



Samvera

**Introduction to Community,
Technology, and Value
22 October 2020
Samvera Connect On-line**

Richard Green

Robin Ruggaber

samvera

Please mute your microphone and turn off your video to reduce network traffic for those with poor connections. Thanks!



Let's Start with You – Welcome!

- ~~• Introductions~~
- ~~• What are your goals for this workshop?~~
- ~~• What interested you in Samvera?~~
- ~~• What are some things you would like to know more about?~~
- Too many people to do that! Instead we'll make some assumptions but try to leave time for questions at the end
- We'll also leave you with our contact details in case you want to follow up with questions that way. We may not know the answers but we should be able to put you in touch with someone who does!



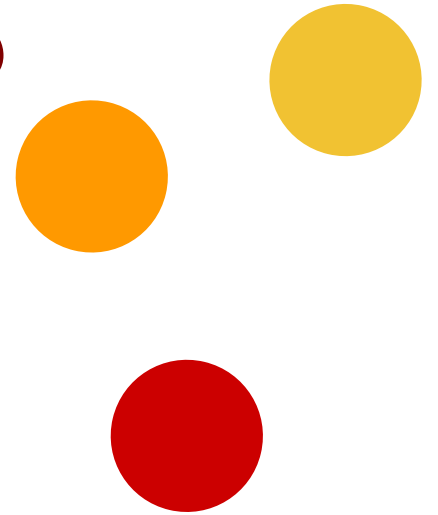
What we'll cover

- What is Samvera?
- The Community
- The technology
- Why Samvera?
- Where to begin?
- Enrolling Others
- Q & A – we'll check between segments and at the end

First up:

What is Samvera?

- the view from 35,000 feet!





What is Samvera?

- A community building, extending and enhancing repository solutions
 - *If you want to go fast, go alone. If you want to go far, go together.*
- Software enabling robust repositories fronted by feature-rich, tailored applications and workflows
- Collaboratively built “products” that can be adapted and modified to suit local needs.
 - e.g. Hyrax, Hyku, Avalon

What is Samvera? #2



- The Community overview
- The solutions overview
 - Hyrax
 - Hyku
 - Avalon
- The cost overview

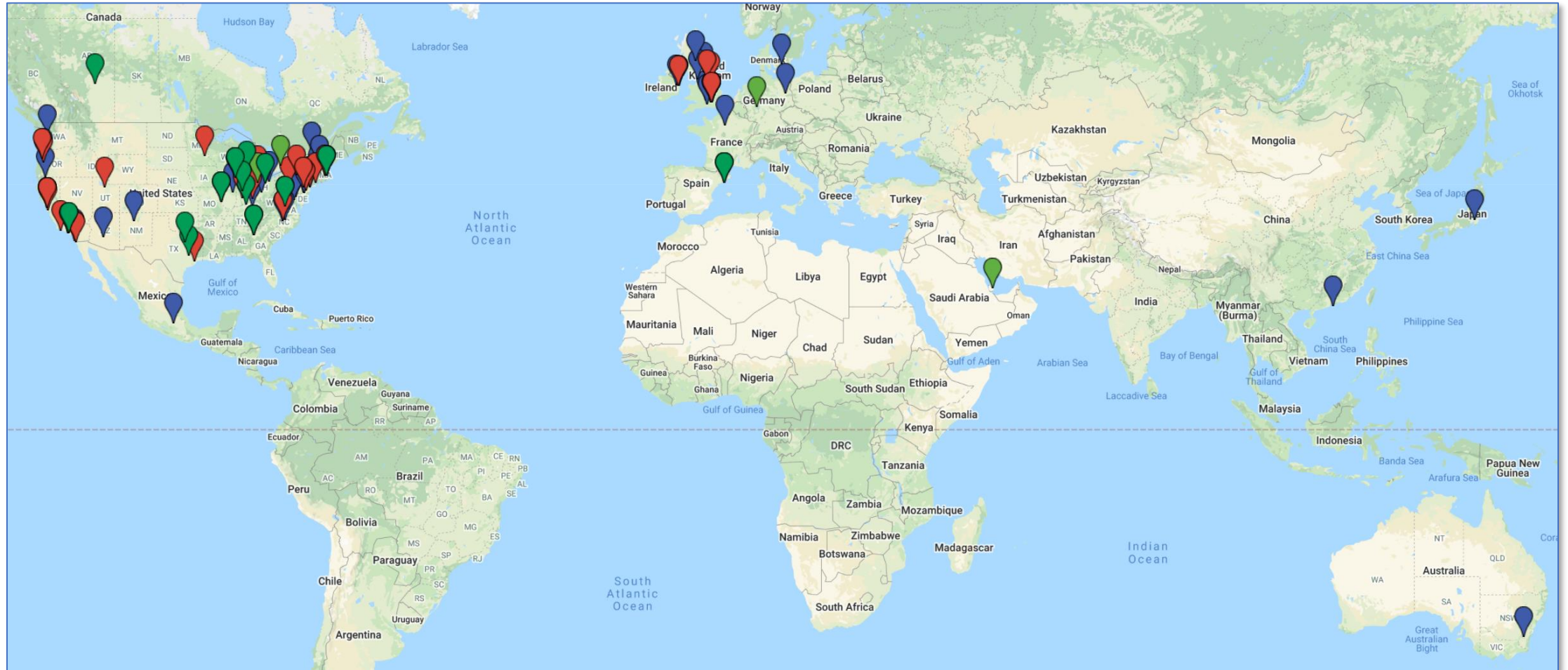
The Community overview



*Some of the attendees at
Samvera Connect 2019 at
Washington University in St
Louis, MO*

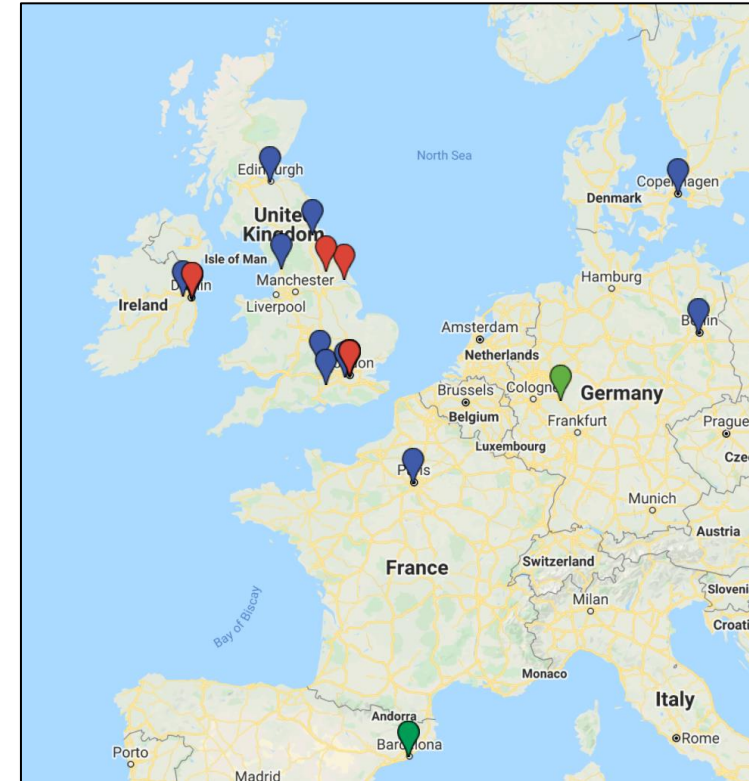
(photo Washington University in St Louis)

A World Wide Presence



If you want to go far, go together!

A World Wide Presence



...North America and Europe at larger scale



Community Structure

- ❖ **Steering Group** (elected by and from Partners)

Stewards of the project - individual membership

- ❖ **Partners** (Institutional)

Formally committed institutional membership

- ❖ **Working & Interest Groups**

Topically aligned groups that span organizations & roles

- ❖ **Committers**

Developer community

- ❖ **Community adopters**

...and working
with all of those
Samvera's
**Community
Manager**



Samvera Partners

- Stanford University
- University of Hull
- University of Virginia
- University of Notre Dame
- Northwestern University
- Columbia University
- Penn State University
- Indiana University
- Data Curation Experts
- WGBH
- Boston Public Library
- Duke University
- Yale University
- University of Cincinnati
- Princeton University Library
- Cornell University
- Oregon State University
- University of Oregon
- Tufts University
- University of Michigan
- University of California, San Diego
- University of York
- Lafayette College
- Washington University in St. Louis (WUSTL)
- The Digital Repository of Ireland
- University of California, Santa Barbara
- University of Houston Libraries
- Emory University
- CoSector, University of London
- Ubiquity Press
- University of Utah
- Notch8



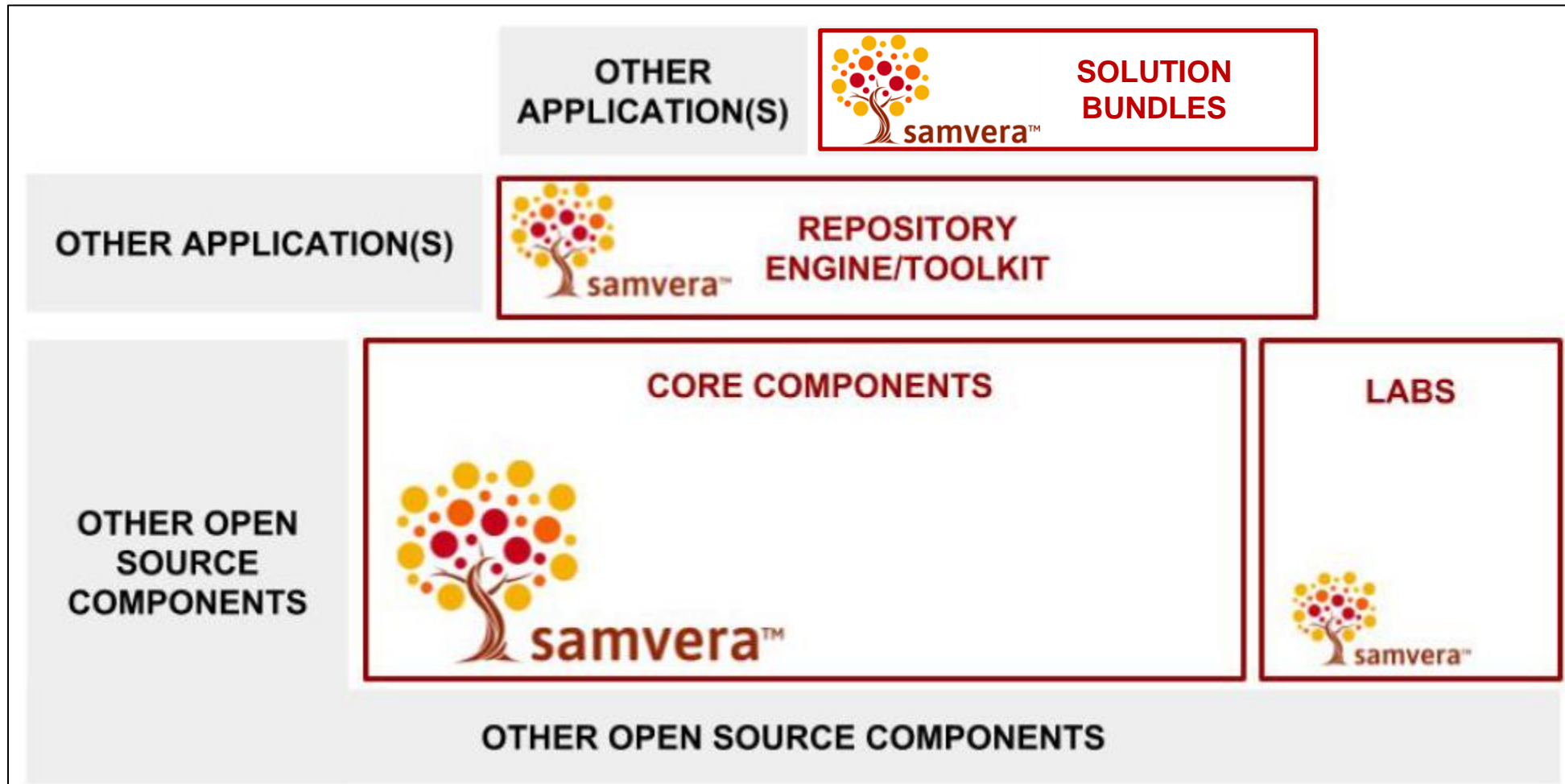
Used by:

- Large Universities
- Small Universities
- Colleges
- Public Broadcasting
- Government Ministry
- National Libraries
- National Lab
- Small Research Labs
- National Digital Repository
- Statewide Digital Libraries
- Science History Institute
- Museum of Performing Arts
- A Shakespeare Festival

Used for:

- Self-deposit system
- Digital Collections Systems
- Electronic Theses & Dissertations
- Digital Image System
- Media Management
- Media Preservation System
- Research Data Management
- Digitization Workflow System
- Digital Preservation System
- Digital Archives System
- Library Monograph Acquisitions System
- And more!

