Ng, A. W. M. and Taha, Abubakar Taha Bah'reel (2022) *Multi-Expression Programming (MEP): Water Quality Assessment Using Water Quality Indices*. Water, 14 (6). ISSN 2073-4441

Download

[Epub6070.pdf](#) - Published Version (2M)

[View Item](#)

Available under license: [Creative Commons Attribution](#)

DIMENSIONS BADGE

11 Total citations
11 Recent citations
n/a Field Citation Ratio
n/a Relative Citation Ratio

ALTRIMETIC BADGE

No Altrmetrics are currently available for this publication.

Export

RF²-XML

Additional Information water quality monitoring; electric conductivity (EC); total dissolved solids (TDS); machine learning (ML); non-linear regression modelling (NLRM)

Item type	Article
URI	https://vuir.vu.edu.au/id/eprint/46070
DOI	https://doi.org/10.3390/w14060947

Manchester Metropolitan University e-space
Manchester Metropolitan University's Research Repository

Home About Browse Statistics Help

Showing Manchester Metropolitan University's research

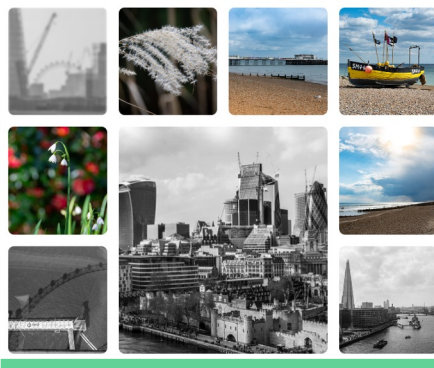
Search Repository

Search Repository

Latest Research

Theses

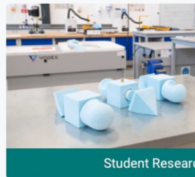
1995 2011 2010 2011



[> Author](#)
[> Academic Areas](#)
[> Research Entities](#)

Our Research Areas

Explore our Research Areas



Welcome to Royal Academy of Music PRESTO Archive

Search Repository

Search the repository using a full range of fields. Use the search field at the top of the page for a quick search.

Browse Repository

Browse the items in the repository by **year**, **subject** or **author**.

Latest Additions



Debussy's Welle roll of La plus que lente.

Howat, Roy



Between and beyond the perforations in Debussy's Welle rolls.

Howat, Roy



An Opera about the 'Progress of Music': Charles Burney, Domenico Corri's The Travellers (1806) and the Macartney...

Lee, Hayoung Heidi



Singing and music making : physiological responses across early to later stages of dementia.

Walker, Nina



"L'art d'évoquer les minutes heureuses"

Klipatrick, Emily

More...



Development of a Video Analysis Scale of Engagement (VASE) for people with Advanced Dementia.

Daniel Lai, L. L.



Co-creativity, well-being and agency : a case study analysis of a co-creative arts group for people with dementia.

Zeilig, Hannah



Co-creativity : possibilities for using the arts with people with a dementia.

Zeilig, Hannah

Current State and Direction of Technical Development

- **3.4.6** - maintenance release
- **3.5** coming soon - reworked user interfaces, slicker browsing and searching, updated out-of-the-box data model, and much more...!
- See more at <https://eprints.org/roadmap>

Ongoing developments...

- OpenAire
- RIOXX 3
- Hidden documents
- Modelling impact stories

Future Work...

- Further Arkivum v6 integration
- Continued ORCID and DataCite development - ensuring reliable and thorough PID integration
- COAR Notify
- RAiDs
- Rules, Compliance & Validation Framework
- Enhanced compliance reporting across a range of framework
- Multi-language support for metadata

Sources of EPrints magic

- **Main codebase:** github.com/eprints
- **User group:** github.com/eprintsug
- **Download:** files.eprints.org
- **Wiki:** wiki.eprints.org
- **Service Providers:**
 - eprints.org
 - cosector.com/platform#eprints-hosting
 - openjournaltheme.com/eprints-repository
- **Demos & Examples:** eprints.org/tryme & eprints.org/examples

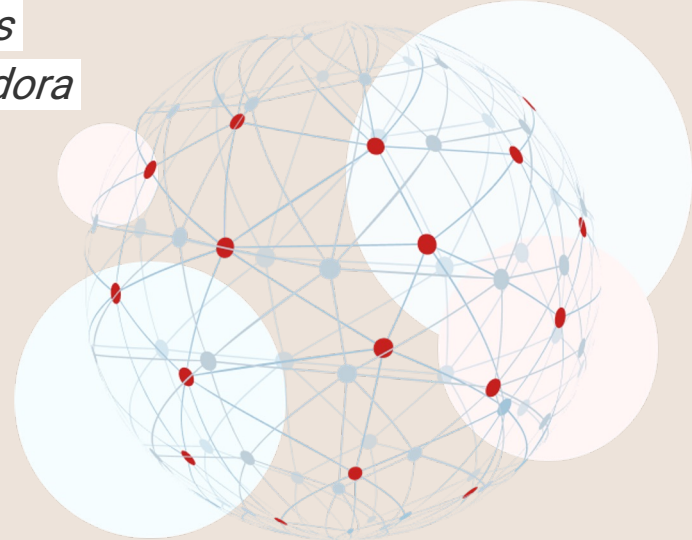


Fedora

What is **Fedora**TM

Flexible, Extensible, Digital Object Repository (FEDORA)

"Fedora is a sustainable open-source repository system underpinning many types of digital libraries and archives. It's designed to store, manage, and preserve digital content. Fedora is particularly well-suited for institutions such as libraries, universities, research centres, and museums that need to preserve and provide access to their digital collections."

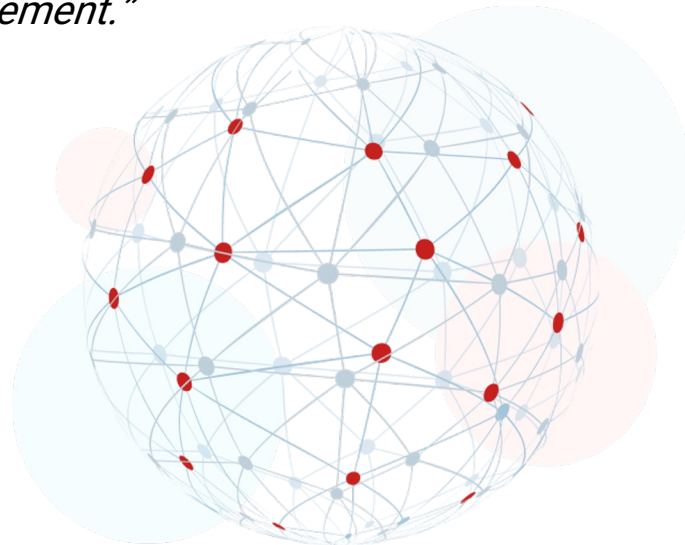


Why **Fedora**TM

Features

- ✔ Built in Preservation Support
 - Oxford Common File Layout (OCFL)
- 📄 Standards-Based Services
- 📁 File Format Flexibility
- 📁 Diverse Storage Options
- 🏗️ Extensible Architecture
- 🔗 Native Linked Data Support

“Fedora has a strong history of support and stability, and a vibrant community of loyal developers, implementers, and end users who work together on continuous improvement.”



Our Community

Celebrating 20+ years since beta release of Fedora v1

Current version: Fedora 6.5.0 (released in Feb 2024)

State of the Community Today:

- ~300+ known installations around the world
- Wide range of institutional types, sizes & use cases
- Active Committer/Tech Team
- Technical and non-technical engagement opportunities
- Return to in-person conferences and events

Fedora users across the globe 389



Features & Benefits of 6.x

Features

- Enhanced digital preservation capabilities
 - Adoption of the Oxford Common File Layout as a persistence layer
- Extensive migration tooling & documentation thanks to an IMLS Grant
- Built-in simple search
- Real-time performance monitoring
 - Via Grafana & Prometheus integrations
- Metrics Collecting

Benefits

- Enhanced digital preservation & support
- Improved performance & scale
- Easier and fewer migrations

Fedora™

Meet the Team

Fedora Program Team

Arran Griffith

- Program Manager

Dan Field

- Fedora Developer (PT)

Fedora Governance Group

Elected representatives from
Fedora member institutions,
plus 2 community
representatives

Active Committers/Tech Team

Ben Pennell (*UNC Chapel Hill*)

Jared Whiklo (*UManitoba*)

Demian Katz (*Villanova*)

Doron Shalvi (*NLM*)

Calvin Xu (*NLM*)

Thomas Bernhart (*DocuTeam*)

James Alexander

(*The Open University, UK*)

→ Your name here...

