



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!



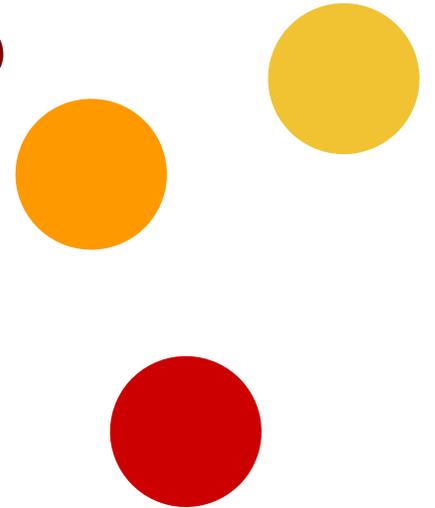
What we'll cover

- 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

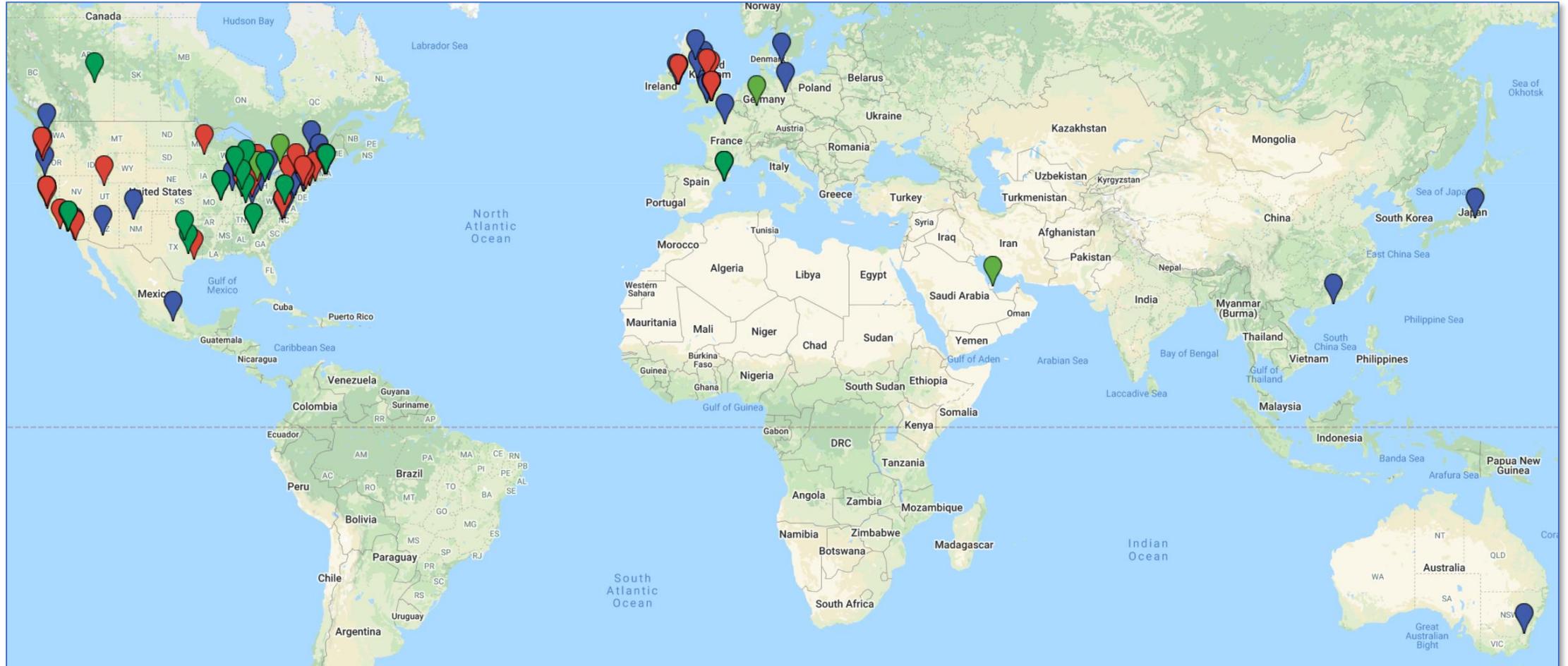
The Community overview



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

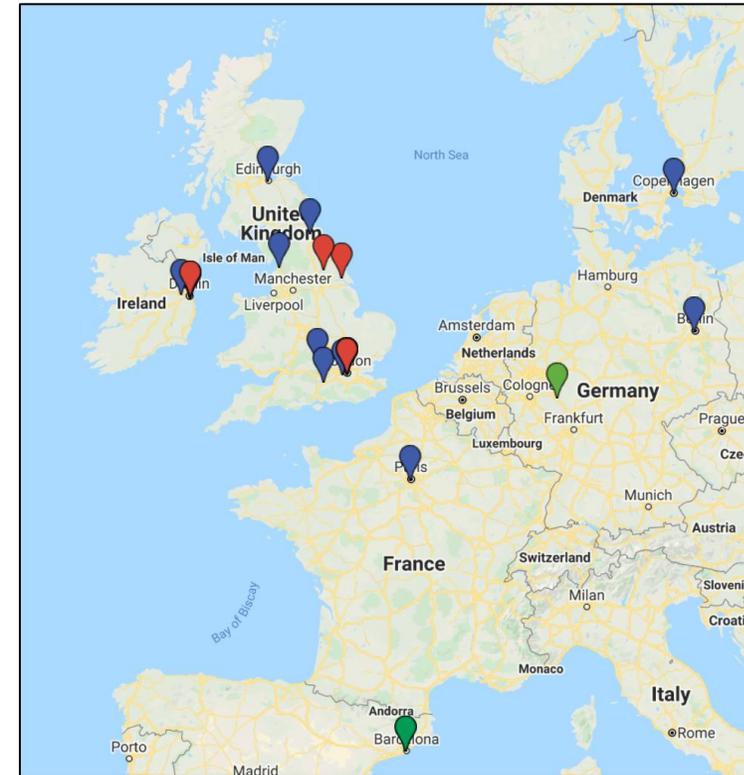
(photo Washington University in St Louis)

A World Wide Presence



If you want to go far, go together!