The solutions overview

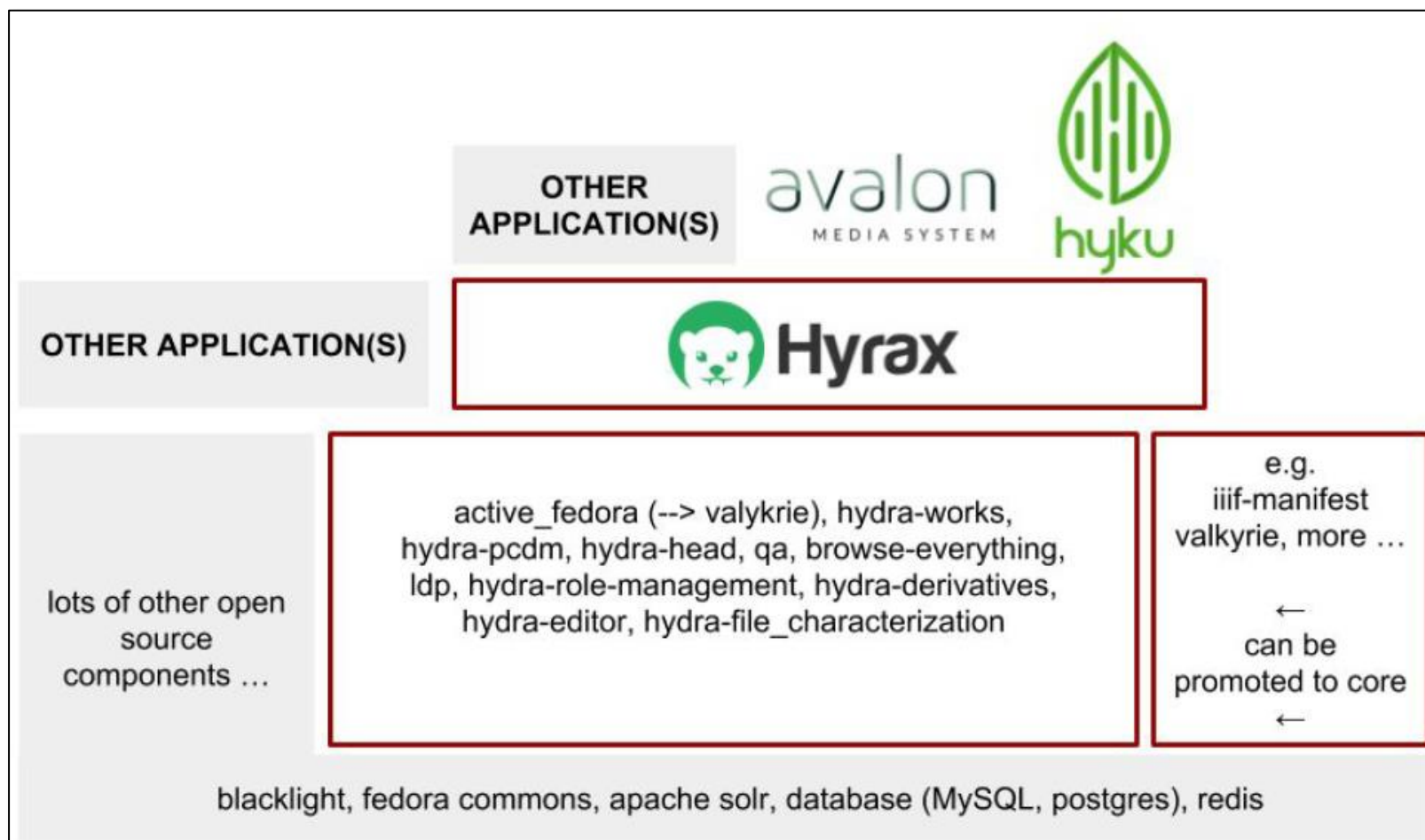


Based on: The anatomy of a Samvera application

Source: State of Samvera Technology in 2019: White Paper

Samvera Roadmap Council

TLDR!



The anatomy of a Samvera application - exploded

Source: State of Samvera Technology in 2019: White Paper

Samvera Roadmap Council



- Hyrax is a repository-building engine, or toolkit, designed to offer a Samvera-powered repository with a set of common, configurable, core functionalities. For example:

Hyrax features	
Custom work types to fit local needs	Google Analytics for usage statistics
Multiple file, or folder, upload	Full-text indexing and searching
Flexible user- and group-based access controls, including sharing with groups and individuals	Full-text indexing and searching
Admin dashboard and admin privileges: <ul style="list-style-type: none">• Editing rights to pages where content can be dynamic• Ability to configure featured works and featured researcher on home page• Access to range of use and usage statistics User profiles and user dashboard for managing files, including creation of collections	Digital preservation functionalities: <ul style="list-style-type: none">• Fixity checking• Version control• Characterization of uploaded files
Proxy deposit and transfer of file ownership	
Configurable, flexible workflows	
Batch upload and editing	

Source: State of Samvera Technology in 2019: White Paper

Samvera Roadmap Council



- This started out as the chief deliverable from the Hydra-in-a-Box project: Hyku is a Hyrax-based repository solution bundle designed to be easy to deploy and easy to support
- Hyku offers multi-tenancy to facilitate supporting multiple repositories in one software stack
- Hyku is optimised for deployment, with docker and AWS templates available.

- Avalon is a platform for managing and providing access to large collections of digital audio and video built on Samvera core components
- Avalon is moving towards a fully Hyrax-based solution bundle which will provide components that bring Avalon functionality into existing Hyrax applications

The cost overview

FREE OF CHARGE

- Samvera software is open-source. All Samvera code is available free of charge under an Apache Version 2 License.

BUT puppies are not for free

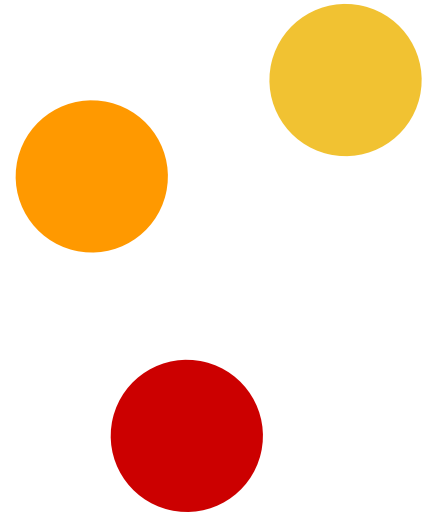


[This Photo](#) by Unknown Author is licensed under [CC BY-SA-NC](#)

- - and nor is Samvera, really.
- Everyone has costs
 - Hardware costs?
 - Infrastructure costs?
 - Staffing costs?
 - Service provider costs?
 - ...?
- Your costs depend on how you implement Samvera

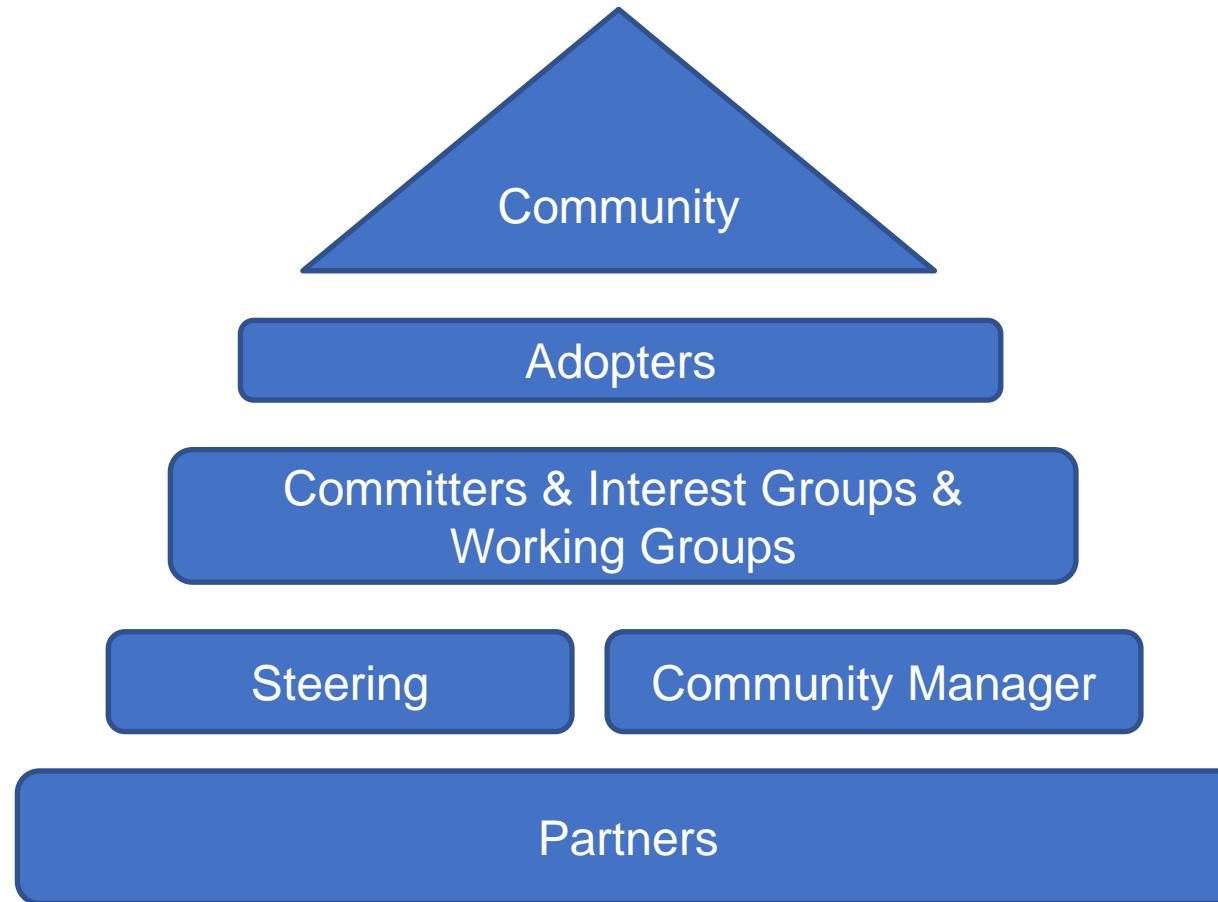
Next up:

The Community



How does this work?

Governance & Community Model





Samvera Partners

...are individuals, institutions, corporations or other groups that have committed to contributing to the Samvera community; they not only use the Samvera technical framework, but also add to it in at least one of many ways: code, analysis, design, support, funding, or other resources.

Samvera Partners collectively advance the project and the community for the benefit of all participants.

A Few Community Member Statistics



- 32 Partners
- 50 “Known” Adopters
- 20 Avalon Adopters (18 production & 2 launching)
- 5 Service Providers

Steering



- Carolyn Caizzi (Northwestern University) (2019 - 2022)
- Esmé Cowles (Princeton University) (2020 - 2023)
- Hannah Frost (Stanford University) (2019-2022)
- Kevin Kochanski (Notch8) (2020-2021)*
- Brian McBride (University of Utah) (2020 - 2023)
- Rosalyn Metz (Emory University) (2018-2021)
- Alicia Morris (Tufts University) (2020 - 2023)
- Simeon Warner (Cornell University) (2019-2022)
- John Weise (University of Michigan) (2018-2021)
- Non-voting ex-officio: Heather Klein (Samvera Community Manager)
- Non-voting ex-officio: Richard Green (Samvera Operations Advisor)

Our New Community Manager



Heather Greer Klein

Heather Greer Klein is the inaugural Samvera Community Manager. She previously served in several roles at LYRASIS and DuraSpace including as the Outreach & Engagement Coordinator for Digital Technology Services, the DSpace 7 Release Manager, and the DuraSpace Services Coordinator. Prior to working at DuraSpace and LYRASIS, Heather was the Member Services Coordinator at the NC LIVE consortium. She received her MLIS from Simmons College. She lives and works in Durham, North Carolina.



Many Hands Make Light Work

- Software Developers
- Code Committers
- Metadata Specialists
- User Experience (UX) Experts
- User Interface (UI) Designers
- Project, Service, & Repository Managers
- Communication Experts
- Senior Management



Interest & Working Groups

[Component Maintenance Working Group](#)
[Controlled Vocabularies Decision Tree Working Group](#)
[Hyrax Interest Group](#)
[Hyrax Maintenance Working Group](#)
[Hyrax-Valkyrie Development Working Group](#)
[Hyrax v3.0 Metadata Application Profile Documentation Review Working Group](#)
[Samvera Branch Renaming Working Group](#)
[Samvera BrowseEverything Interest Group](#)
[Samvera Code of Conduct Working Group](#)
[Samvera Geo Predicates Working Group](#)
[Samvera Hyku Interest Group](#)
[Samvera Infrastructure Working Group](#)
[Samvera Marketing Working Group](#)
[Samvera Metadata Interest Group](#)
[Samvera Newspapers Interest Group](#)
[Samvera Repository Management Interest Group](#)
[Samvera Roadmap Council](#)
[Samvera User Experience Interest Group](#)

and 43 archived

Service Providers

- CoSector, Univeristy of London
 - Contact researchtech@cosector.com
- Cottage Labs
 - <https://cottagelabs.com/>
 - Contact: Richard Jones (richard@cottagelabs.com)
- Digital Curation Experts
 - <https://curationexperts.com/>
 - Contact: Mark Bussey (mark@curationexperts.com)
- Notch8
 - <http://www.notch8.com/>
 - Kevin Kochanski (kevin@notch8.com)
- Ubiquity
 - <https://www.ubiquitypress.com/>
 - Brian Hole (brian.hole@ubiquitypress.com)

Events



- Samvera Connect
- Samvera Virtual Connect
- Samvera Partner Meetings
- Samvera Regional Meetings
- Presentations & Workshops
- Training Camps



Communication Channels

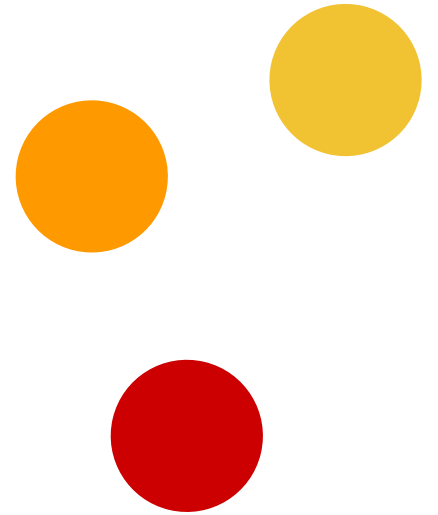
- **Slack** - for real-time interaction
- **E-mail** - for asynch and longer discussions
- **Community Calls** - Samvera Tech & Community calls, Virtual Connect
- **In Person** - Connect, regional meetings, other conferences, & workshops



Finances

- What are our costs?
- Variety of Ways to Resource
- New Membership Model
- Current Outlook
- Future Direction

Next Up: **The Technology**



Any questions so far?