Users on Fedora 6.x

Currently Using Fedora 6.x

- Acadia University
- Berklee College
- Berlin State Library
- Bodleian Libraries, Oxford University
- Cambridge University
- DocuTeam Clients
- Institute of Archaeology of the CAS Prague
- Ludwig-Maximilians-Universität München
- Saxon Academy of Science and Humanities
- Slovenian Public Archival Service
- The Ohio State University
- The University of California, Davis
- University of Las Vegas Nevada

- University of Texas at Austin
- Vassar College
- Villanova University
- Whitman College

Migrating to Fedora 6.x

- Emory University
- Érudit
- Lehigh University
- Texas A&M University
- The Open University, UK
- The National Library of Wales
- The National Library of Medicine

Year in Review

Virtual Fedora Showcase (Sept 2023)



- Over 100 registrants over the 3 days of programming
- Sparked engagement opportunities for User Groups
- Great learning and networking opportunity

User Group Gatherings

- Open Repositories (EU/UK Users)
- Texas Conference on Digital Libraries

Fedora Technology Survey (Dec 2023 - March 2024)



- Polled the community about how to prioritize efforts in the next 18-24 months

Fedora Roadmap

- Built based on results of Tech Survey and with input from Tech/Committer Teams

Cross Community Involvement

- Hyrax Fedora 6 User Group
- Islandora LAC-GLAM Group
- OCFL-java Implementers Group

Projects on the Go

Fedora 6.x Performance Testing

- Collaboration with Texas Advanced Computing Center at the University of Texas at Austin
- Understanding performance impacts in an HPC environment

Dependency Updates

- Outdated dependencies within fcrepo core that will require updating

Documentation Upgrades

- Re-organizing current documentation to make navigation, search and accessibility more simplified

Fedora™ Community Roadmap

Program Priorities and Focus Areas

ON-GOING EFFORTS

- Migration Support - Bringing all users to Fedora 6.x
- Hyrax Fedora 6 Working Group - Investigating pathways to Fedora 6.x for Samvera repository platform users.



FEDORA 6.X PERFORMANCE IMPROVEMENTS

In partnership with Texas Advanced Computing Center

- Establish performance benchmarking framework for on-going performance testing and improvements
- Optimizations/bug fixes identified through testing
- Recommendations on infrastructure, architecture and hardware to optimize performance in High Performance Computing (HPC) environment
- Performance infrastructure and baseline benchmarks for common use cases
- Accurate performance and cost metrics on speed and scalability of Fedora 6.x



CRITICAL SECURITY AND STABILITY UPDATES

Security and stability improvements will be addressed for the following:

- Spring
- Java
- Velocity
- Postgres
- ActiveMQ
- Jetty



DOCUMENTATION UPDATES & IMPROVEMENTS

LEARN MORE AT: [HTTPS://BIT.LY/43ZKMOU](https://bit.ly/43zkmoU)

Resources

Fedora Website: <https://fedora.lyrasis.org/> (getting a facelift in the coming months)

Fedora Wiki: <https://wiki.lyrasis.org/display/FF/Fedora+Repository+Home>

- Fedora Community Roadmap: <https://wiki.lyrasis.org/display/FF/Fedora+Community+Roadmap>

Fedora YouTube Channel: https://www.youtube.com/channel/UCE_wcxwIQCvVZkbKtC0ej3g

Download Fedora 6.x: <https://github.com/fcrepo/fcrepo>

- Fcrepo Extras (migration tooling, camel toolbox etc): <https://github.com/fcrepo-exts>

Fedora Slack

- Recommended channels - #General, #Tech, #Migration
- Join here: <https://forms.gle/MjgCvNch7eaRoXRb8>

Consider becoming a Fedora Member

Your contribution allows us to continue development efforts and to support our global community.

InvenioRDM

INVENIO RDM

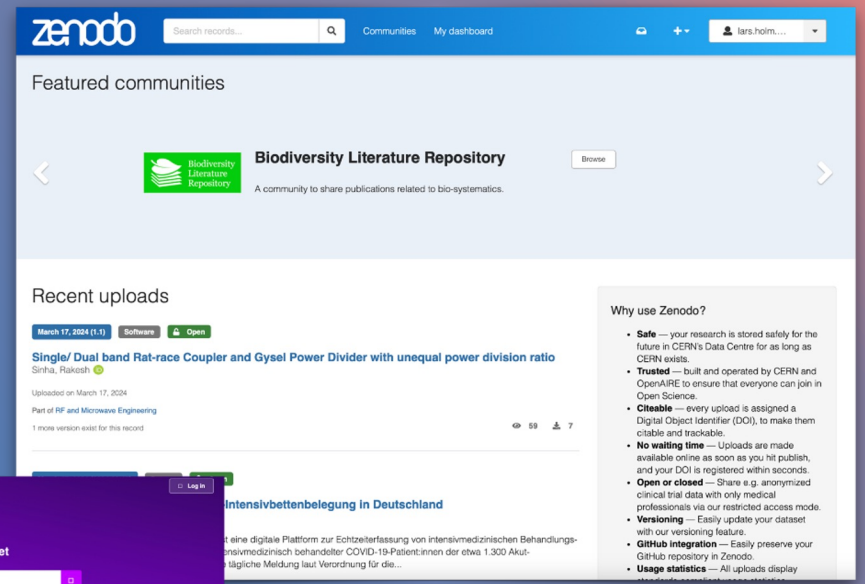
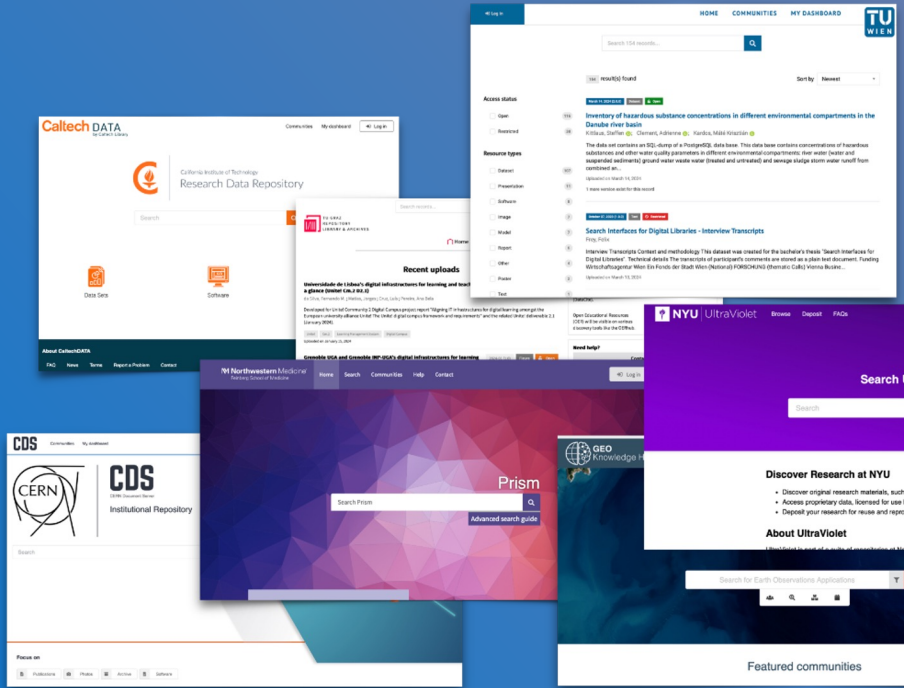
Alex Ioannidis, CERN
Open Repositories 2024

How it started...

- Build an open-source turn-key research data management (**RDM**) platform based on Zenodo and Invenio v3.
- Build a **community** of research institutions and private companies to grow and sustain the platform going forward.



...how it's going



GitHub Repositories (updated 5 months ago) Sync now

Get started

- 1 Flip the switch
- 2 Create a release
- 3 Get the badge

Select the repository you want to preserve, and toggle the switch below to turn on automatic preservation of your software.

Go to GitHub and create a release [🔗](#). Zenodo will automatically download a .zip-ball of each new release and register a DOI.

After your first release, a DOI badge that you can include in GitHub README will appear next to your repository below.

ON (example) OFF (example)

DOI [10.5281/zenodo.8475](https://doi.org/10.5281/zenodo.8475) (example)

Export

- JSON
- JSON-LD
- CSL
- DataCite JSON
- DataCite XML
- Dublin Core XML
- MARCXML
- BibTeX
- GeoJSON
- DCAT
- Codemeta
- Citation File Format

10995739-figure.png



v12.0 Release Candidate



Moderation

Open Closed [Search] [Filter] Newest

User	Email	Email domain	Activity	Status	Actions
Y	[Redacted]	@qq.com	Records	⚠	✓ Approve 🚫 Block
S	[Redacted]	@gmail.com	Records	⚠	✓ Approve 🚫 Block
B	[Redacted]	@catalyst.coop	Records	⚠	✓ Approve 🚫 Block
R	[Redacted]	@outlook.com	Records	⚠	✓ Approve 🚫 Block
D	[Redacted]	@qq.com	Records	⚠	✓ Approve 🚫 Block

Share access

People 1 Groups 0 Links 0 Settings

[+ Add people](#)

Access Owner

No user has access to this record yet.

Collaboration. Made easy.