A World Wide Presence



...North America and Europe at larger scale

If you want to go far, go together!



Community Structure

- ❖ **Steering Group** (elected by and from Partners)
Stewards of the project - individual membership
- ❖ **Partners** (Institutional)
Formally committed institutional membership
- ❖ **Working & Interest Groups**
Typically 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



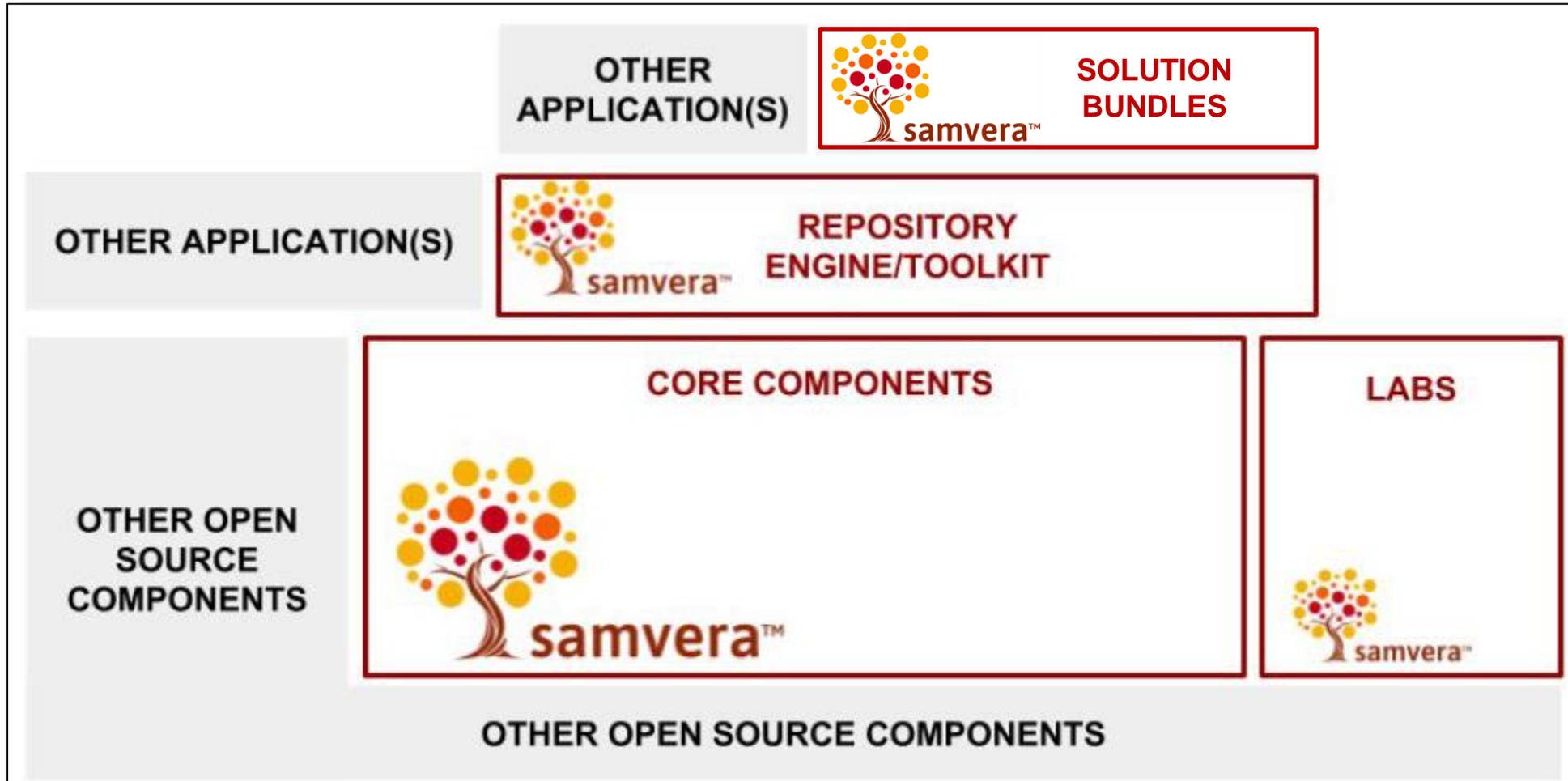
Used by:

- 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

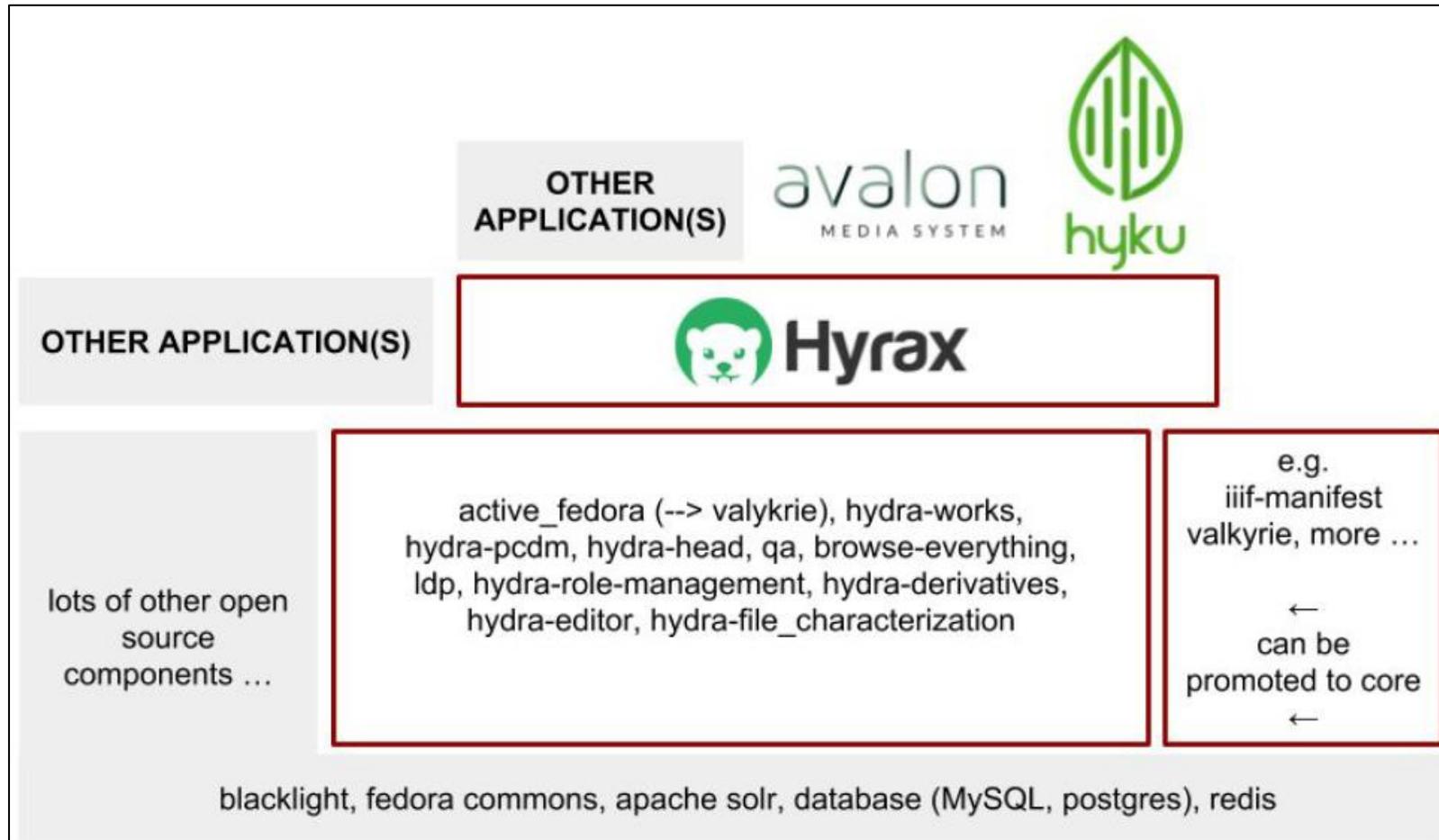


Based on: The anatomy of a Samvera application

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

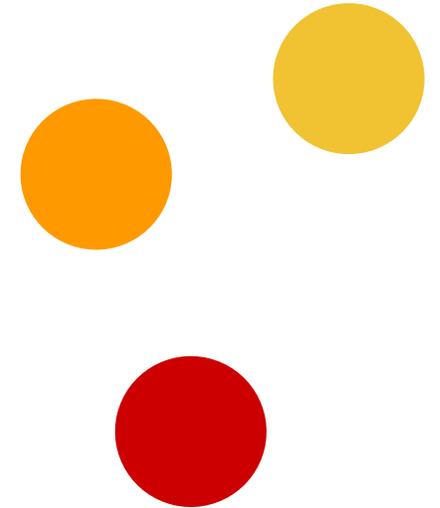


[This Photo](#) by Unknown Author is licensed under [CC BY-SA-NC](#)

- - 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 LYRISIS 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 LYRISIS, 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

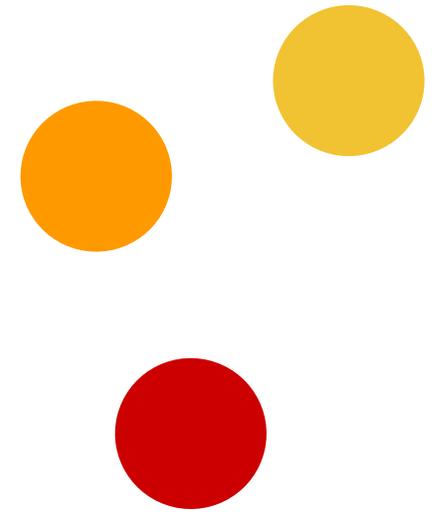
- **Slack** - for real-time interaction
- **E-mail** - for asynch and longer discussions
- **Community Calls** - Samvera Tech & Community calls, Virtual Connect
- **In Person** - Connect, regional meetings, other conferences, & workshops