What do the solutions provide?



- Functionality overview
- Hyrax examples
- Hyku examples
- Avalon example

Read the White Paper



What follows is going to be a very superficial treatment. A much more thorough explanation can be found in the Samvera Roadmap Council's: [White paper: State of Samvera Technology in 2019](#)

Note: The Roadmap Council has since been renamed the Roadmaps Alignment Group



The Stack : foundational elements

Samvera is designed to provide a rich front-end framework for a Fedora repository metadata and data storage layer.

Solr allows for fast searching and rich discovery of content.

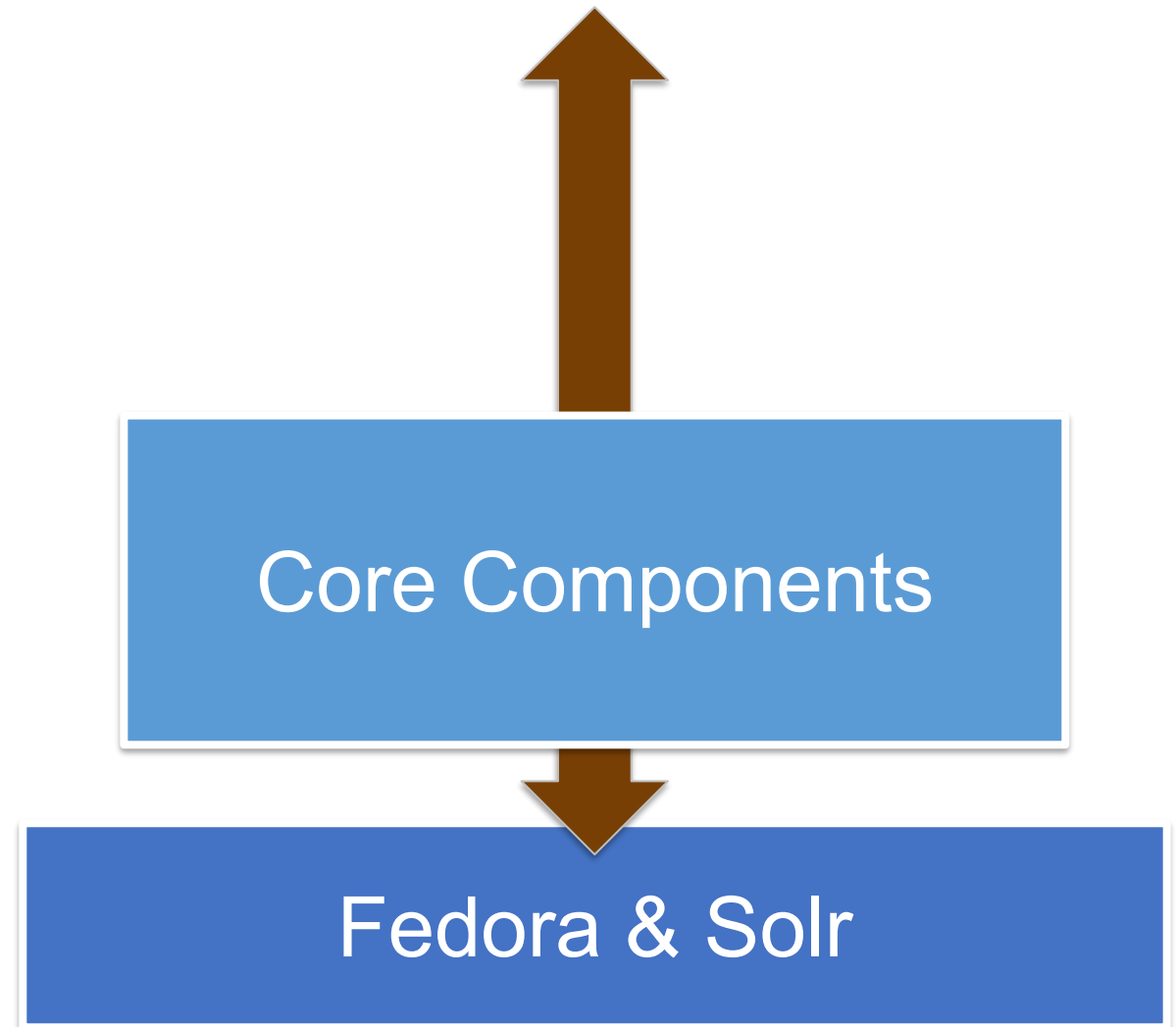
A gem Active Fedora bridges from Samvera to Fedora but soon a new one, Valkyrie, will allow you to use combinations of PostgreSQL, disk, Fedora, or Solr for metadata, discovery, and storage



**Fedora & Solr
and – soon- Valkyrie**
(PostgreSQL, Fedora, Solr, disk, memory)

The Stack : core components

A set of core components (Ruby gems) provide interfaces for interacting with Fedora and Solr, PCDM-compliant data models and other commonly-needed features like characterization, text extraction and derivative generation.



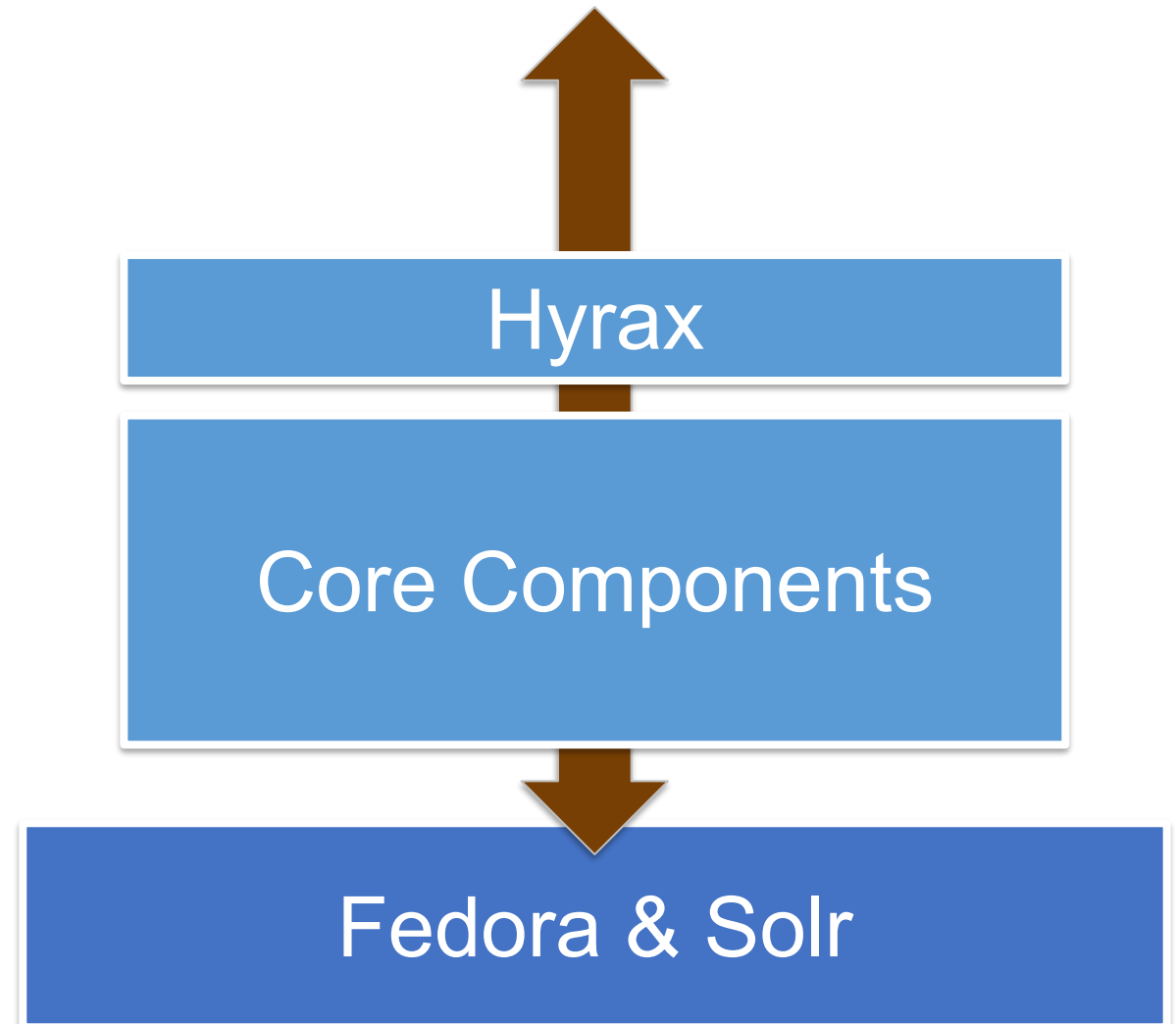


The Stack : Hyrax

The Hyrax Rails engine provides a fully featured repository front end with self-deposit and administrative workflow features along with:

- User & Admin dashboards
- Upload via cloud providers
- Citation integration
- File auditing & versioning
- Access controls
- Leases and embargoes

If you want to go far, go together!



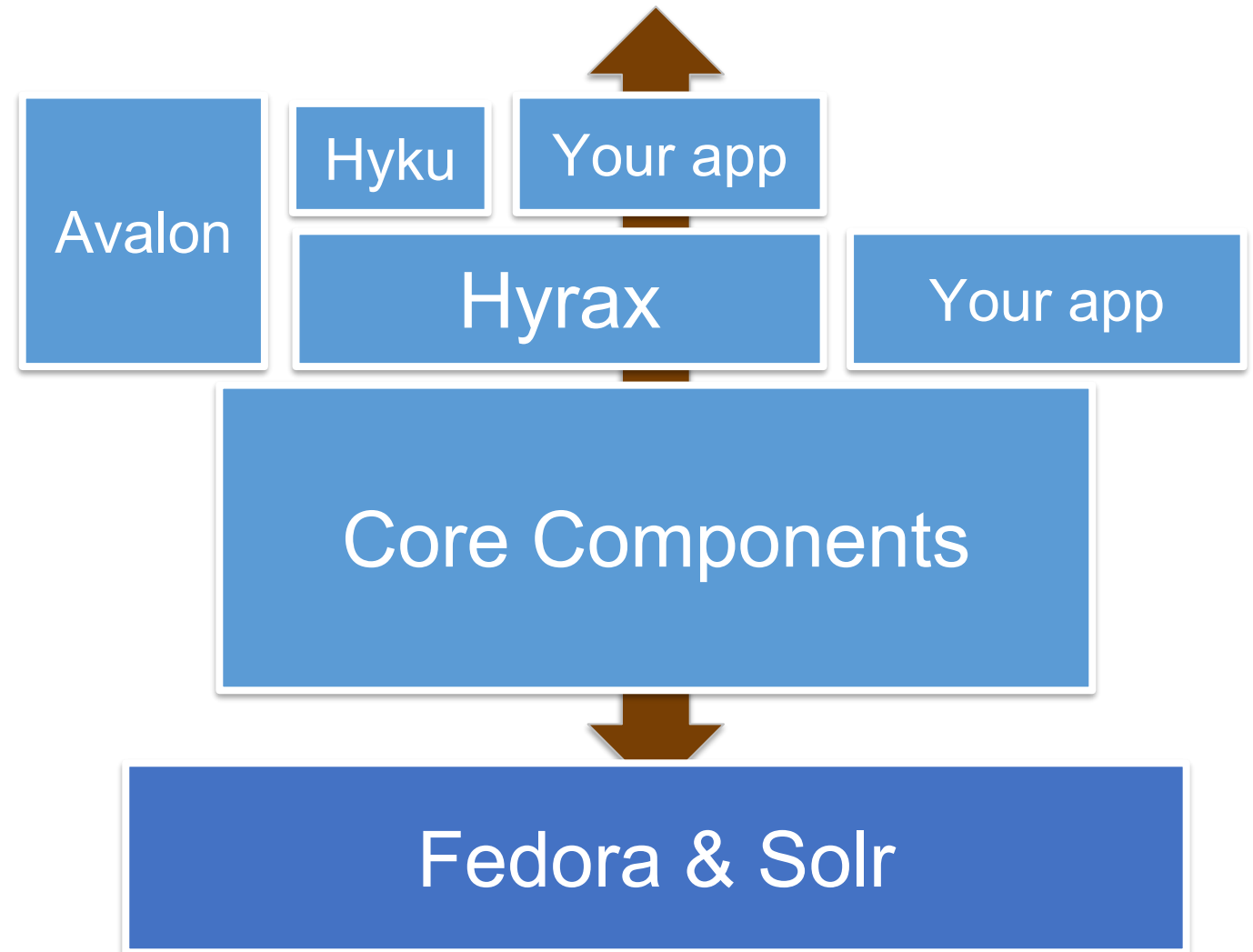


The Stack : you

Your application can be a highly tailored solution built on core components

Or a lightweight wrapper built on Hyrax

Or, an instance of an out of the box solution, like Hyku, or a specialised app like Avalon





Code Licensing

- All Samvera code is available under Apache License, Version 2.0
- All code commitments are being managed through Contributor License Agreements
 - Individual – each developer is clear about what they are contributing
 - Corporate – each institution is clear about what it is contributing
- Code contributors maintain ownership of their intellectual property (IP)
 - ... and grant a non-exclusive license to the Samvera and its users
 - The conventions under which code is licensed are clear - and folks often license their own work under the same terms