Submit for review

⚠ Before requesting review, please read and check the following:

- The 'HORIZON-ZEN' curators will have access to view and edit your upload's metadata and files.
- If your upload is accepted by the community curators, it will be immediately published. Before that, you will still be able to modify metadata and files of this upload.

Message to curators (optional)

Dear curators,
Could you check the license and keywords I've used? Also, could you fill in the correct award number?

Cancel

Q Search Requests Members Curation policy About

← Back to requests ✓ Accept and publish ✗ Decline

First on-line application of the high-resolution spectroscopy laser in source

Clinton, Beau

Conversation Record

Creator
 Beau Clinton

Receiver
 European Commission

Beau Clinton commented 7 minutes ago
I have worked on this paper and I would like to include it in your community. Thanks.

Edna Garner commented 5 minutes ago
Yes, can you please correct the licence of the record?

Optimal design of damping composite lamination

✓ Accept and publish ✗ Decline ✗ Cancel

Conversation Record ✓ Checks

Jose Benito Gonzalez Lopez wants to publish 1 record in EU Open Research Repository

Jose Benito Gonzalez Lopez commented 2 days ago
I'm a professor, please publish my data.
/Jose

Lars Holm Nielsen commented 2 days ago
Could you please provide more information about X, Y and Z.

Jose Benito Gonzalez Lopez edited the record 1 day ago

Reviews

- Data stewards reviewer
 David Eckhard ✓
- Community reviewer (optional)
 Lars Holm Nielsen ✓
- Director (required)
Request approval

Assignees

- Lars Holm Nielsen
- Viggo Hansen

Labels
Missing grant

Expires
In 60 days

Checks

- ✓ All checks passed
- ✓ Metadata checks double-click to edit Details
- ⚠ Required approvals Missing approval from Director Details
- ✓ File format checks Run again Details

Profile

Privileges

Review policy

Curation checks

Pages

Metadata curation checks

All submissions to the community will have the following checks applied.

- Require grant from funder: European Commission**
All submissions in EU Open Research Repository must be stemming
- Require open access for journal articles**
All articles funded by the European Commission must be open access.

+ Add check

Apps

Apps are third-party applications which can be used to validate and curate the data.

- File format checker**
Evaluate FAIR metric upon submission.
- Funding LLM checker**
All articles funded by the European Commission must be open access.

+ Add application

What's next?

InvenioRDM 2024 IG and TG Project Management Dashboard

Full Dashboard | Communications IG | Documentation IG | Events IG | Short-Term Tasks | Medium-Term Tasks

Filter by keyword or by field

Title	Assignee	Status	Labels
1 Manage InvenioRDM blog #77	IT	In Progress	Comms IG Ongoing
2 Set up blog RSS feed #78	IT	Todo	Comms IG Short-term
3 Look into assigning DOIs for blog posts #79	IT	Todo	Comms IG Short-term
4 Create InvenioRDM boilerplate for footer of all commu... #80	S.	Todo	Comms IG Short-term
5 Host an InvenioRDM Events calendar #81	S.	Todo	Comms IG Events IG Short-term
6 Host searchable knowledgebase holding all InvenioRD... #82	S.	Todo	Comms IG Documentation IG Medium-term
7 Provide examples of knowledgebases from other soft... #83		In Progress	Comms IG Short-term
8 Establish KPIs to measure impact of communications ... #84	n	Todo	Comms IG Short-term
9 Update InvenioRDM's Governance page #85	n	In Progress	Documentation IG Short-term
10 Review and asses inveniosoftware.org for updates #86	S.	Todo	Documentation IG Medium-term
11 Create basic user guides for end-users #87	p	Todo	Documentation IG Long-term
12 Review how the InvenioRDM documentation is organiz... #88		Todo	Documentation IG Long-term
13 Bring Documentation IG examples of good documenta... #89		In Progress	Documentation IG Short-term
14 Prototype documentation reorganization #90		Todo	Documentation IG Short-term

- ### Discussions
- Read-only mode**
ntarocco started on Mar 20 in Ideas
 - File Linking API**
tmorrell started on Mar 19 in Ideas
 - Multipart upload of large files**
mesemus started on Mar 19 in Ideas
 - Identify InvenioRDM via HTML meta tag**
ntarocco started on Mar 20 in Ideas
 - DataCite 4.4 new fields for publications and conferences**
fenekku started on Aug 13, 2021 in Ideas
 - Notifications: Send notification prior to embargo lifting**
Inielisen started on Feb 9, 2022 in Ideas
 - System administrator documentation**
Size: M New
Inielisen started on Oct 5, 2020 in Ideas
 - Administration panel for groups/roles management**
ntarocco started on Apr 2 in Ideas

- Planned** 3
 - product-rdm #191
Collections
 - product-rdm #189
Automated curation checks / Request checks
 - product-rdm #190
Third-party applications via webhooks
- Near-term** 2
 - product-rdm #188
Community metrics page (MVP)
 - product-rdm #183
Require a community when uploading
- Current** 6
 - product-rdm #194
Release InvenioRDM v12
 - product-rdm #198
Grant access to restricted records by users/groups
 - product-rdm #196
TransferType refactor
- Completed** 3
 - product-rdm #178
Handling DOIs for restricted records
 - product-rdm #192
Improve OAI-PMH performance
 - product-rdm #185
Zoomable image previewer (IIIF) with caching of titled images

What's next?

zenodo



INVENIO RDM

The screenshot shows the CDS Institutional Repository website. At the top, there is a navigation bar with 'CDS', 'Communities', 'My dashboard', and a 'Log In' button. Below the navigation bar is a large header area with the CERN logo and 'CDS CERN Document Server Institutional Repository' text. A search bar is prominently displayed. The main content area is titled 'Focus on' and includes a horizontal menu with 'Publications', 'Photos', 'Archive', and 'Software'. Below this is a 'Browse' section with several categories: 'Articles and pre-prints', 'Books & proceedings', 'Lectures & events', 'Multimedia & Outreach', and 'International Collaborations'. On the right side, there are sections for 'CERN Departments', 'CERN Series', 'CERN Accelerators', 'CERN Experiments', and 'CERN R&D Projects'. The background of the header features a stylized particle detector visualization.

How do we achieve that?



InvenioRDM Workshop 2024 @ Münster

Join InvenioRDM!

 Website - Governance - Collaboration

<https://inveniosoftware.org>



Documentation

<https://inveniordm.docs.cern.ch>



Try it out!

<https://inveniordm.web.cern.ch>



Chat with us on Discord

<https://discord.gg/8qatqBC>



Islandora

islandora

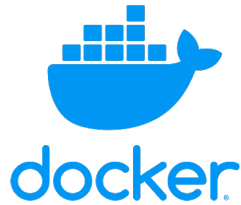
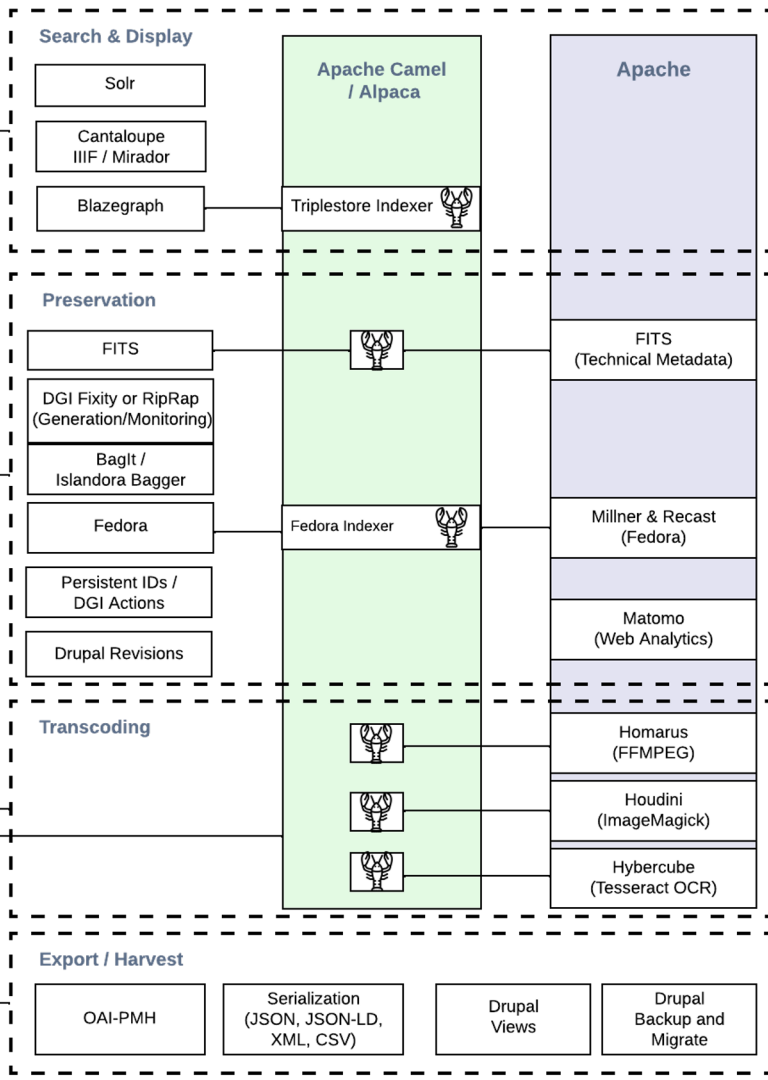
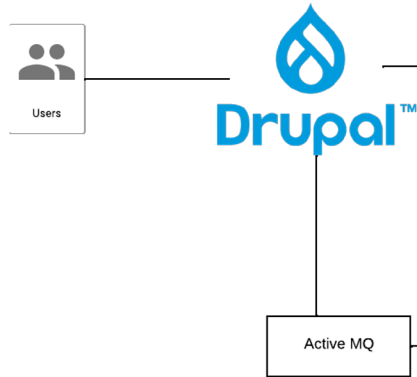
Open-source, Digital Asset Management

Collaboratively author, manage, discover, and steward digital collections across data types and knowledge domains.