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

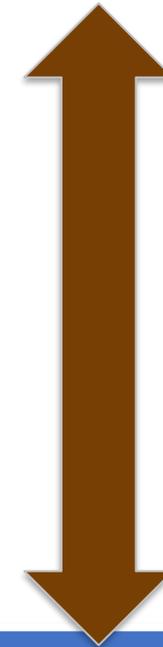


The Stack : foundational elements

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

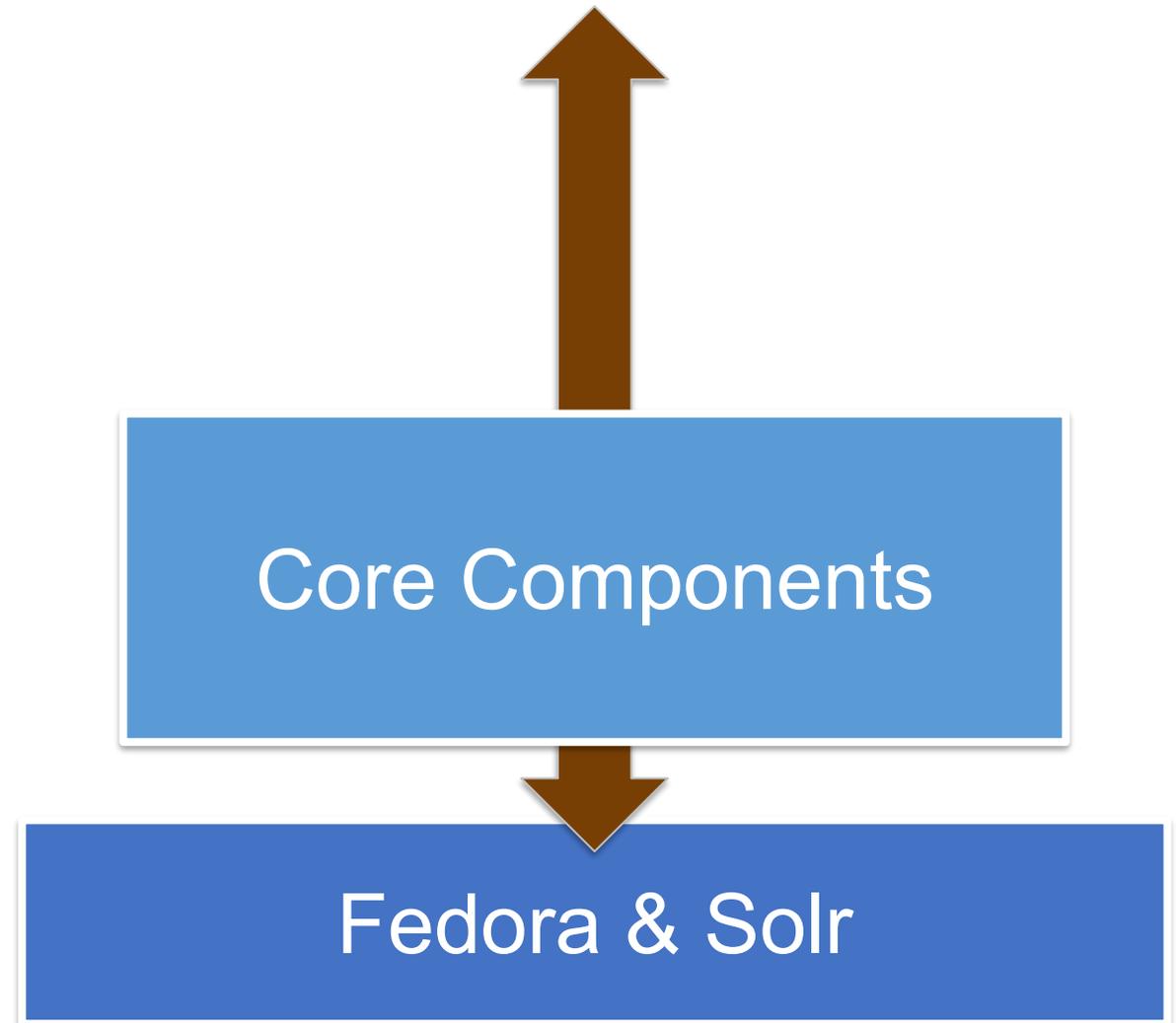


**Fedora & Solr
and – soon- Valkyrie**
(PostgreSQL, Fedora, Solr, disk, memory)



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.