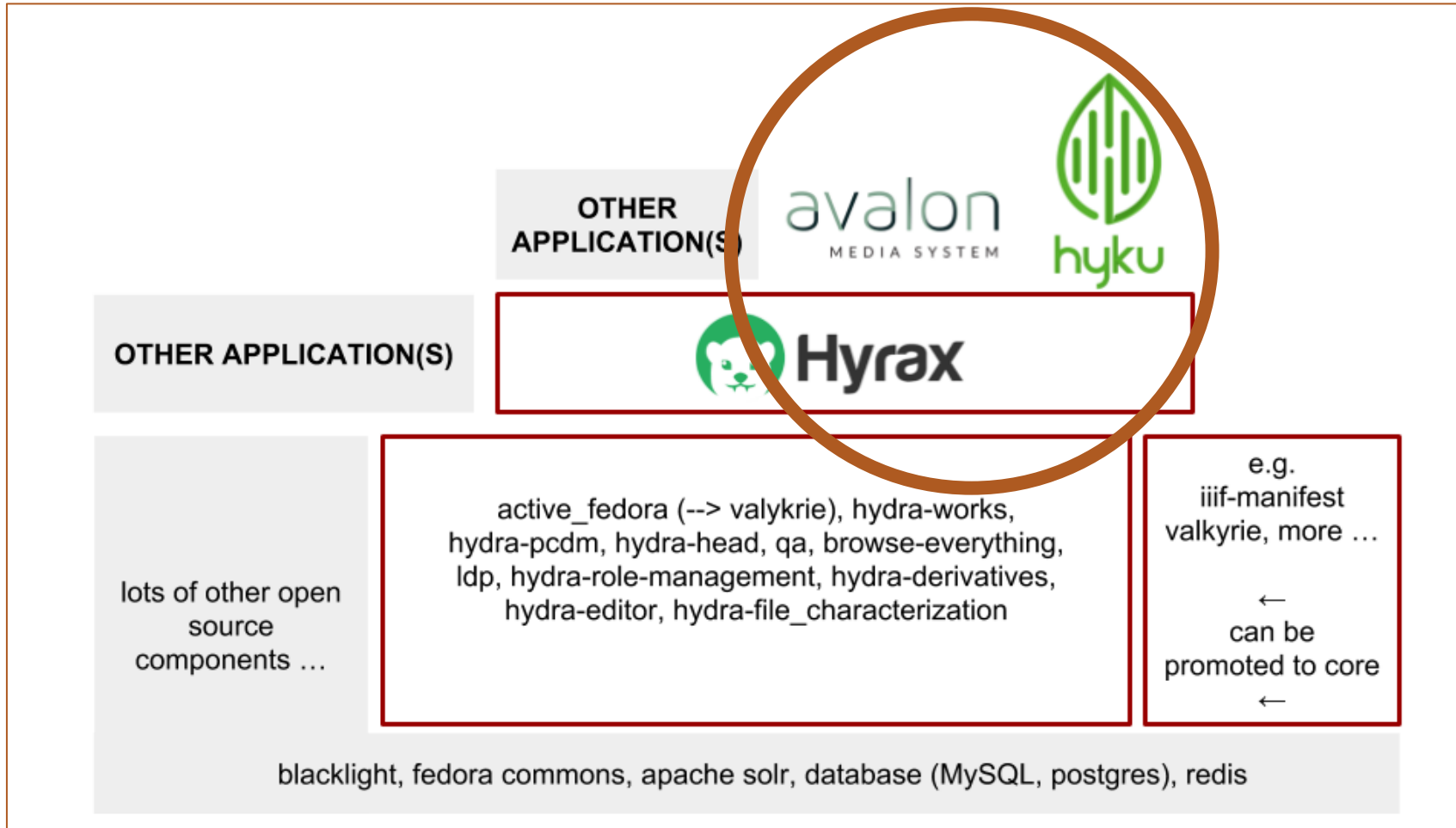


Take home messages

Samvera is:

- **Modular** - pick and choose from a set of components with different ways of creating your repository, from simple to complex, from hosted to in-house design and build
- **Opinionated** - follows patterns and Rails practices to offer a way of doing things that the community has coalesced around
- **Flexible** - can meet a range of needs
- **Evolving** – the functionality of our code extends, and it evolves to keep pace with the evolution of its dependencies (Ruby, Solr etc)

The anatomy of Samvera technology



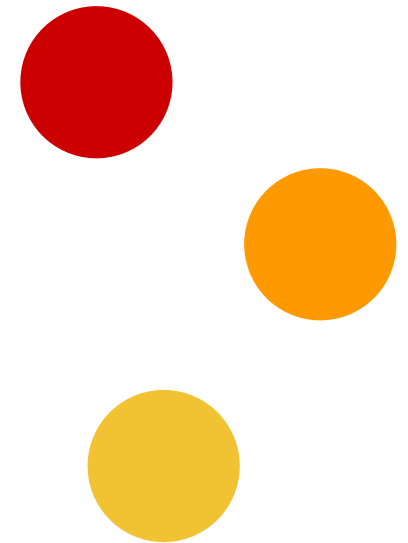
Remember this diagram?

We're now going to explore these three Samvera 'products' a little:

- Hyrax,
- Hyku and
- Avalon

Next up:

Example Sites



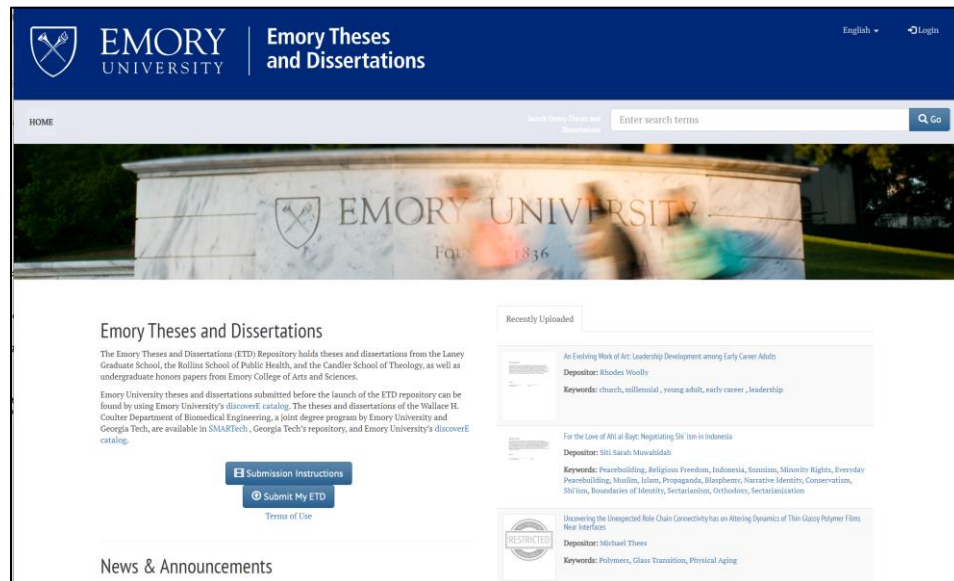
What are folks doing with Samvera?



What this is about

- There are many, widely differing implementations of Samvera's software.
- This section will point you at some varied implementations based on Hyrax, Hyku and Avalon that you might like to explore in your own time and we'll point you to a much longer list.
- We'll include a quick run around Samvera's own Hyku-based repository to look under the lid.

Emory ETD Repository

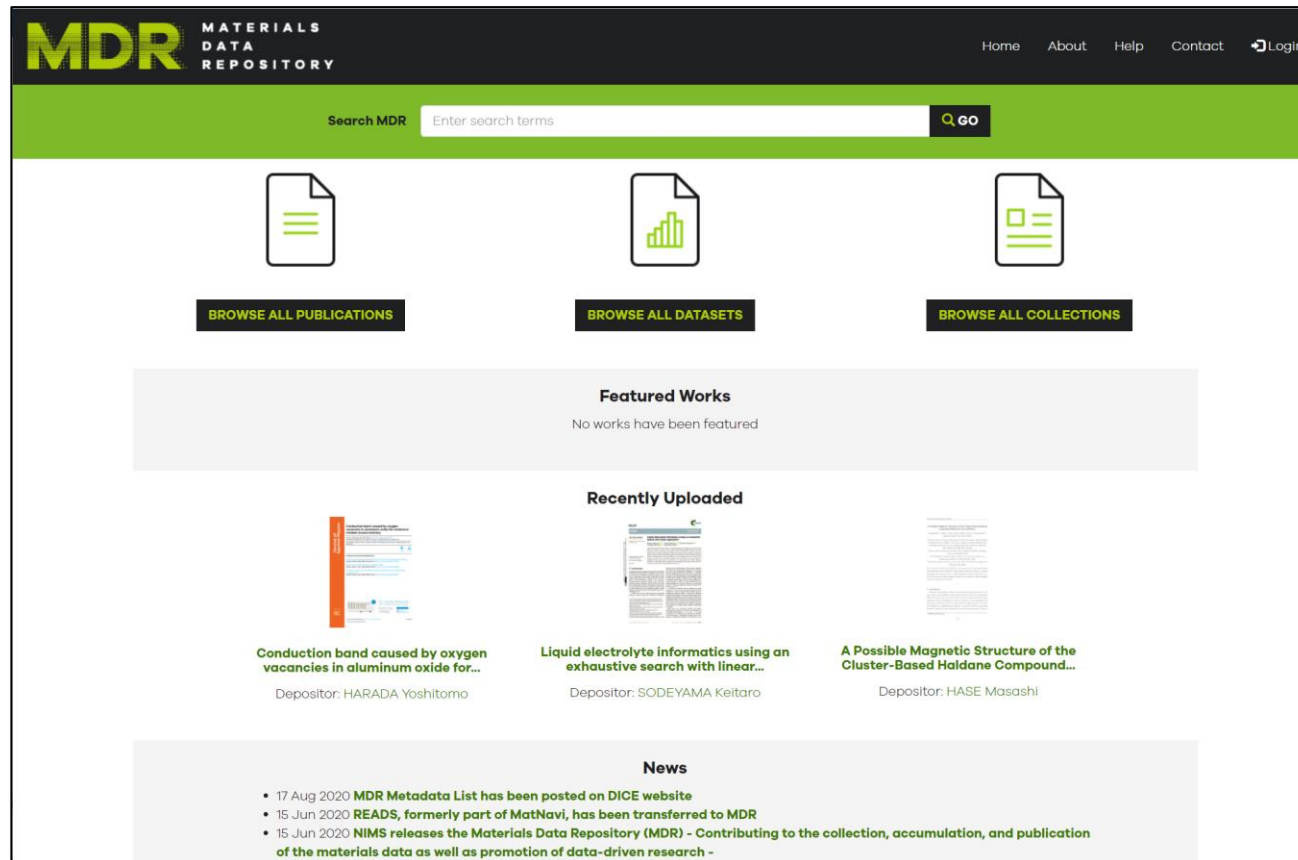


- Hyrax Development
- Electronic Theses and Dissertations focus
- Student submission and workflow focused

Live Site:

<https://etd.library.emory.edu>

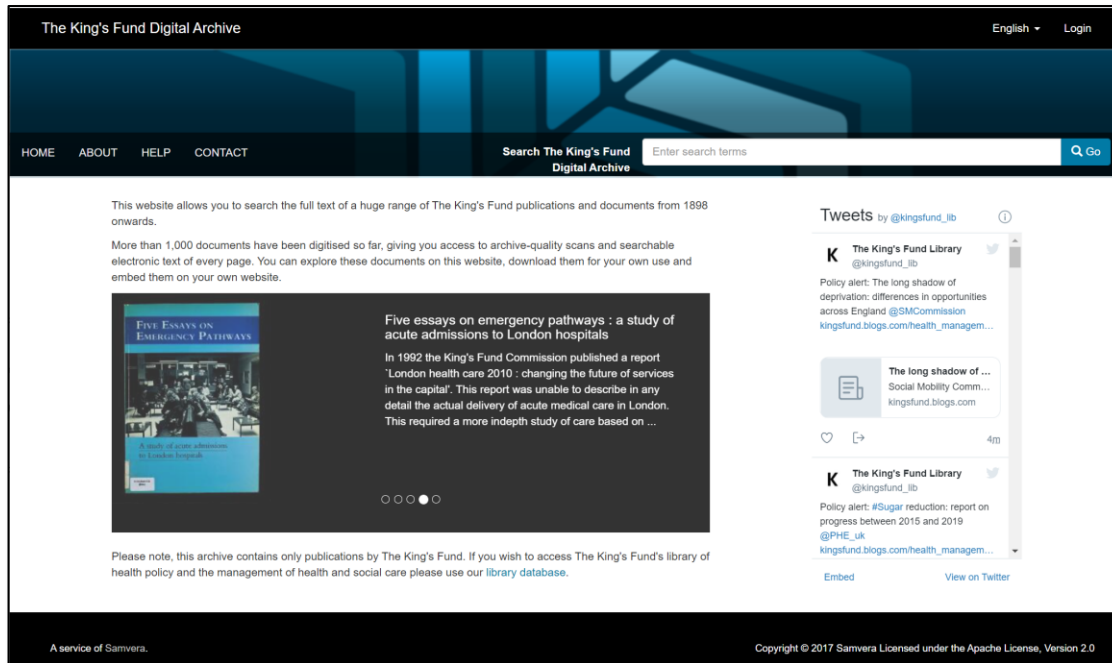
National Institute for Material Science



- Data repository based on Hyrax
- Customized data model with nested properties for materials metadata.
- 'Download all' for multi-file works.
- Live site:

<https://mdr.nims.go.jp/>

King's Fund Digital Archive

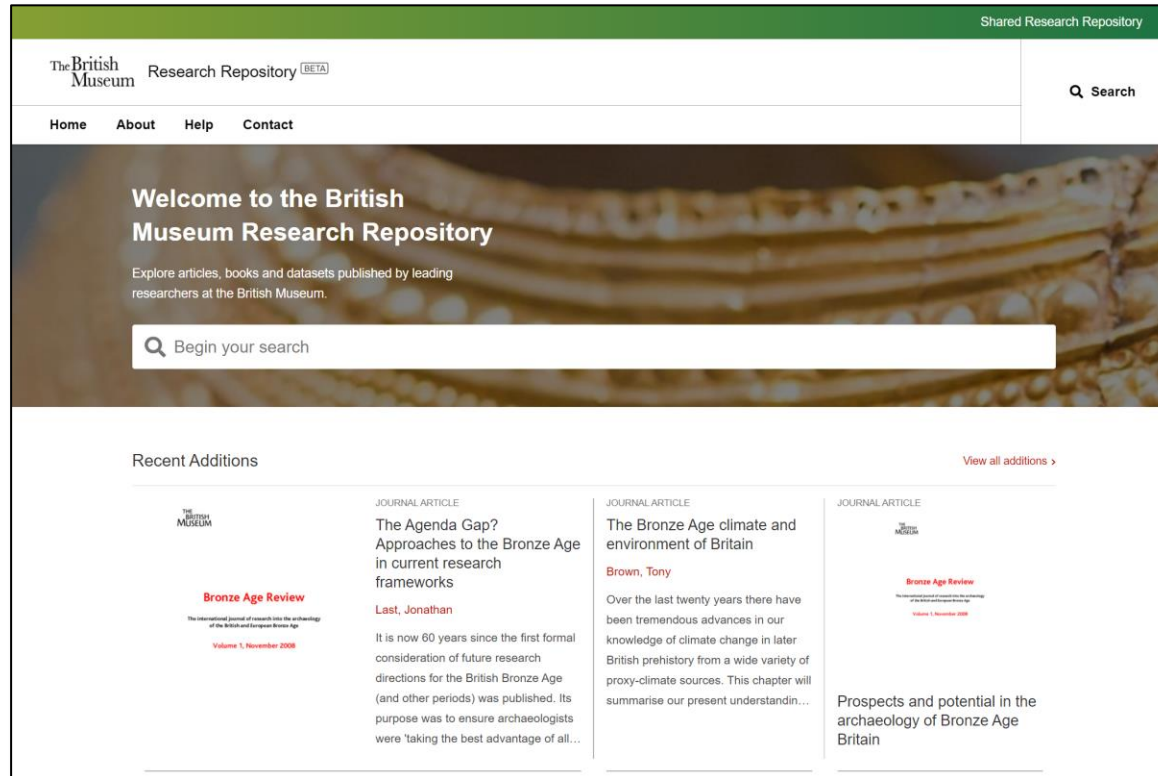


- Running on Hyku software
- Digitised publications by the King's Fund
- Heavy use of IIIF and Universal Viewer

Live Site:

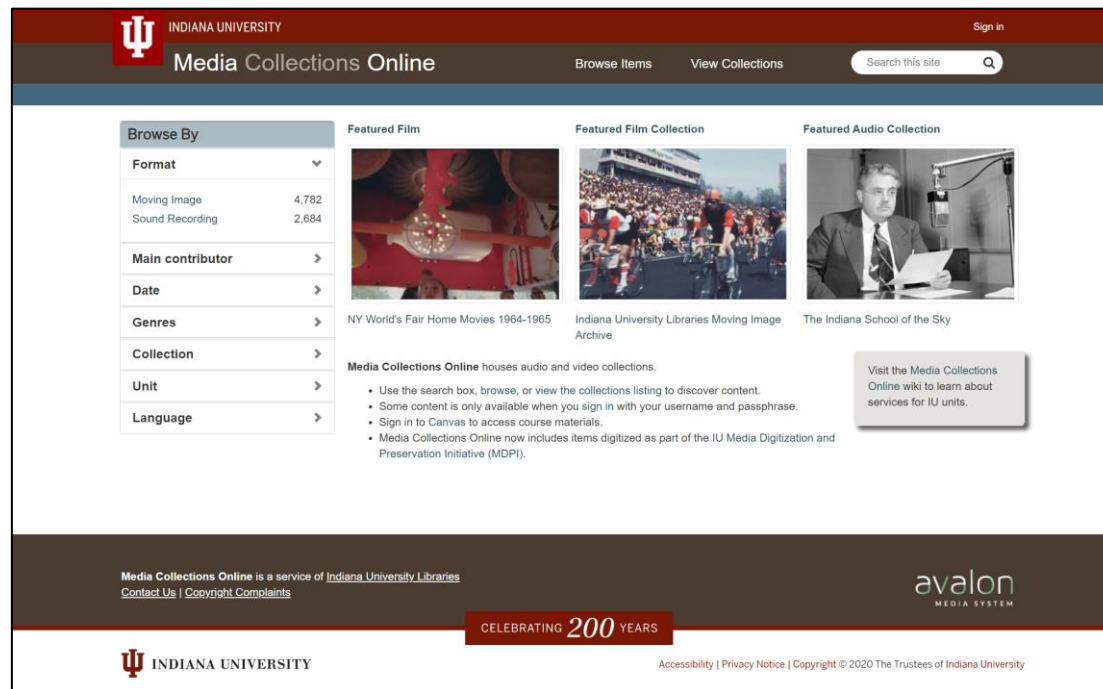
<https://archive.kingsfund.org.uk/>

Shared Research Repository



- Institutional repositories for UK cultural heritage organisations, currently all Independent Research Organisations (IROs). Content includes a variety of outputs including published works, datasets, 3D models and exhibition material.
- Six individual repositories with a unified search layer over the top.
 - Museum of London Archaeology
 - Tate
 - National Museums Scotland
 - The British Museum
 - Royal Botanic Garden Kew
 - British Library
- Unified search portal: <https://iro.bl.uk/>

Indiana University Media Collections Online



- Built using the [Avalon Media System](#)
- Rich tool for management and discovery of audio and visual resources
- Provides gated discovery and streaming authentication

Live Site:

<https://media.dlib.indiana.edu>

More ...



LYRASIS Spaces People Polls Calendars Create ... Search

Pages / Samvera 411 views Edit Save for later Watching Share ...

Samvera Implementations: In-production

Created by Nabeela Jaffer, last modified by Dan Kerchner on Aug 07, 2020, viewed 411 times

A list of known Samvera applications and the features that have been added to them (newer entries added at the top)

Institution name and contact email	Product/Service Name (please link to the live site) and Code repository (please provide a link to the code repository if it is public)	Brief Description (what is it used for and by whom?)	Main Features (any customized features or additions to base gems)	Samvera solutions/gems (Please list the gem names like Hyku, Hyrax, Avalon, Sufia, older gems)	Storage Layer (Please list the storage like Fedora 3.2, Fedora 4.3 etc)
National Institute for Materials Science TANABE.Kosuke@nims.go.jp MATSUDA.Asahiko@nims.go.jp	Materials Data Repository https://mdr.nims.go.jp/	Institutional research data and publications repository with a focus on materials science.	Customized data model with nested properties for materials metadata. DOIs. CSV preview. 'Download all' for multi- file works.	Hyrax 2.6	Fedora 4.7
Trinity College Dublin, the University of Dublin jlakes@tcd.ie digital.collections@tcd.ie	Trinity College Digital Collections https://digitalcollections.tcd.ie (beta) https://github.com/joelakes/TCD-Hyrax-Web-App	Repository of digitised collections for the Library in Trinity College Dublin. Includes national treasures such as the Book of Kells, and Clarke Stained Glass Studios Collection.	We remain fairly close to out-of-the-box Hyrax. A customised version of Bulkcrax is used for batch ingests (thanks to Notch8).	Hyrax Bulkcrax	Fedora 4.7.5 Solr 7.6 Cantaloupe 4.1.2
Atla (American Theological Library Association) Karpinski, Christy <ckarpinski@atla.com>	Atla Digital Library: https://dl.atla.com/	The Atla Digital Library is provides Atla members and other organizations with access to aggregated theological library collections from across the US.	Various customizations and heavy use of Bulkcrax for import.	Hyrax Bulkcrax	Fedora 4.7.4
Shared Research Repository British Library	Shared Research Repository: https://iro.bl.uk/ BL: https://bl.ero.bl.uk/	Institutional repositories for UK cultural heritage organisations, currently all independent	Six individual repositories with a unified search layer over the top.	Hyku 1.0	Fedora 4.7.4

List of Production repositories on the Samvera wiki

A run around a Hyku



HEALTH WARNING

<https://repo.samvera.org>

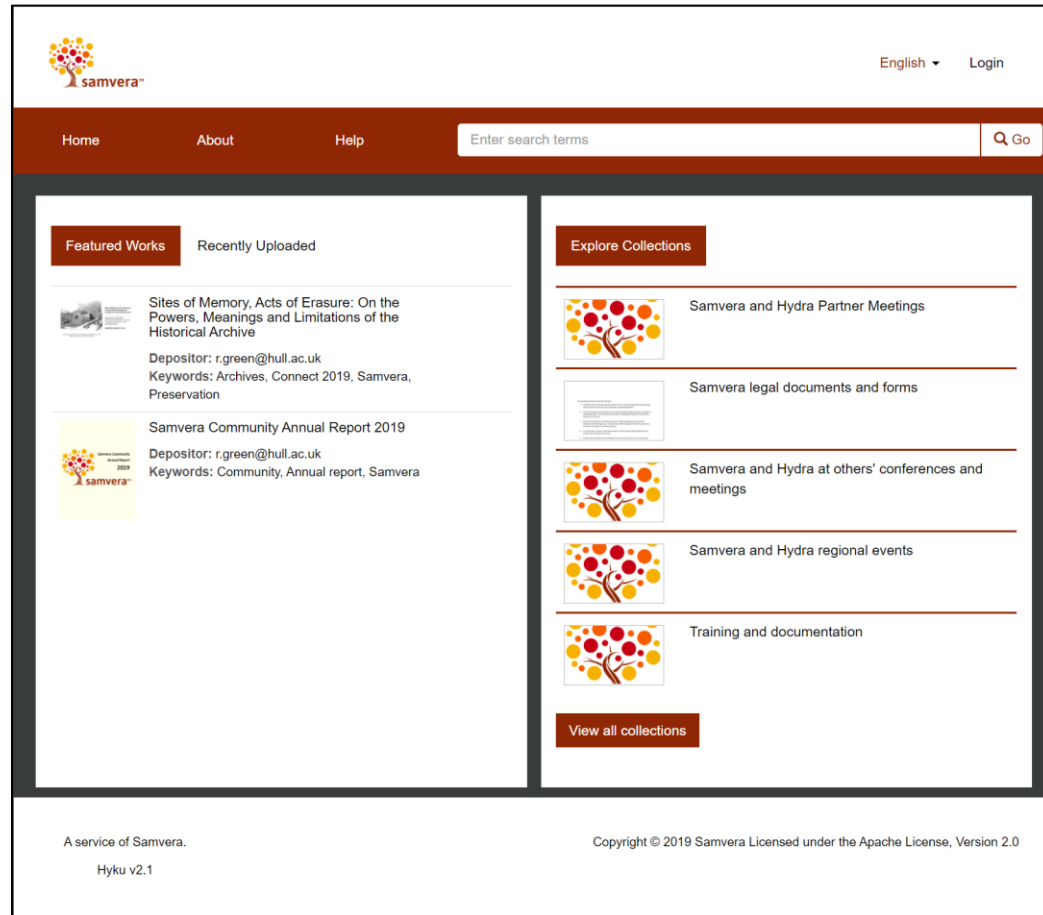
- Samvera's Hyku repository is deliberately a very “vanilla” version of the software to give an idea what you get “out of the box”. Most users, and most – if not all - service providers, have added enhancements. Don't expect to be “wowed” – that's not the point!

NB!



...by any means, but a satisfied user!

Samvera Hyku repository #1



- Home page
 - Featured/recently uploaded works. Order of featured works can be saved.
 - Featured researcher (Can be toggle off, as here).
 - Explore/view collections panel
 - Search box
 - Login
 - Etc...

Samvera Hyku repository #2



The screenshot shows the Samvera Hyku repository search results for the query 'ruggaber'. The interface includes a top navigation bar with 'Home', 'About', and 'Help' links, and a search bar containing 'ruggaber'. Below the search bar, there are filters for 'Type', 'Resource type', 'Creator', 'Keywords', 'Subject', and 'Language'. The search results are displayed in a list format, showing the title 'Supporting and Connecting Women in Technology' by Ruggaber, Robin. The results are sorted by relevance and show 10 items per page. The first result is a presentation titled 'Supporting and Connecting Women in Technology' by Ruggaber, Robin, with keywords 'Lightning talk, Connect 2019, and Samvera'. The second result is 'Working and Interest Group Updates: Day 2' by Friesen, Jeremy, Hilt, Jessica, Awre, Christopher L., Ruggaber, Robin, Kaufman, Rob, and Hardesty, Juliet L.

Limit your search

Filtering by: ruggaber x Start Over

« Previous | 1 - 10 of 28 | Next » Sort by relevance 10 per page

Supporting and Connecting Women in Technology

Creator: Ruggaber, Robin
Keywords: Lightning talk, Connect 2019, and Samvera
Subject: Samvera Community
Resource type: Presentation
Rights statement: In Copyright
License: Attribution 3.0 United States
Language: English
Owner: r.green@hull.ac.uk

Working and Interest Group Updates: Day 2

Creator: Friesen, Jeremy, Hilt, Jessica, Awre, Christopher L., Ruggaber, Robin, Kaufman, Rob, and Hardesty, Juliet L
Keywords: Permissions, Interest and Working Groups, Code of Conduct, Screencast, Marketing, Virtual

- If I search for “Ruggaber”, here I get 28 items back.