<https://www.islandora.ca/>

Modern Islandora



Content Modeling and Serialization

- Leveraging Drupal's native capabilities for structured data (nodes, fields, taxonomies, and media)
- Model any metadata standard and the Starter Site comes configured with a rich collection metadata fields and taxonomies.
- Serialize your data in multiple formats including XML (eg. MODS, DC), JSON, JSON-LD, and CSV.

Administrative/System Fields ¶

Title	
The name given to the resource. Title is a system field and as such its configurations can not be adjusted. It is the only field that is required by the system.	
Machine Name	title
Drupal Field Type	Text (plain)
Required	yes
Maximum Length	255 (<i>character length is set by system but can be changed with a contrib module, see below</i>)
Repeatable	no
CSL Citation Mapping	title
RDF Mapping	dcterms:title
XPath MODS	mods/titleInfo/title
Transformation	To create a single string out of the subelements of <titleInfo>, we suggest to use the <titleInfo> section of the LOC MODS-DC transform https://www.loc.gov/standards/mods/v3/MODS3-5_DC_XSLT1-0.xsl . In words, it says to: <ul style="list-style-type: none">• Take the value of <nonSort>• If there was a <nonSort>, add a space

The Starter Site “[Data Dictionary](#)” describes the default metadata configuration for repository items.

All fields ▾ students

Start Over

Sort by Random ▾

10 items per page ▾

« Previous | 1 - 10 of 920 | Next »

Limit your search

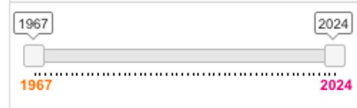
Format ▾

Article	284
Conference Proceeding	283
Image	115
Text	75
Yearbook	56

[Show more](#)

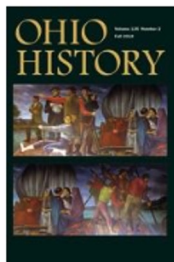
Year ▾

1967



Collection >

Author >



Ohio History Fall 2018

OHIO HISTORY

Contents for Volume 125, Number 2, Fall 2018

- Contributors 4
- Editor's Note 5

- Pioneers and Land on the Ohio Frontier
 - *Mansel G. Blackford* 7
- Forgotten Frontiersman of the Ohio Valley: Simon Kenton's Early Years

+ Read More

Author: [Mansel G. Blackford](#) [Arthur Andrew Savery](#)
[Samuel R. Phillips](#) [David Simonelli](#)
[Charles Lester](#) [Michael A. Beverly](#)
[Steven High](#) [Robert Colby](#) [Kevin F. Kern](#)

Format: [Text](#)



Ohio History Spring 2021

OHIO HISTORY

Keyword is

+

-

and Keyword is

+

-



Genre

- [photographs \(15\)](#)

Date Created

From To

Geographic Subject

- [Scarborough \(15\)](#)

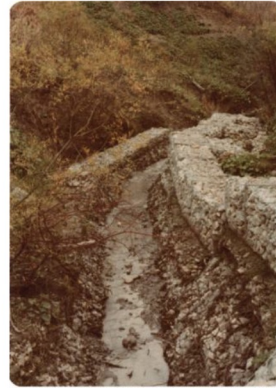
Doris Collection

Displaying 1 - 15 of 15

Results per page



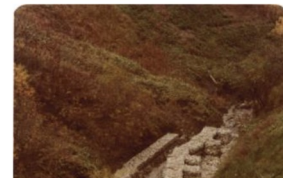
Scarborough Bluffs at Bellamy Ravine



Scarborough Bluffs at Bellamy Ravine



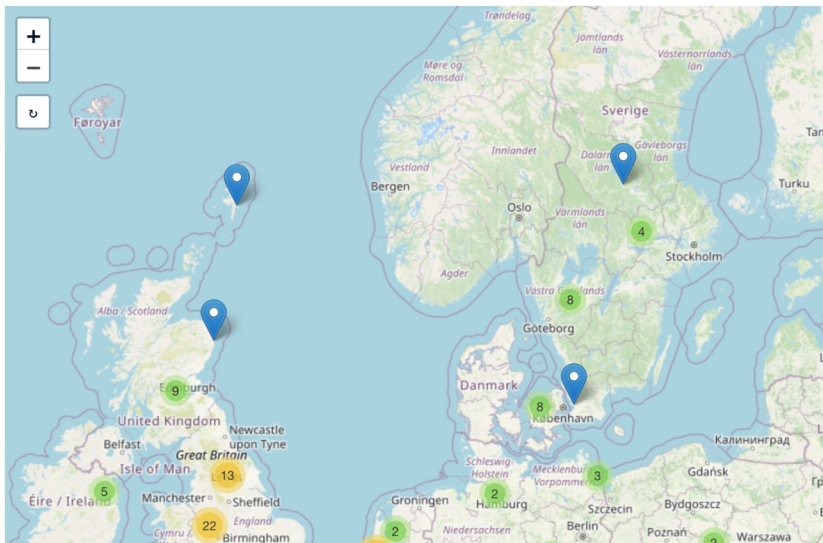
Scarborough Bluffs at Bellamy Ravine



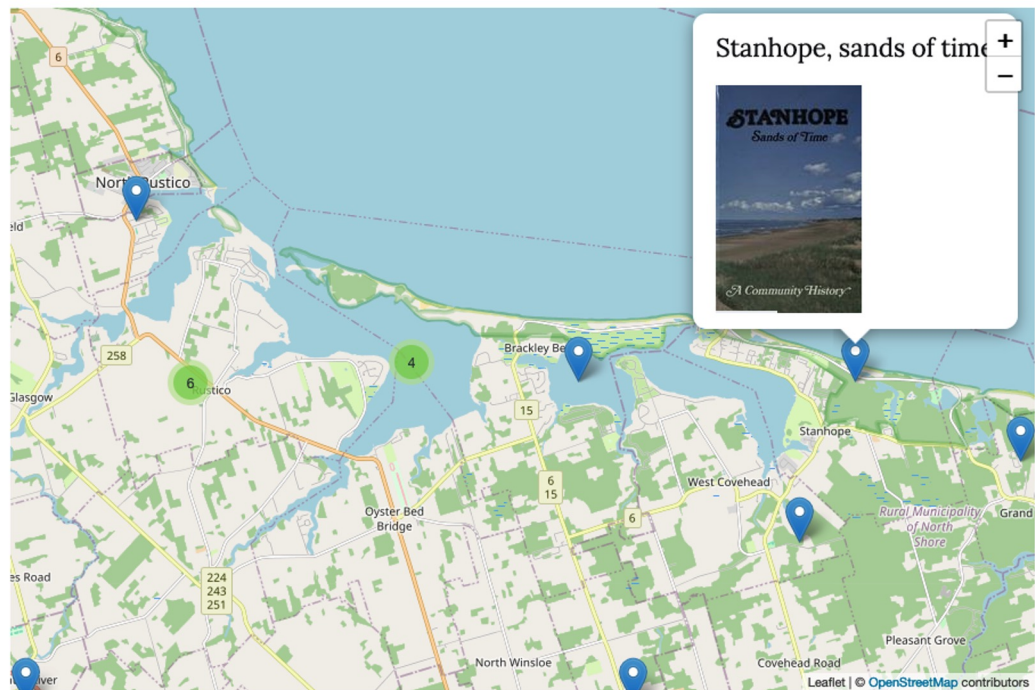
[Home](#) / Browse Menus by Geographical Location

Browse Menus by Geographical Location

Use this map to browse menus by geographical location. Note that not all menus will have complete geographic information, meaning this may not fully represent the collection. Please provide any feedback to dsu.utsc@utoronto.ca.