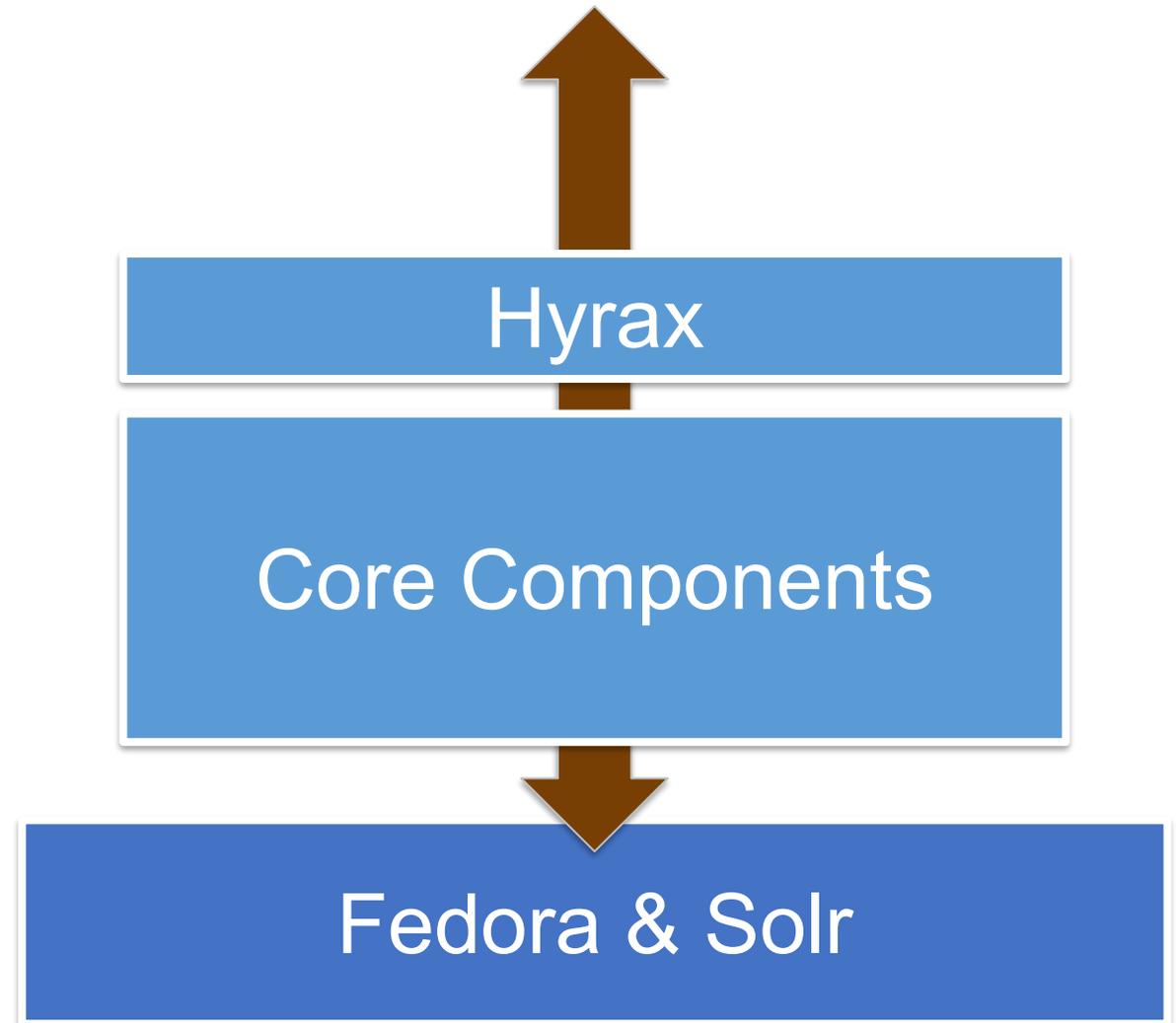


The Stack : Hyrax

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!