Samvera Hyku repository #3



The screenshot shows the Samvera Hyku repository search results for the query 'ruggaber'. The interface includes a top navigation bar with 'Home', 'About', and 'Help' links, and a search bar containing 'ruggaber'. On the left, there is a 'Limit your search' sidebar with filters for 'Type', 'Resource type', 'Creator', 'Keywords', 'Subject', and 'Language'. The 'Resource type' filter is expanded, showing counts for 'Other' (15), 'Presentation' (11), 'Audio' (1), and 'Poster' (1). The main content area displays two search results. The first result is 'Supporting and Connecting Women in Technology' by Ruggaber, Robin, with keywords 'Lightning talk, Connect 2019, and Samvera'. The second result is 'Working and Interest Group Updates: Day 2' by Friesen, Jeremy, Hilt, Jessica, Awre, Christopher L., Ruggaber, Robin, Kaufman, Rob, and Hardesty, Juliet L., with keywords 'Permissions, Interest and Working Groups, Code of Conduct, Screencast, Marketing, Virtual'.

- We can refine the search by selecting facets
- ...let's choose "other" from the resource types available within the 28 works

Samvera Hyku repository #4



Limit your search

Filtering by: ruggaber x Resource type > Other x Start Over

« Previous | 1 - 10 of 15 | Next » Sort by relevance 10 per page

Samvera orientation workshop

Creator: Sadler, Bess, Bussey, Mark, and Ruggaber, Robin

Keywords: Community, Workshop, Architecture, Samvera, and Connect 2017

Subject: Samvera Community

Resource type: Other

Rights statement: In Copyright

License: Creative Commons BY Attribution 4.0 International

Language: English

Owner: r.green@hull.ac.uk

Hydra for Managers Workshop

Creator: Awre, Christopher L., Ruggaber, Robin, and Cariani, Karen

Keywords: Collaboration, Community, Hydra, Open Repositories

- So now we have just the 15 “other” works
- ...and I can add further filters using the facets (or take away one(s) that I already have)

Samvera Hyku repository #5



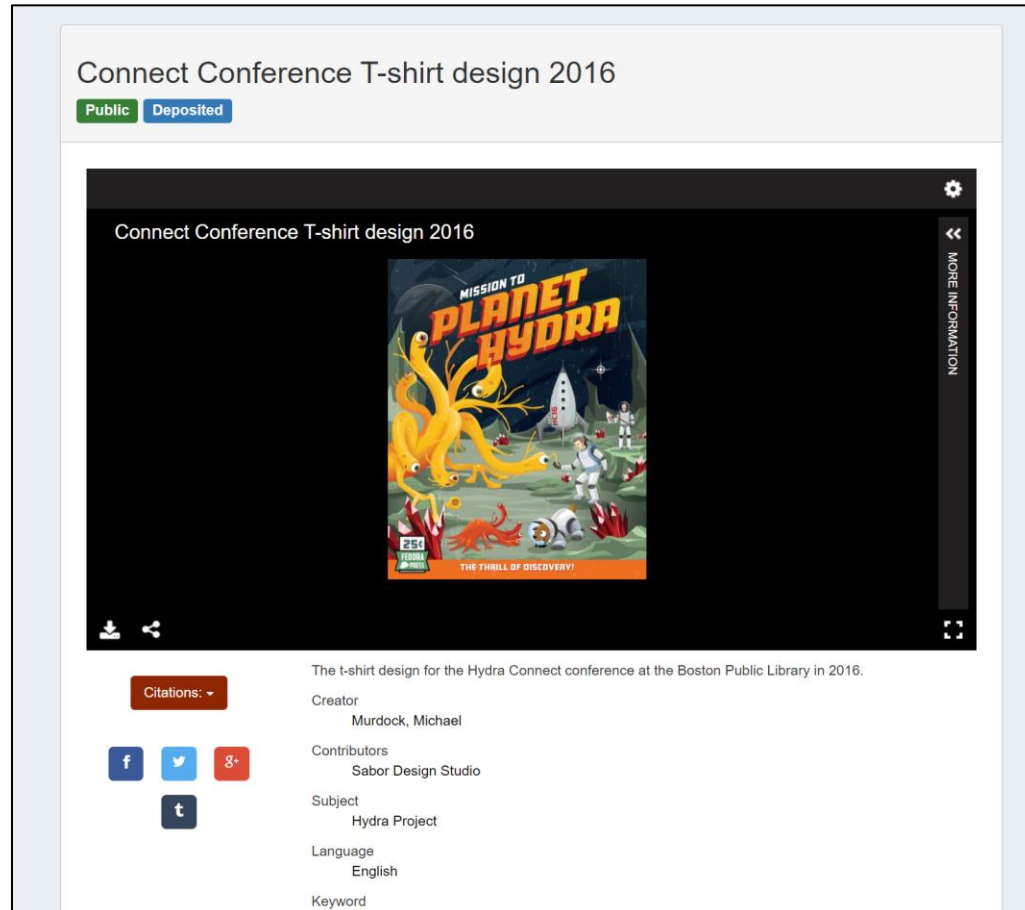
The screenshot shows the Samvera Hyku repository interface. At the top is a navigation bar with links for Home, About, and Help, and a search bar. Below the navigation bar is a breadcrumb trail: Home / Back to search results. The main content area is titled 'Work' and displays the details for a specific work: 'Samvera Virtual Connect 2020: Program'. The work is marked as 'Public' and 'Deposited'. The description states: 'The program, with abstracts and linked slides, for Samvera Virtual Connect 2020, held 14-15 May.' The metadata section lists the following information:

- Creator: Schober, David
- Subject: Samvera Community
- Language: English
- Keyword: Community, Virtual Connect 2020, Samvera
- Date created: 05/2020
- Resource type: Other
- Rights statement: <http://rightsstatements.org/vocab/InC/1.0/>
- License: Creative Commons BY Attribution 4.0 International

Below the metadata, there is a 'Download PDF' button and a 'Citations' dropdown menu. At the bottom of the work page are social media sharing icons for Facebook, Twitter, Google+, and Tumblr.

- I've selected one from further down that page.
- Look at the metadata: it says nothing about "Ruggaber"!
- Hyku indexes texts as they are uploaded and Robin is mentioned in this document.

Samvera Hyku repository #6



- ...that was a “generic work”, this one is an image.
- Displayed in Universal Viewer for pan and zoom etc. and “pop out” full screen.
- Multiple images in a work can be scrolled through the viewer.

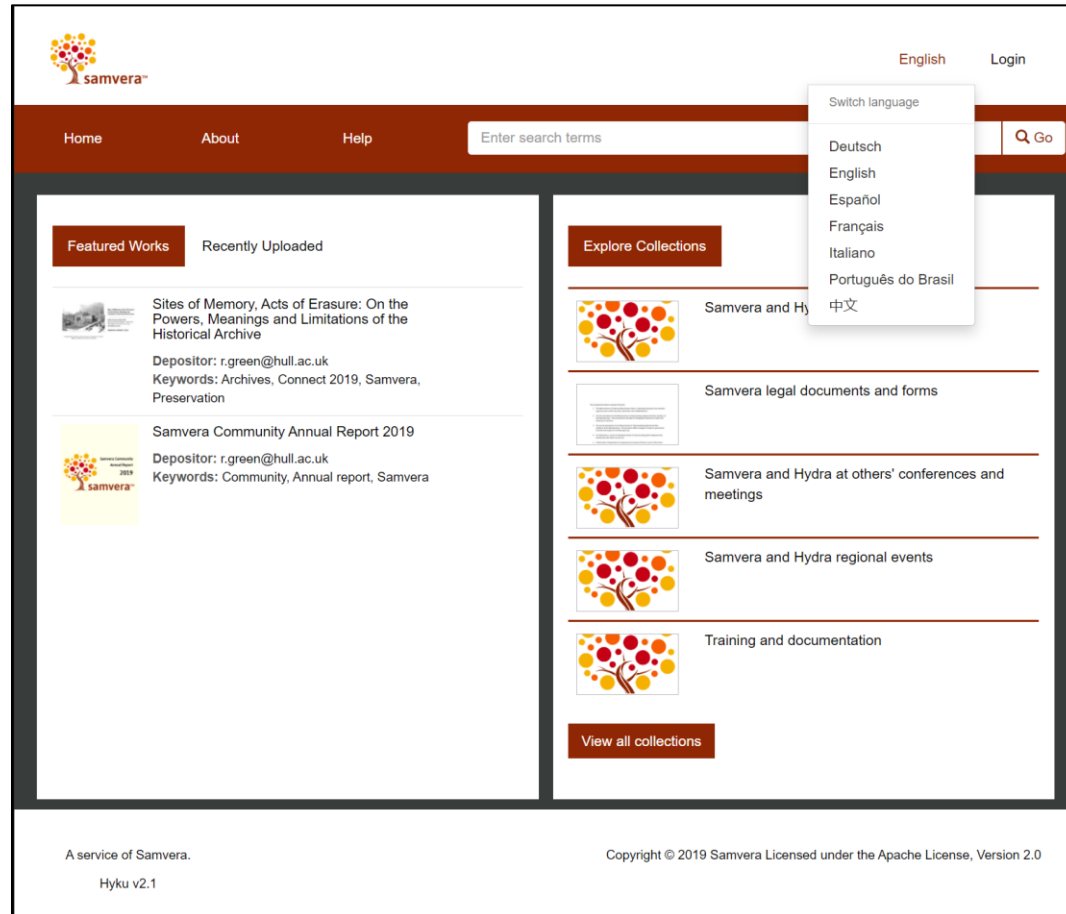
Samvera Hyku repository #7



Samvera Hyku repository search results page. The page shows a search for 'Image' in 'Latin' language, resulting in one entry: 'Connect Conference T-shirt design 2019'. The entry details include Creator: Murdock, Michael; Keywords: T-shirt design, Connect 2019, and Samvera; Subject: Samvera Community; Resource type: Image; Rights statement: In Copyright; License: Creative Commons BY Attribution 4.0 International; Language: Latin; Owner: r.green@hull.ac.uk. The page also includes a sidebar with search filters and a footer with copyright information.

- Couldn't resist putting in the one “non-English” item in the repository.
- Seek it out!

Samvera Hyku repository #8



- Talking of language...
- The interface can be displayed in several languages.

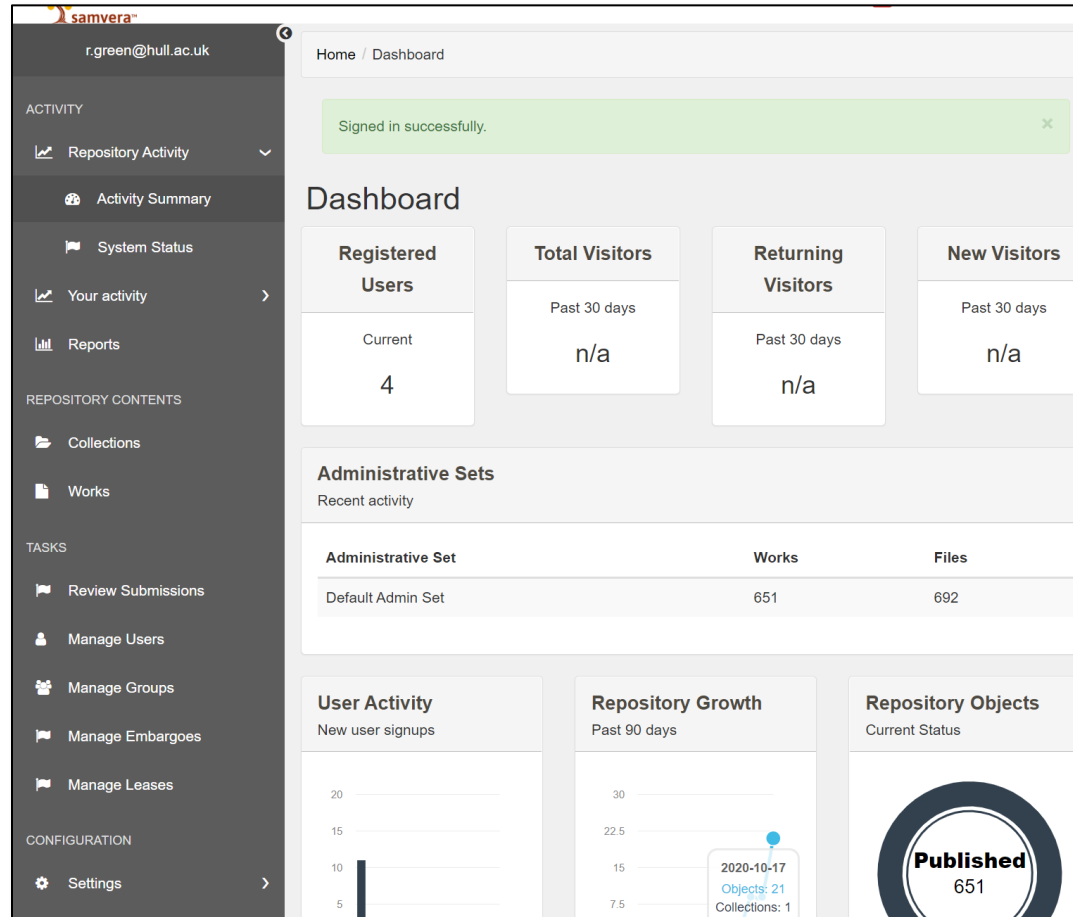
Samvera Hyku repository #9



The screenshot shows the Samvera Hyku repository's sign-in interface. At the top, there's a header with the Samvera logo, a language dropdown set to 'English', and a 'Login' link. Below this is a navigation bar with 'Home', 'About', and 'Help' links, and a search bar with the placeholder 'Enter search terms' and a 'Go' button. The main content area is titled 'Sign in' and contains a form with two input fields: 'Email address' (containing 'someone@somewhere.edu') and 'Password' (masked with dots). Below the password field is a 'Remember me' checkbox. A 'Sign in' button is positioned below the form. At the bottom of the sign-in section are links for 'Sign up' and 'Forgot your password?'. The footer contains the text 'A service of Samvera.', 'Hyku v2.1', and 'Copyright © 2019 Samvera Licensed under the Apache License, Version 2.0'.