IslandLives Map

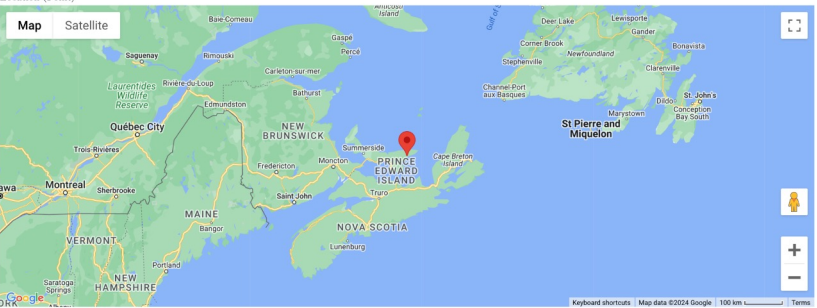


Cypripedium calceolus - Bay Fortune

[Image](#)
[Location](#)
[Taxonomy](#)
[Metadata](#)

Location (Point)

[Map](#)
[Satellite](#)



[Continent](#)
[North America](#)
[Country](#)
[Canada](#)
[State Province](#)
[Prince Edward Island](#)
[Municipality](#)
 Bay Fortune[Force-Directed Graph with Links to Internal Search][Force-Directed Graph with Links to External Source Data]
 Latitude
 46.330716
 Longitude
 -62.354135

[Home](#) > [Smith College Special Collections](#) > [Sophia Smith Collection of Women's History](#) > [YWCA of the U.S.A. microfilm records](#)
 > [Outside organizations: Social work, 1912-1941](#)

Outside organizations: Social work, 1912-1941



[Full View](#)
[Pages](#)

+ Outside organizations: Social work, 1912-1941

Search [clear](#)

search terms
 nature

4 Page 121

such towns and cities were either equipped or interested to carry
 the girls of America as were the local Young Women's Christian Asso-
 ciations, bound together by their national affiliation. The
 burden of counsel and direction became too great for
 the New York City Travelers Aid Society to carry; the need of na-
 tional Travelers Aid unity is inherent in the nature of the service;
 therefore, in 1914 was organized a National Cooperation that devel-
 oped in 1917 into the National Board of Travelers Aid Societies.
 For several years this was housed in the building of the New York
 ... but the confusion to the public mind and the

U of T Scarborough Library Digital Collections

[Home](#)

Housing CSV for Scarborough 2016

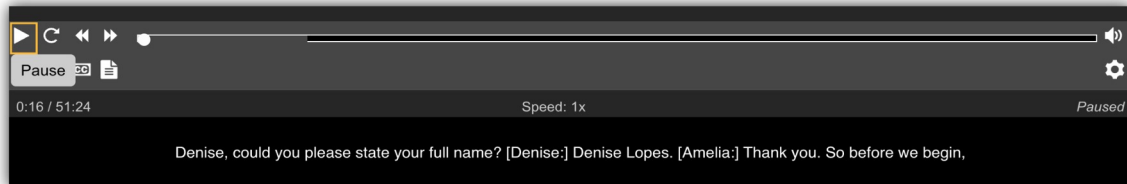


Media Display

GEO_UID	CMA_code	CMA_name	Census_Tract_name	Occupied_private
5350000.0	535	Toronto	0.0	2135910
5350001.0	535	Toronto	1.0	250
5350002.0	535	Toronto	2.0	270
5350003.0	535	Toronto	3.0	260
5350004.0	535	Toronto	4.0	3455
5350005.0	535	Toronto	5.0	3420

[Home](#) / ... / [Stories of UTSC](#)

Interview with Denise Lopes

0:16 / 51:24 Speed: 1x Paused

Denise, could you please state your full name? [Denise:] Denise Lopes. [Amelia:] Thank you. So before we begin,

 Auto scroll

[0:01] [Amelia:] Okay, perfect. My name is Amelia Ainsworth and I'm interviewing Denise Lopes

[0:06] for the University of Toronto Scarborough History Project. Today is January 25, 2022 and we are virtually conducting this interview over Zoom.

[0:15] Denise, could you please state your full name? [Denise:] Denise Lopes.
[Amelia:] Thank you. So before we begin,

[0:20] I just need to confirm permission for the interview. Denise, do you consent to being interviewed? [Denise:] Yes.

[0:26] [Amelia:] Thank you. Do you consent to have the interview recorded?
[Denise:] Yes.

Multilingual Support

அறட்டாளம்எண்Uti	61220/utsc8187
Identifier	61220/utsc8187
Local Identifier	8-2.27
Member of	S. J. V. Chelvanayakam Collection
Description	Series 2. Professional material, Subseries 1. Professional files - 8-2 [ITAK branches - Upcountry]
Date Created	1964-01-21
Language	Tamil
Genre	letters
Resource Type	text
Extent	1 item
Related Archival Item	Series 2. Professional material, Subseries 1. Professional files - 8-2 [ITAK branches - Upcountry]
Rights	Digital content found in the UTSC Library's Digital Collections are meant for research and private study used in compliance with copyright legislation. Access to digital, and the technical capacity to download or copy it, does not imply permission to re-use. Prior written permission to publish, or otherwise use content, must be obtained from the copyright holder. Please contact the UTSC Library for further information.

MUNI ARTS Digitalia
Digital Library
of the Faculty of Arts,
Masaryk University

Home Collections Browse Search About Help Contact Digitalia

Home > Spisy Filozofické fakulty Masarykovy univerzity v Brně > Jednota bratrská a vyšší vzdělání až do doby Blahoslavovy : příspěvek k 400. výročí narozenin Blahoslavových

Jednota bratrská a vyšší vzdělání : příspěvek k 400. výročí narozenin Blahoslavových

Search in this title

Author: [Urbánek, Rudolf](#)
Place of publication: V Brně
Publisher: Filozofická fakulta
Year of publication: 1923
Extent: 56 s.
Series: Spisy Filozofické fakulty Masarykovy univerzity v Brně = Opera Facultatis philosophicae Universitatis Masarykianae Brunensis; č. 1

Stable URL (handle): <https://hdl.handle.net/11222.digilib/103836>
Language: Czech
Link to MU library catalogue: [284495](#)





Recent Community Projects

Starter Site

- Ready-to-customize Drupal site that shows off Islandora's features, hooked to module versions.
- Can be deployed using the Islandora Playbook, ISLE-DC, or ISLE Site Template.
- Available with demo content at <https://sandbox.islandora.ca/>

Islandora Workbench

- A command-line tool that allows creation, updating, and deletion of Islandora content from CSV data.
- Doesn't have to run on the Islandora server
- https://github.com/mjordan/islandora_workbench
- [Documentation](#)



Recent Community Achievements

Download & Extend

[Drupal Core](#) [Distributions](#) [Modules](#) [Themes](#) [General projects](#)

Islandora

[View](#) [Version control](#)

Islandora is an open-source digital asset management framework designed to help institutions and organizations and their audiences collaboratively manage and discover digital assets using a best-practices framework. Islandora was originally developed by the University of Prince Edward Island's Robertson Library, but is now implemented and contributed to by an ever-growing international community.

This module contains the core functionality for Islandora, and contains several submodules that support converting files of various types (images, audio, video, pdfs, etc...). Islandora integrates with various open-source services, which can be run in a distributed environment.

Development for this module is done on [Github.com](#) so please contribute PRs there rather than MRs here.

To get a starter site that includes Islandora along with its external-to-Drupal ecosystem, visit our [Download page](#).



Related Modules

These modules are used in the Islandora Ecosystem. This list is a combination of Islandora Foundation sponsored and stewarded tools, and popular third-party contributed modules often used by Islandora users.

Citation Features

- **Citation Select:** Adds a block that allows users to select and view citations of a node object from a list of citation styles.
- **Islandora CSL:** This Drupal module creates a pseudo field field_islandora_csl on a node of type islandora_object

Media

- **Advanced Queue Runner:** This module provides a way to run Advanced Queue Runner as daemon without manually using a Drush command or running a cron job.
- **Media Thumbnails Jp2:** This module uses the Media Thumbnails framework to generate entity thumbnails for jp2 files.
- **Media Thumbnails TIFF:** This module uses the Media Thumbnails framework to generate entity thumbnails for tiff files.

Viewers

- **Islandora Mirador:** a Drupal module that wraps around the Mirador viewer.
- **OpenSeadragon:** Provides a field formatter to display images using the OpenSeadragon viewer, which is compatible with a IIIF server such as Cantaloupe.
- **List Archive Contents Field Formatter:** Field formatter for archive files to display contents as a list.

Project information

Module categories: [Content Editing Experience](#), [Integrations](#), [Media](#)

Ecosystem: [Islandora](#)

[122 sites report using this module](#)

Created by [kirsta](#) on 21 September 2012, updated 2 May 2024

[Drupal 10 is here!](#)

The Islandora module is Drupal 10 compatible as of the 2.8.2 release.



Stable releases for this project are covered by the [security advisory policy](#). Look for the shield icon below.

Releases

2.12.0 released 1 May 2024

Works with Drupal: [^9](#) || [^10](#)

✓ Recommended by the project's maintainer.

hOCR feature added to IIIF Views plugin. Also various bug fixes and CI test improvements

Install: `composer require 'drupal/islandora:^2.12'`



<https://www.drupal.org/project/islandora>

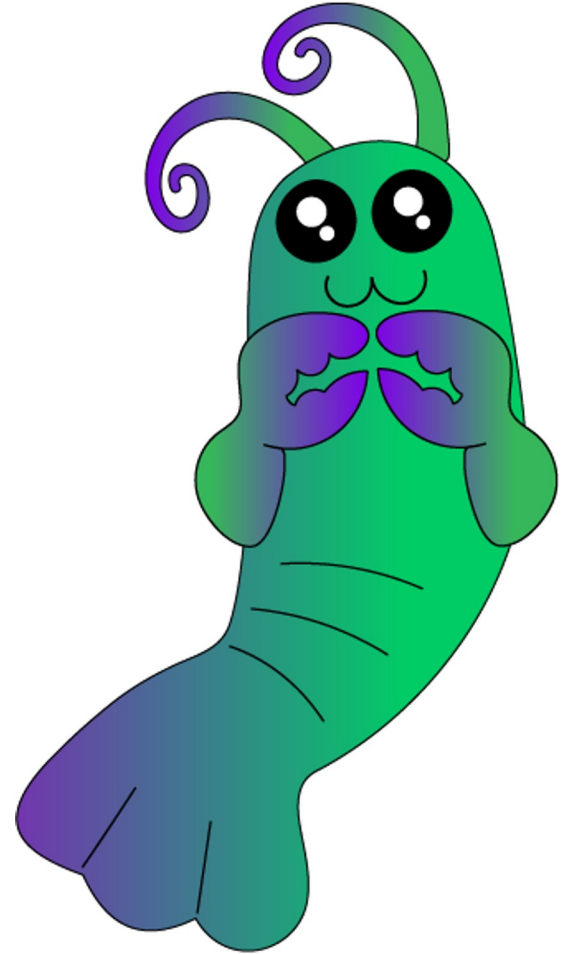
Community Channels

- Multi-channel Slack
- Google Group
- Weekly open tech call/Monthly open meetings
- Community Wiki
- Islandora GitHub organizations
- Learn more on islandora.ca



Stay tuned...

- Monthly Open Meetings
- Islandora Camp Fall 2024
- IslandoraCon 2025





Thank you!

Visit Us At: www.islandora.ca

Ask questions on Google Groups, in Slack, or email us at community@islandora.ca

Samvera

Samvera Community & Technologies

Open Repositories 2024

This work is licensed under CC BY-SA
4.0. (This work is licensed under CC BY-SA
4.0.)



Samvera is a Community



Samvera is for collaboration

We're growing open technologies, together

Building what we need

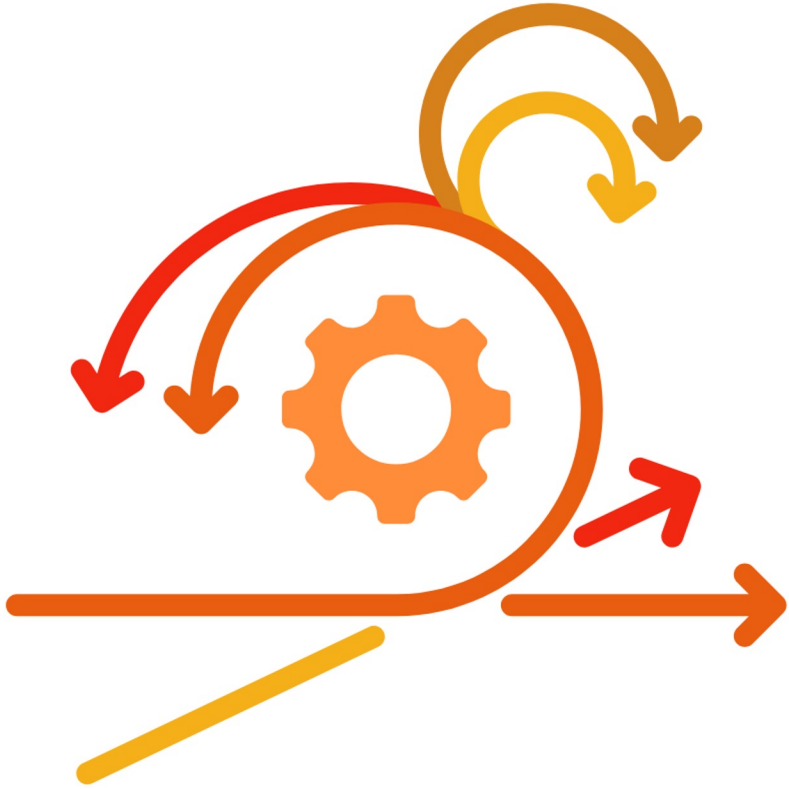
The community uses and maintains multiple repository components, stacks and solutions



One Community, Many Repositories

Digital Collections
Research Data Management
Theses & Dissertations
Media Collections
Self Hosted
Vendor Hosted
Consortium Hosted





Flexible and Customizable

- Large Universities
- Small Colleges
- Consortia
- Governmental Agencies
- Small Research Labs
- National Digital Repositories
- Statewide Digital Libraries



avalon
MEDIA SYSTEM



Hyrax



hyku

Serverless IIF



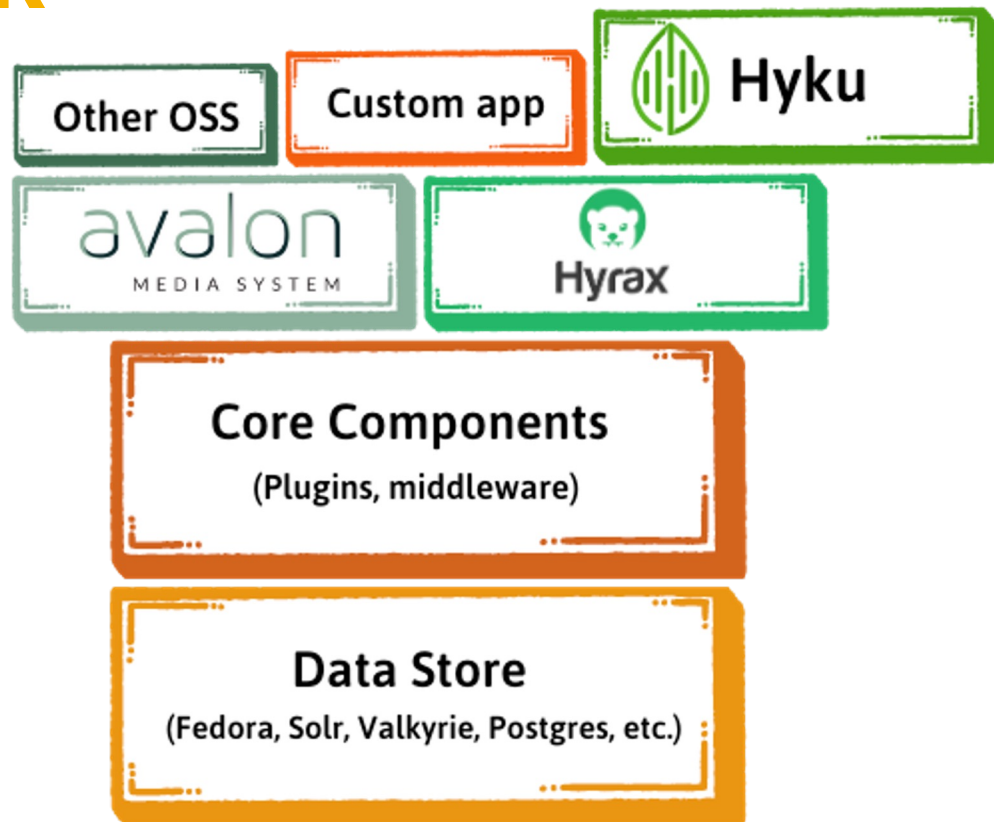
samvera
core components

Valkyrie



Clover IIF

The Stack



MEDIA MANAGEMENT FOR TEACHING, LEARNING AND RESEARCH

Avalon Media System is a free, open source software system for managing and providing access to large collections of digital audio and video.