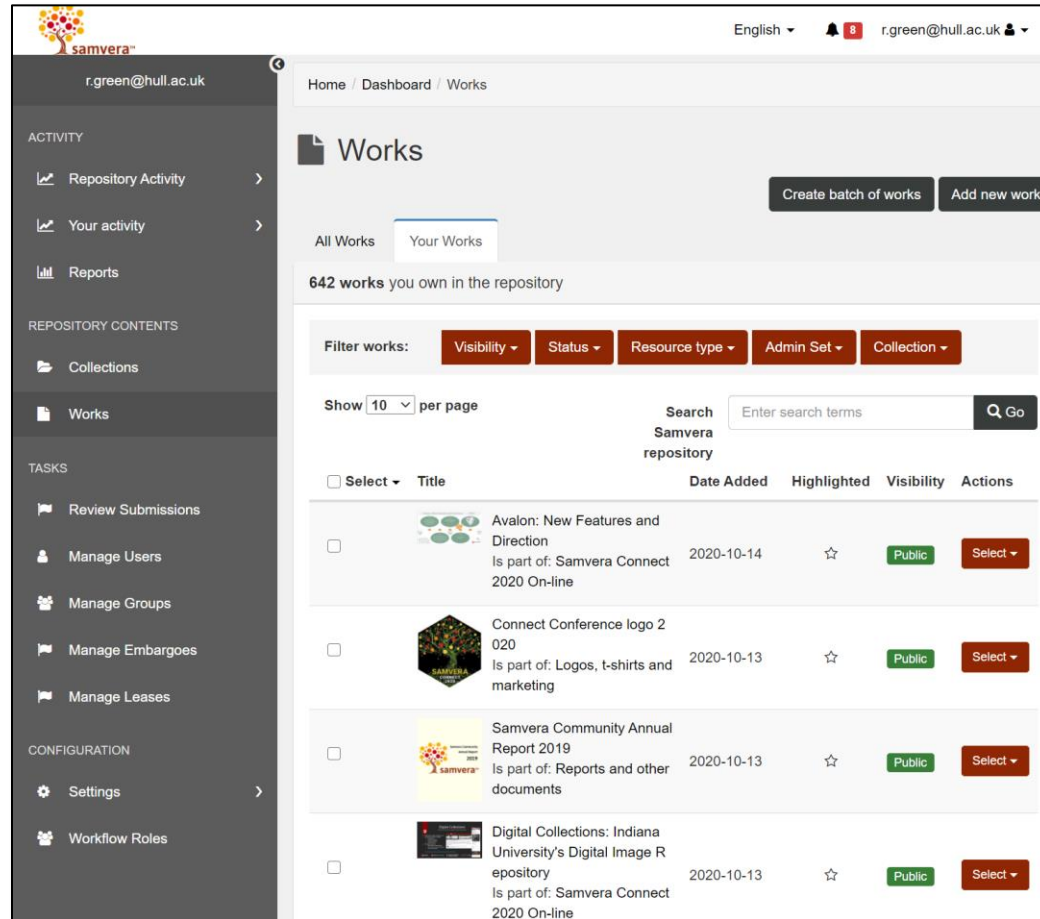
- Let's look at the admin side of things.
- In our case, it's a local log-in.

Samvera Hyku repository #10



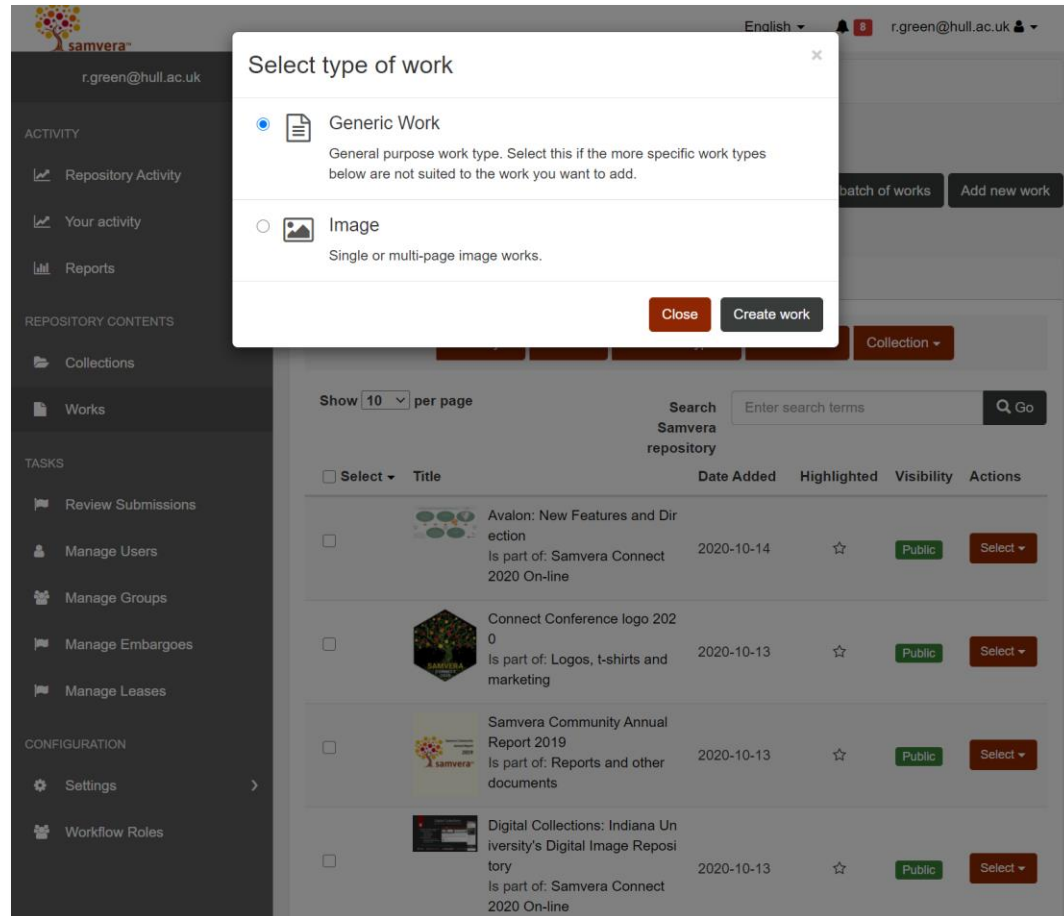
- First thing that comes up is a dashboard.
- (Ours isn't recording user activity...)

Samvera Hyku repository #11



- If I select “Works” from the menu at the left, I get a list of the works that I deposited.
- I can select “All works” and see those from other depositors too, even though I may not be able to edit them (permissions dependent).
- Select button gives Edit/Delete/Highlight on profile/Transfer ownership

Samvera Hyku repository #12



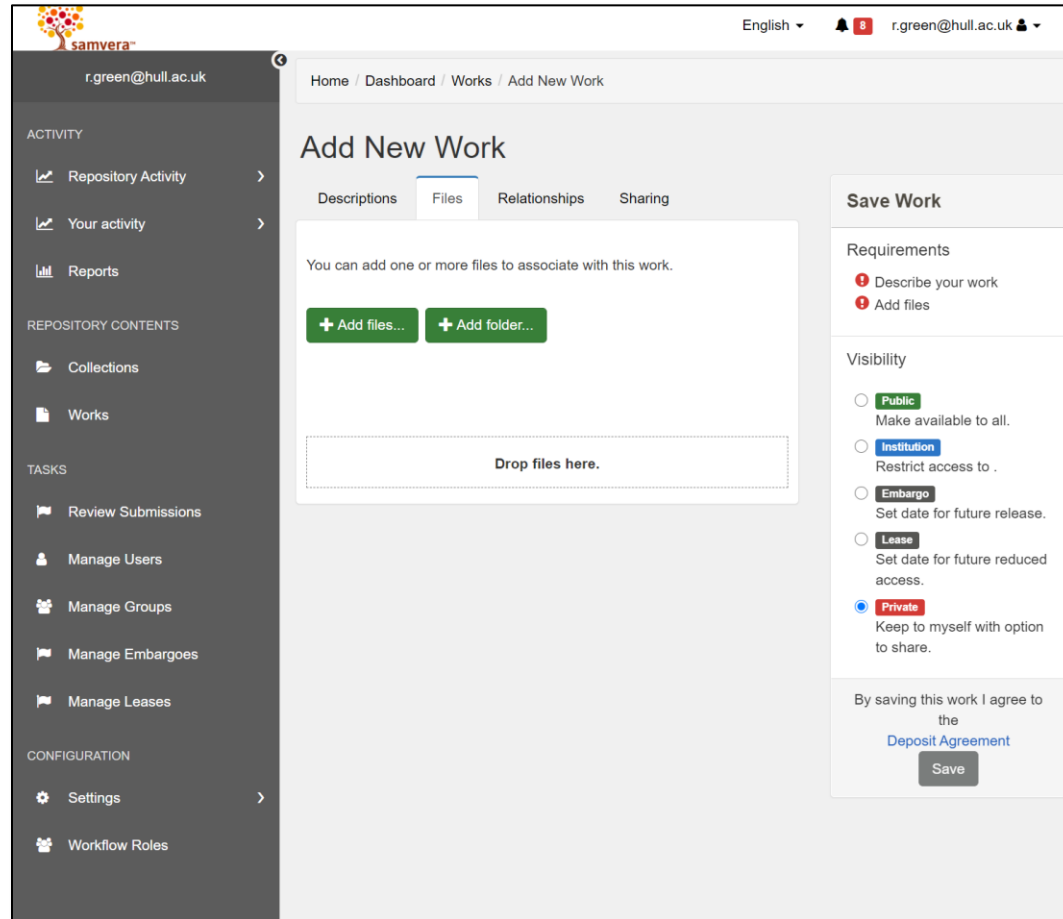
- If I go to “Add new work” I get a choice of types which determine metadata fields etc.
- The list presented is determined by one of the “Settings” (below left).
- Works can be created in batches – same basic metadata for multiple files – one new work created per file.

Samvera Hyku repository #13



- I'm presented with four tabs and a set of save options.
- This is the the basic metadata entry page

Samvera Hyku repository #14



- Here the “Files” tab.
- Files can be uploaded by browsing the local machine – one by one or by folder
- ...or by ‘drag and drop’

Samvera Hyku repository #15



- Many people will organize their works in collections (think folders)
- Collections are created in a similar way and can be nested.
- Works can be in one or more collections.

Samvera Hyku repository #16



The screenshot displays the 'Add New Work' interface in the Samvera Hyku repository. The 'Sharing' tab is active, showing options to share the work with groups or users. The 'Add group' section includes a dropdown for 'Select a group', a 'Choose Access' dropdown, and an 'Add' button. The 'Add user' section includes a 'Search for a user' input field, a 'Choose Access' dropdown, and an 'Add' button. Below these, the 'Currently Shared With' section shows a list of users, with 'Depositor (r.green@hull.ac.uk)' listed. On the right, the 'Save Work' section contains 'Requirements' (Describe your work, Add files) and 'Visibility' options (Public, Institution, Embargo, Lease, Private). The 'Private' option is selected. At the bottom, there is a 'By saving this work I agree to the Deposit Agreement' checkbox and a 'Save' button.

- The “Sharing” tab allows a worked to be shared with individuals or groups and determines their access level (either “view/download” or “edit”).

Samvera Hyku repository #17



Save Work

Requirements

- Describe your work
- Add files

Visibility

☐ Public
Make available to all.

☐ Institution
Restrict access to .

☒ Embargo
Set date for future release.
Restrict to
until
then open
it up to

☐ Lease
Set date for future reduced access.

☐ Private
Keep to myself with option to share.

Save Work

Requirements

- Describe your work
- Add files

Visibility

☐ Public
Make available to all.

☐ Institution
Restrict access to .

☐ Embargo
Set date for future release.

☒ Lease
Set date for future reduced access.
Is available to
until
then restrict it to

☐ Private
Keep to myself with option to share.

- The “Save Work” panel allows leases and embargoes.
- Users can also be forced explicitly to agree to a deposit agreement.
- Save is not allowed until several required metadata fields are populated and there is at least one file.

Samvera Hyku repository #18



CONFIGURATION

- Settings
- Contact
- Labels
- Appearance
- Collection Types
- Pages
- Content Blocks
- Features
- Available Work Types

Home / Dashboard / Configuration / Appearance

Appearance

Logo Banner Image Directory Image Default Images Colors Fonts Custom CSS

Logo image **required**

To use an image as the logo, you should use an image (JPG, GIF or PNG) wider than 400 pixels wide.

Choose File No file chosen

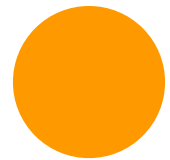
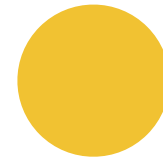
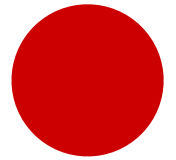
Features

Feature	Description	Action
enabled Proxy deposit	Depositors may designate proxies to deposit works on their behalf	on off
enabled Transfer works	Depositors may transfer their works to another user	on off
enabled Assign admin set	Ability to assign uploaded items to an admin set	on off
enabled Show deposit agreement	Show a deposit agreement to users creating works	on off
disabled Active deposit agreement acceptance	Require an active acceptance of the deposit agreement by checking a checkbox	on off
enabled Batch upload	Enable uploading batches of works	on off
disabled Analytics redesign	Display new reporting features. "Very Experimental"	on off
disabled Hide private items	Do not show the private items.	on off
enabled Hide users list	Do not show users list unless user has authenticated.	on off
disabled Show featured researcher	Shows the Featured Researcher tab on the homepage.	on off
disabled Show share button	Hides the 'Share Your Work' button on the homepage.	on off

The “Settings” option allows all sorts of local configuration without resort to code.