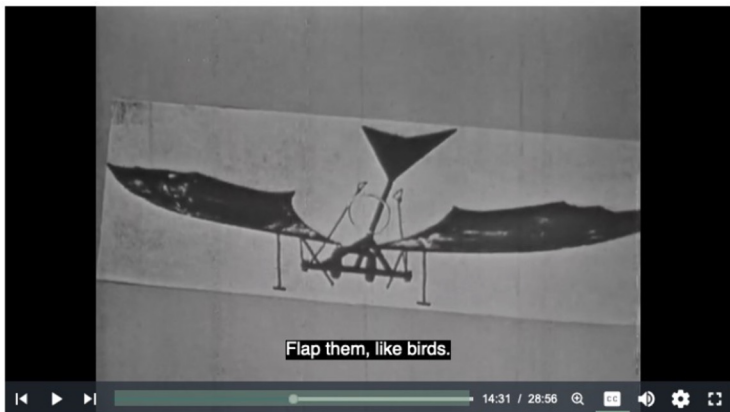
Documentation

View on GitHub →

The screenshot displays the Avalon Media System web interface. At the top, the 'avalon MEDIA SYSTEM' logo is on the left, and a search bar labeled 'Search this site' is on the right. Below the logo, there are navigation links for 'Browse' and 'Collections'. The main content area features a video player with a video titled 'Symphony no. 3' by Ryan Stearns. The video player includes a progress bar and playback controls. To the right of the video player is a metadata sidebar with the following information:

- Title:** 1988_C01001010_19880701110854-416
- Date:** 1988-07-01 11:08:54 -0400
- Media Core Entry:** Music, Classical, 1988 MP3
- Summary:** Recorded Jan. 11-16, 1985, at the Musical Arts Center, Birmingham, Ala. Complete disc. Program notes and biographical notes by David Pevlet, and text of the libretto by accented in German with English translation (PDF) in French in container.
- Contributors:** Pflug, Lisa van der, Jost, Agathe 1948, Indiana University, Philadelphia Orchestra, Indiana University, Indiana University, Indiana University, Children's Choir
- Publisher:** Indiana University School of Music
- Subject:** Symphonies
- Collection:** Sample Collection
- Unit:** University Archives

At the bottom of the interface, there is a 'Share' button and a footer with the text 'Avalon Media System Project Website' and 'Contact Us'.



NET Selection

Create Timeline Share Add to Playlist

Close 5 Sections

1. Leonardo Da Vinci (28:56)

- 1. Blank (00:10)
- ▶ 2. Program (28:30)
- 3. Blank (00:16)

Details Transcripts Files

Leonardo Da Vinci ▾ Download transcript

Auto-scroll with media

[00:14:30] Flap them, like birds.

[00:14:33] And then maybe thatway he will fly.

[00:14:36] Now, there is astory to the effect

[00:14:38] that one of Leonardo'sservants volunteered.

[00:14:42] Leonardo chatted with him.

[00:14:44] This I couldn't confirm.

[00:14:45] This may be just aninteresting story, an anecdote,

[00:14:50] but a pretty good one.

[00:14:52] I mean, Leonardo says to him, weare both interested in science.

[00:14:55] See, here they are.

[00:14:56] Leonardo says, we're bothinterested in science.

[00:14:58] So you put this on and takeoff from the top of the cliff.

[00:15:02] You are brave and morehandsome than I am and so on

Ramp, a IIF-based media component library

Demo site:

ramp.avalonmediasystem.org

Multiple captions per file

Language can be specified for each caption file

Major accessibility work completed



Whats new

Just shipped hyrax-v5.0.1 >

AN OPEN-SOURCE, SAMVERA-POWERED REPOSITORY FRONT-END

Hyrax is a repository solution that allows deposit of content via configurable workflows; description with customizable metadata; and user-level control over that content.

[Documentation](#)

[View on GitHub](#) →

EMORY UNIVERSITY
Emory Libraries

Common Fields Search Digital Collections

Emory Digital Collection

Access unique research materials

VIEW FEATURED ITEM

Browse All Items

Explore Our Collections

Library >

Collection >

FEATURED COLLECTION

FEATURED COLLECTION



The latest from Hyrax

Hyrax

Content migration example -
Metadata Only Works

Before Valkyrie, on Fedora 4:

10,000 records per day

After Valkyrie, on Postgres:

200,000 records per day

- Complete integration of the Valkyrie data mapper
- Flexibility to store and preserve files without compromising performance
- Up next: Hyrax 5.1 with migration adapters (Frigg and Freyja) for “lazy migration” to Postgres or Fedora 6 with no downtime





Whats new

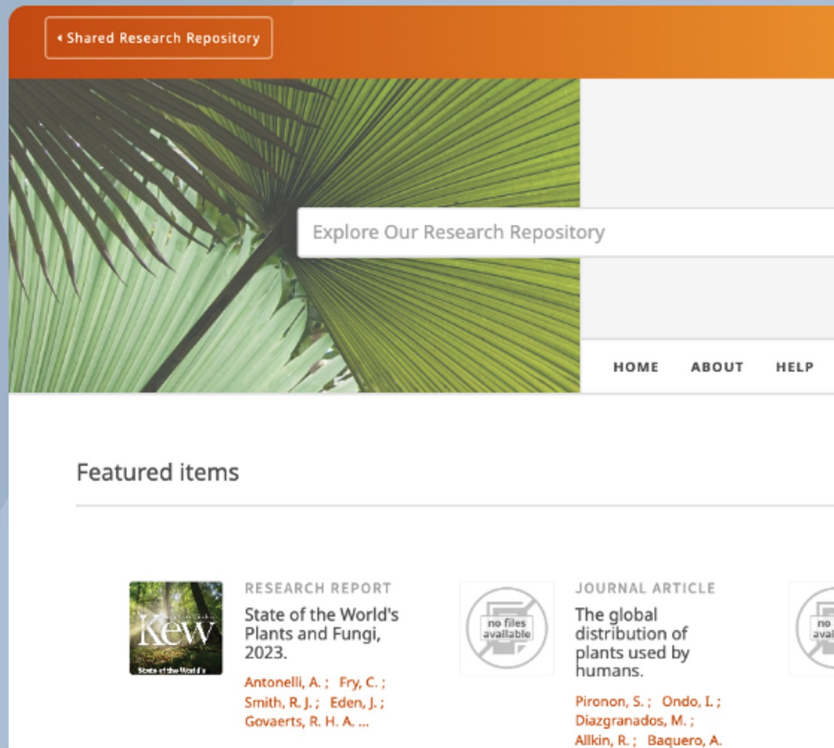
Just shipped v5.1.0 >

THE NEXT-GENERATION REPOSITORY SOLUTION

Hyku is a digital repository that provides a robust and flexible platform for institutions to manage, preserve, and provide access to digital content.

Documentation

[View on GitHub →](#)





The latest from Hyku

Hyku 5.1:

- IIF AV gem for audio and video support
- SSO Interface for SAML, OpenID Connect and CAS
- Accessibility improvements

Hyku 6.0 release candidate:

- **Knapsack** -Encapsulates Hyku code and isolates overrides so that upgrades and feature updates are easier
- **PDF.js viewer** and other improvements from Hyku for Consortia



hyku.samvera.org



[Features and Implementations](#)

[Getting Started](#)

[Presentations and Demos](#)

[News](#)

[Contact](#)

[Learn more →](#)

The Next Generation Repository Solution

Hyku is a digital repository that provides a robust and flexible platform for institutions to manage, preserve, and provide access to digital content.

[Get started](#)

[Documentation →](#)

Clover IIF

Whats new

Just shipped v2.8.3 >

SHOWCASE IIF MANIFESTS AS INTEROPERABLE WEB CONTENT

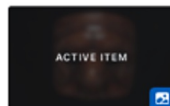
Extensible IIF front-end toolkit and Manifest viewer.

Accessible. Composable. Open Source.

Documentation

[View on GitHub →](#)

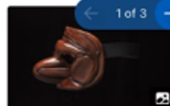
Zagna "lunga"



Front



Right



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About



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Fava, Ant

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2012

DEPARTME
Charles D

Serverless IIIF

Whats new

Just shipped v5.0.2 >

FAST, ZOOMABLE IMAGES WITHOUT SERVERS

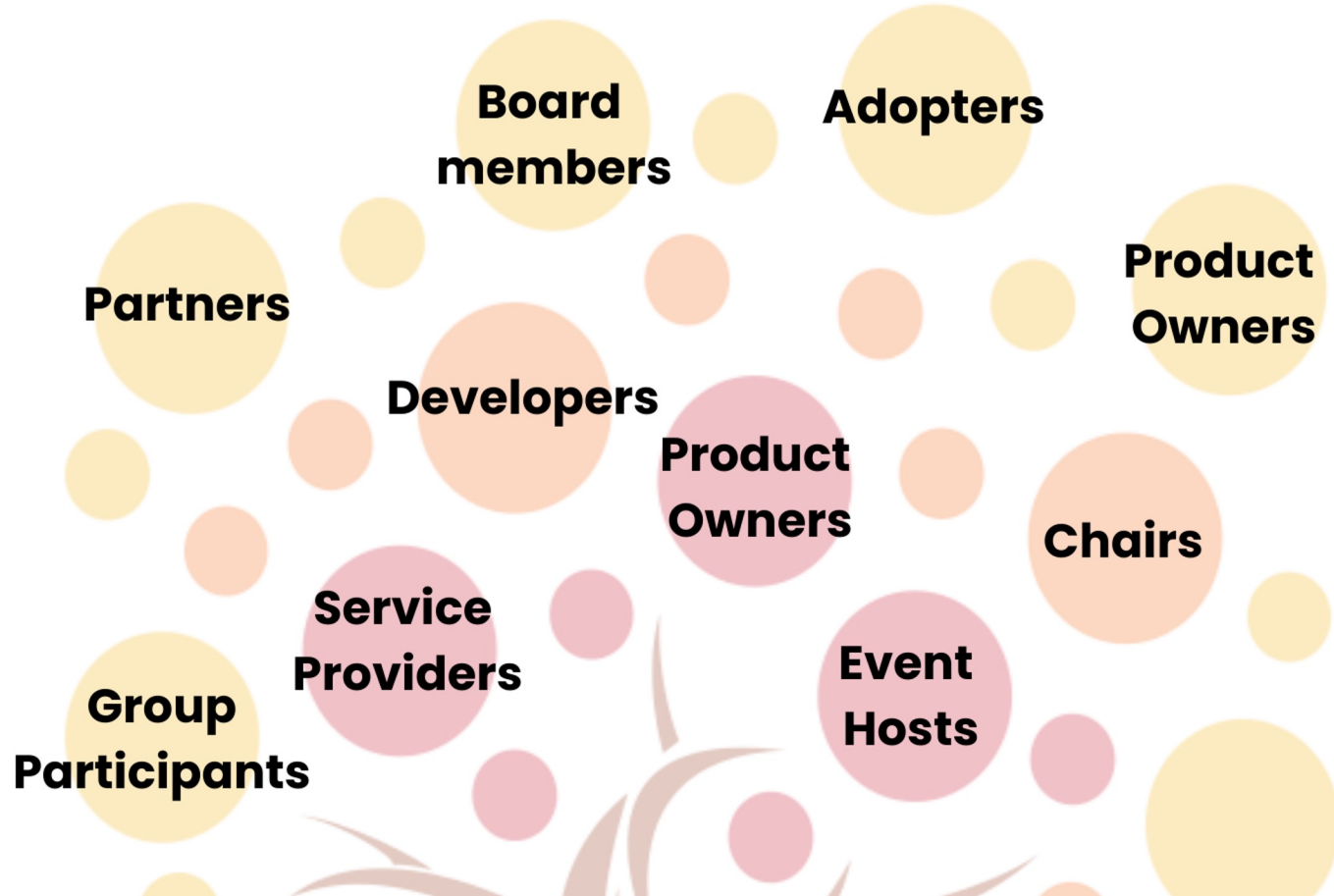
A cost-effective, infinitely scalable IIIF Image API v2.1 and v3.0 compliant service packaged as an AWS Serverless Application with minimum setup and no maintenance. Suitable for large institutional collections or small digital humanities projects.

Documentation

View on GitHub →

The screenshot shows the top portion of the Serverless IIIF website. At the top right, there are links for "Documentation", "About", and "IIIF In". The main heading is "Fast, zoomable images without servers". Below this is a descriptive paragraph: "A cost-effective, infinitely scalable IIIF Image API v2.1 and v3.0 compliant service packaged as an AWS Serverless Application with minimum setup and no maintenance. Suitable for large institutional collections or small digital humanities projects. Community Driven. Open Source." Two blue buttons are present: "Deploy Now →" and "Read the Docs →". Below the text is a diagram illustrating the architecture. It features an orange Lambda icon labeled "IIIF Lambda Function" which has bidirectional arrows connecting it to a green bucket icon representing S3. To the right, a purple icon representing an Amazon CloudFront distribution is shown with bidirectional arrows connecting it to the Lambda function. Below the CloudFront icon are two smaller orange Lambda icons, and the word "CloudFront" is partially visible at the bottom right.

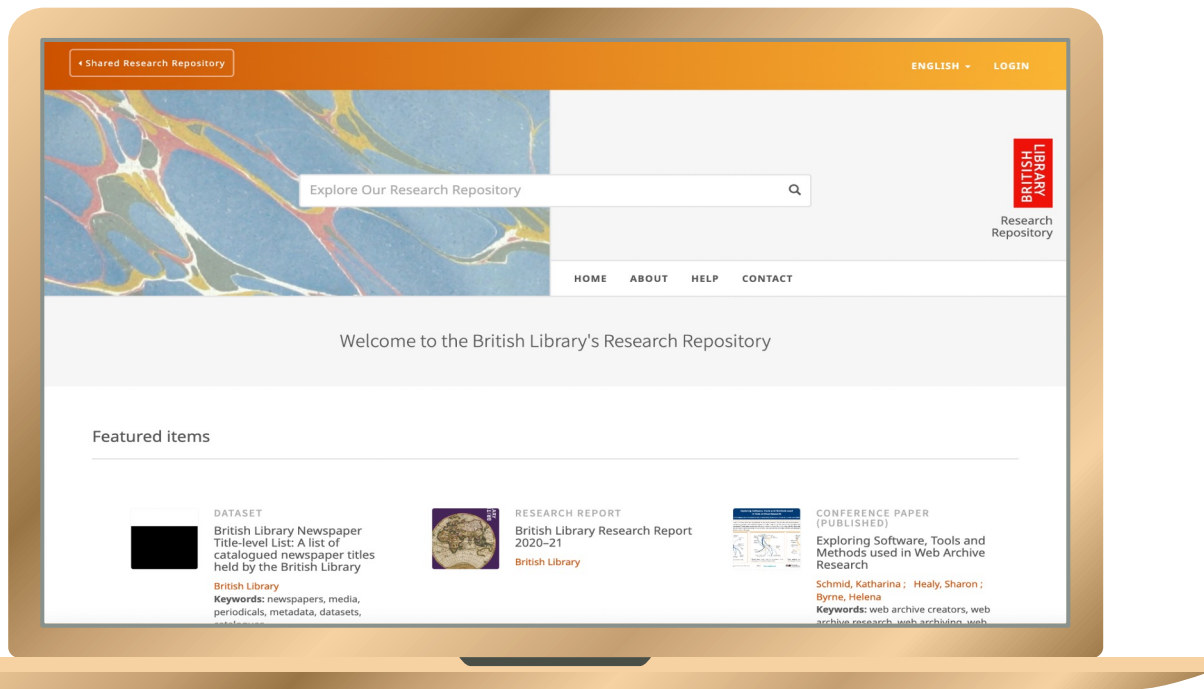
Samvera Community



Welcome to our newest Partners



Welcome to our newest Partners



BRITISH LIBRARY



All Are Welcome!

Interest Groups:

Hyku, Hyrax, Avalon

Metadata

Outreach & Engagement

Repository Management

Accessibility

Documentation



Goal: confident community contributors



Grow our community
development leadership

Community training options

Community Sprints at
regional meetings

Samvera Regional Meetings 2024

Midwest Regional Meeting

Indianapolis, IN

September 25-26

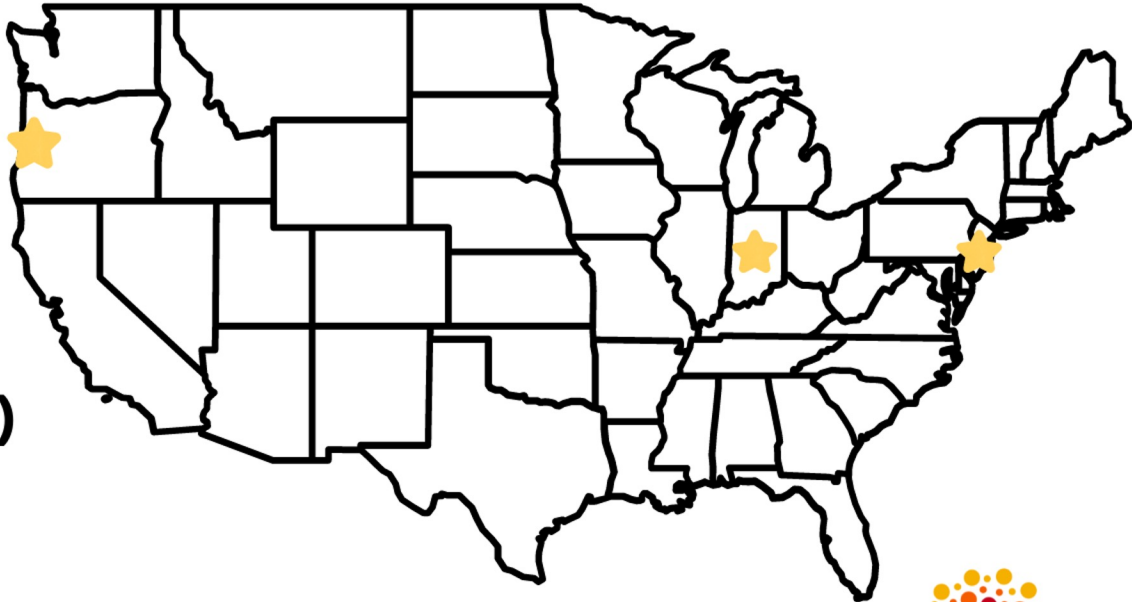
Northeast Regional Meeting

Princeton, NJ

October 14-15

Still to be scheduled:

- **West Coast (early October)**
- **Europe**



Samvera
Connect
2025

C EL COLEGIO
M DE MÉXICO

October
21 - 24
2025





Thank You!

heather@samvera.org

Visit Our Website
samvera.org



Questions