Next Up:

Why Samvera?





Why Samvera?

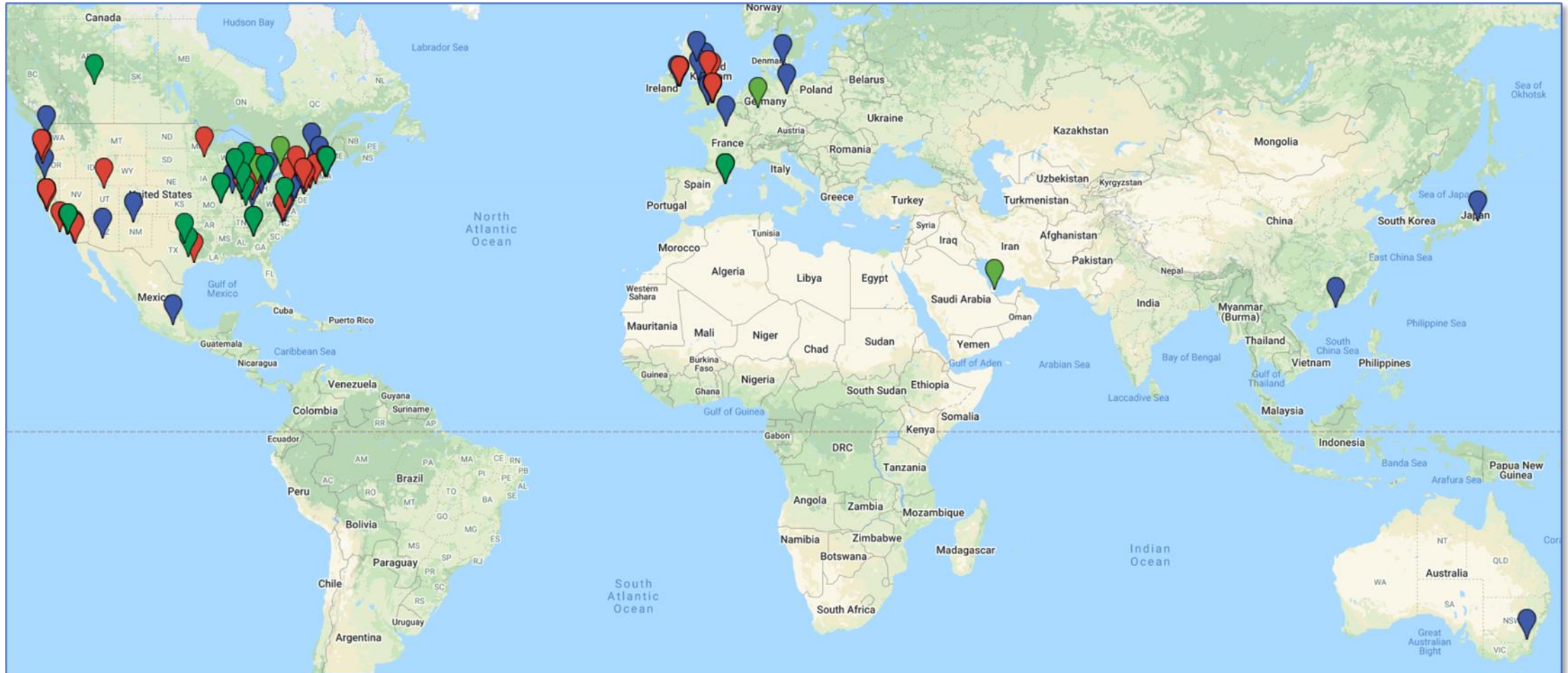
- Be part of a community
 - Shared resources, shared risk, shared advances
- The whole (we) is greater than its parts (each of us)
 - Especially in this crowd
- Need a flexible, rich, robust repository solution
- Control your own destiny
- Build institutional capacity



Community Sustainability...

- Core Purpose- We believe it is possible to provide and evolve solutions which reduce cost and risk in stewardship of digital assets for access and preservation.
- Partners - The whole is greater than the sum of its parts - partners join equally to share the load for mutual gain and greater good.
- Flexible Change with Steady Growth

A World Wide Presence



If you want to go far, go together!

Something for Everyone...

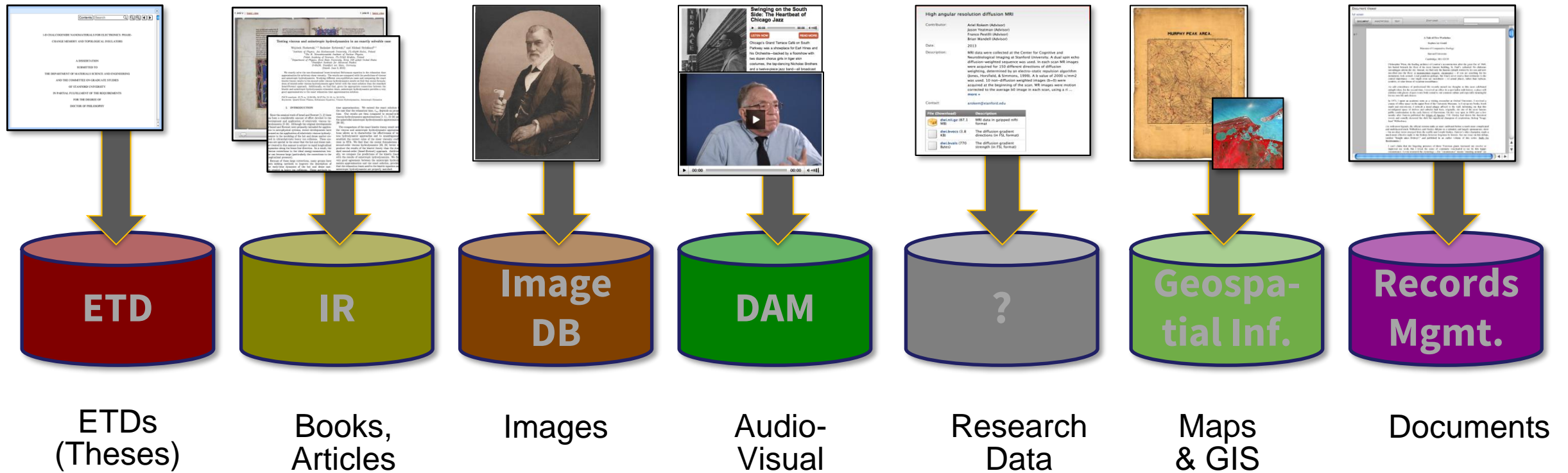
- Software Developers
- Code Committers
- Metadata Specialists
- User Experience (UX) Experts
- User Interface (UI) Designers
- Project, Service, & Repository Managers
- Communication Experts
- Senior Management



Solution Sustainability...

- Improved Architecture
- Protecting the partner & funders' investment - together build, leverage & evolve
- Managed and Maintained Codebase
- Security & Backward Compatibility
- Organization & Governance
- Adopt best practices

Point Solution Approach - Welcome to Siloville



Management

Access

Preservation?

Effective?

Sustainable?

Repository Powered Approach

ETDs
(Theses)

Books,
Articles

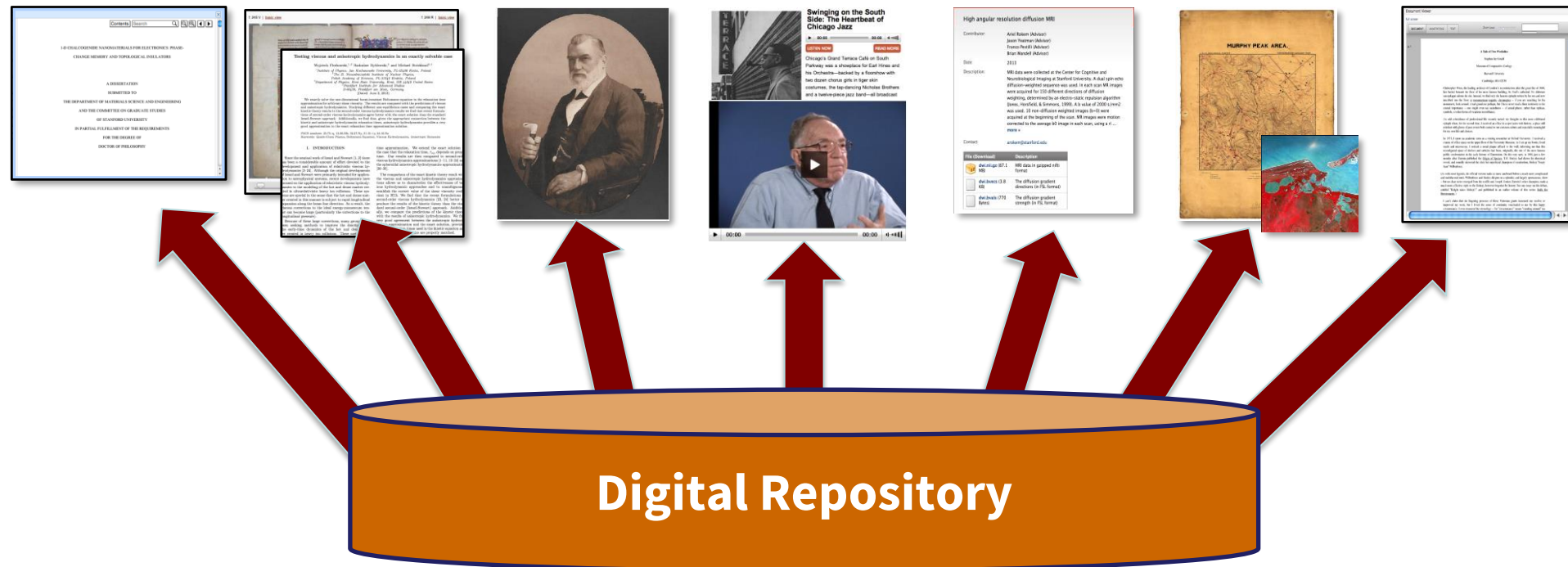
Images

Audio-Visual

Research
Data

Maps
& GIS

Documents



Scalable, Robust, Shared
Management
and Preservation Services

If you want to go far, go together!

Code Viability Snapshot



- Samvera
 - ~1.43M Lines of code
 - 48,892 Commits
 - 387 Contributors
- Samvera Lab – R&D
 - 28,796
 - 2,454
 - 76
- It's About the People 32 partners, 50 adopters, 20 Avalon adopters, 5 service providers, and more



Resource Sustainability

- New Approach for Cross Training
- Reducing Turnover Impact
- Time - If you want to go fast

~~...go alone.~~

...use Samvera



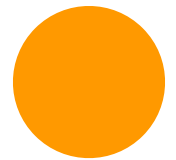
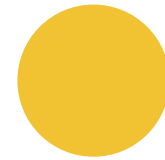
Control the Runway

- Governance Involvement
- Access to Source Code
- Time - If you want to go fast

~~...go alone.~~
...use Samvera

Next Up:

Where to Start? ●



What do I do back home?



Community Resources

- **Website** - Introduction to the community: <https://samvera.org>
- **Wiki** - Broad range of information types: <https://samvera.org/wiki>
- **Github** - Code, code wikis, technical details:
 - <https://github.com/samvera>
 - <https://github.com/samvera-labs>
 - <https://github.com/samvera-deprecated>



Community Resources #2

- **Repository** – Presentations, documents, images, video etc
 - <https://repo.samvera.org>
- **YouTube channels** – presentations, training videos etc
 - Samvera Community -
<https://www.youtube.com/channel/UCtOG8TmOIFauObaNc14VnPQ>
 - Samvera Hyku -
https://www.youtube.com/channel/UC_m1Ovaaasa2ksyGaqz5i0Q



Try it out

- Code & Docs: <https://github.com/samvera>
- Demo Sites:
<https://tenejo.curationexperts.com/>
- Ask other partners for demos!
<https://wiki.duraspace.org/display/samvera/Partners+and+Implementations>



Get Involved: Many Hands Make Light Work

- Getting involved with Samvera can be at different levels:
 - Adopter
 - Developer
 - Partner
- Need to ask:
 - What involvement is required to enable you to meet your needs?
- But also,
 - If we contribute back, what more do we gain?

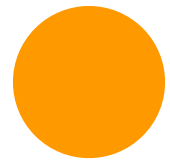
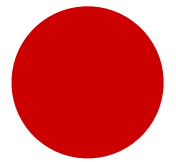


Training & Connecting

- **Good**: read the documentation and learn-by-doing
- **Better**: connect through social channels
 - Email lists, Slack, weekly phone calls
 - Github interactions
- **Best**: meet in person. Face time fuels collaboration!
 - Virtual Samvera Connect: annual, worldwide, community meeting
 - Samvera Connect: annual, worldwide, community meeting
 - Samvera (Partner) meetings: 2 ad topic-based meetings per year
 - Regional Groups: convening ad hoc

Next Up:

Enrolling Others



The Elevator Pitch? Who's Riding?



- UL/Dean or CIO? Resources and Risk - doing more with less while control the runway, maturity
- Content Specialists? Flexibility and Risk- reducing barriers to effective asset management & preservation
- Management - The Churn - Architecture, flexibility, evolution in a vibrant community, staffing impact
- Developers, PMs, DevOPs, -Connection, Time, Training, Visibility - It's a Family Affair and you are not alone

Questions



samvera-community@googlegroups.com
samvera-tech@googlegroups.com

Thank you

r.green@hull.ac.uk
robin.ruggaber@virginia.edu