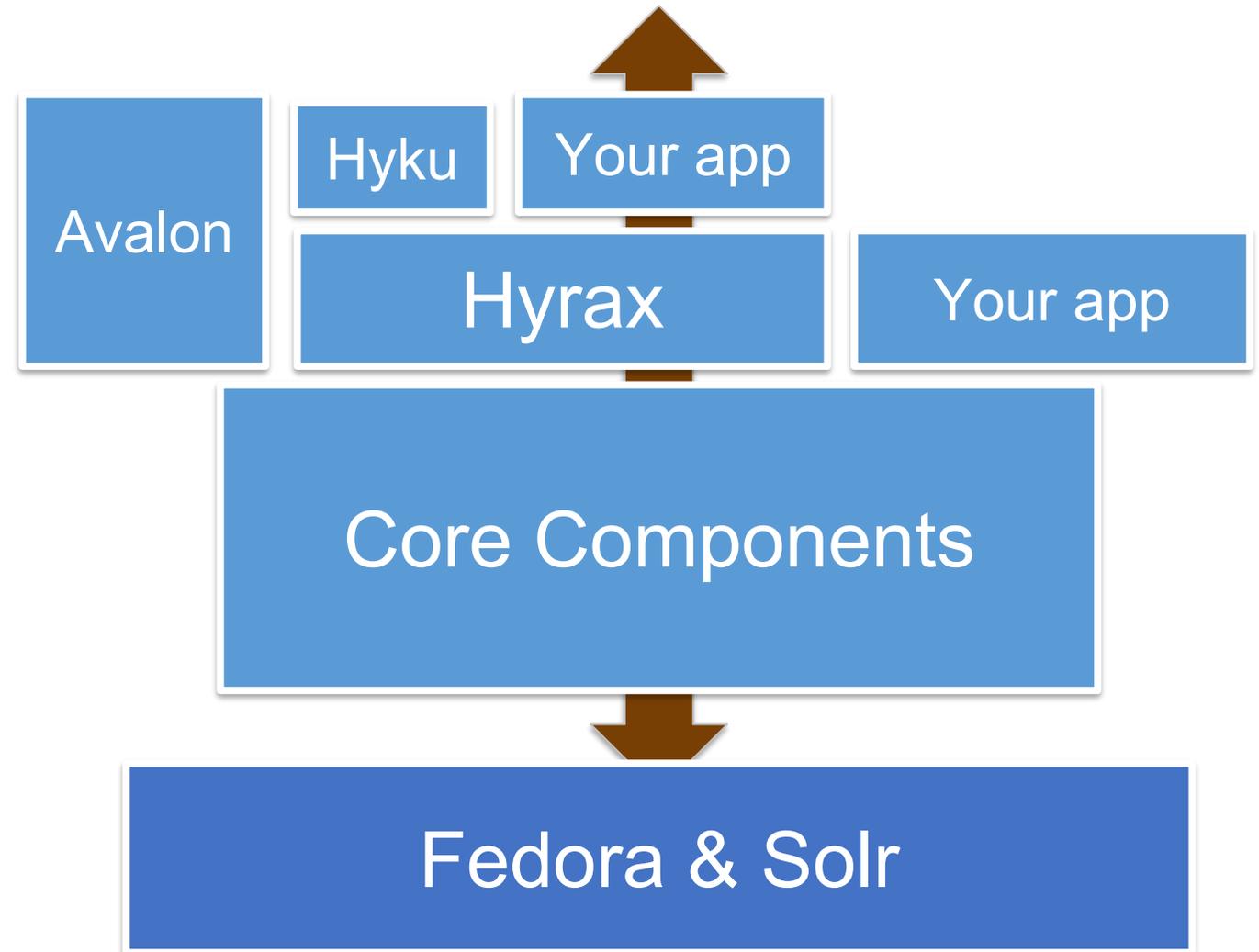


The Stack : you

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

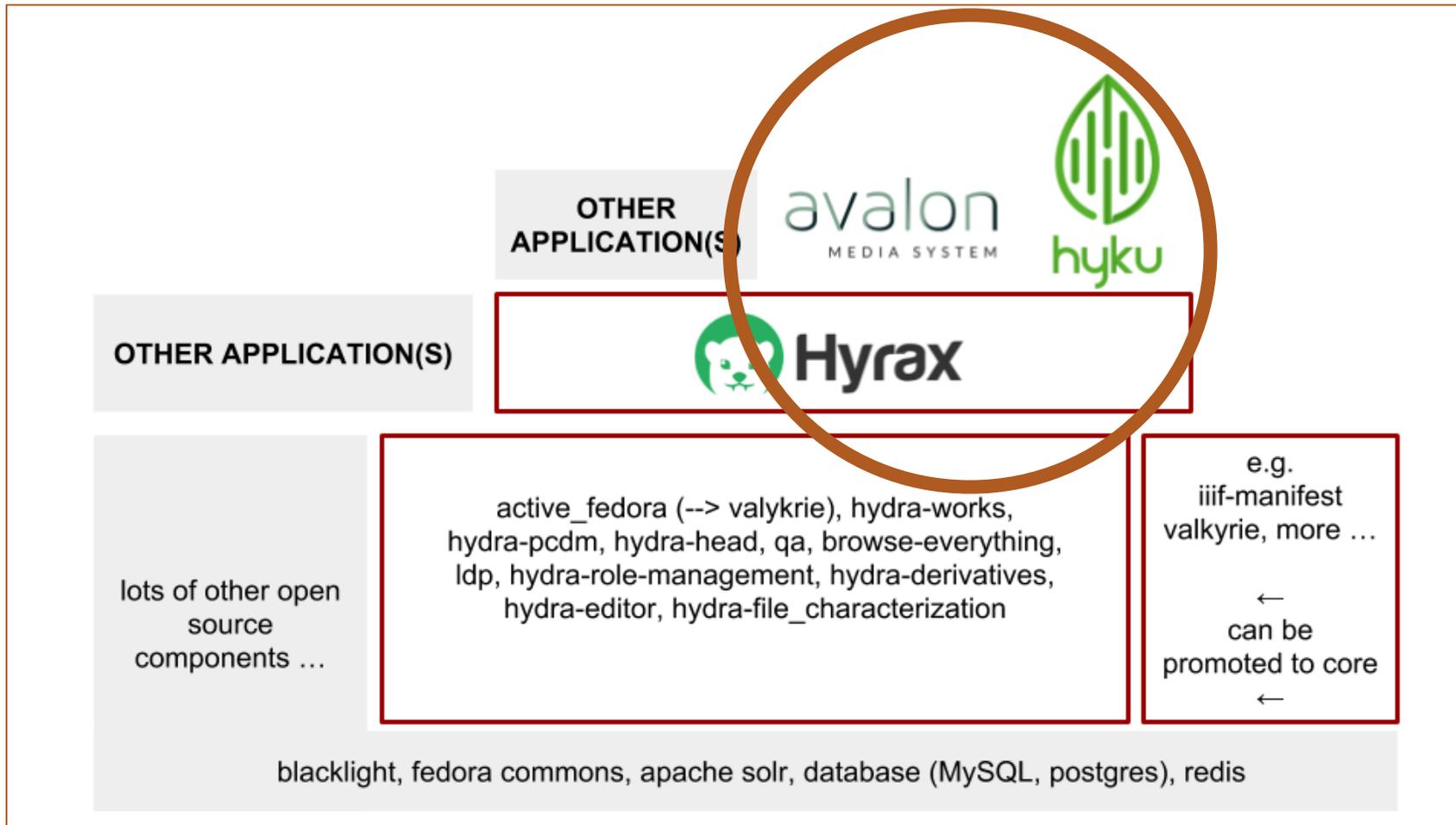


Take home messages

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



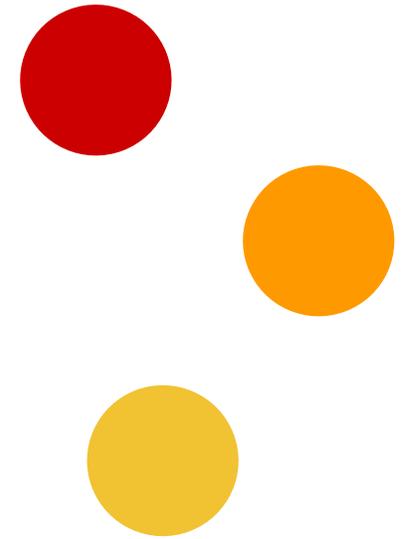
Remember this diagram?

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?

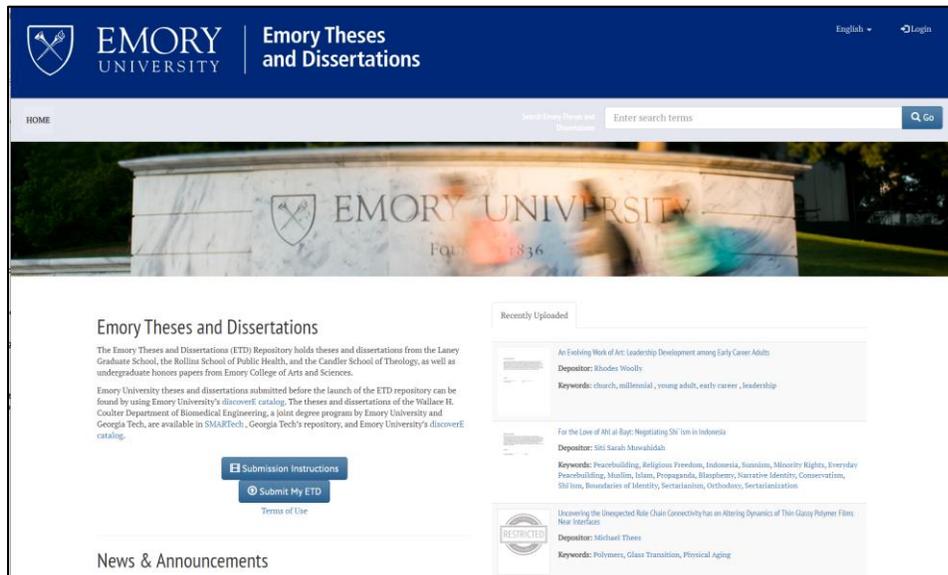


What this is about

- 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



A screenshot of the MDR (Materials Data Repository) website. The header includes the MDR logo and navigation links (Home, About, Help, Contact, Login). Below the header is a search bar with the text "Search MDR" and "Enter search terms". The main content area features three large icons representing publications, datasets, and collections, each with a corresponding "BROWSE ALL" button. Below this is a "Featured Works" section with the text "No works have been featured". The "Recently Uploaded" section displays three items with titles and depositor names: "Conduction band caused by oxygen vacancies in aluminum oxide for..." (depositor: HARADA Yoshitomo), "Liquid electrolyte informatics using an exhaustive search with linear..." (depositor: SODEYAMA Keitaro), and "A Possible Magnetic Structure of the Cluster-Based Haldane Compound..." (depositor: HASE Masashi). At the bottom is a "News" section with a list of recent updates.

- 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

The King's Fund Digital Archive

English Login

HOME ABOUT HELP CONTACT

Search The King's Fund Digital Archive Enter search terms Go

This website allows you to search the full text of a huge range of The King's Fund publications and documents from 1898 onwards.

More than 1,000 documents have been digitised so far, giving you access to archive-quality scans and searchable electronic text of every page. You can explore these documents on this website, download them for your own use and embed them on your own website.

Five essays on emergency pathways : a study of acute admissions to London hospitals

In 1992 the King's Fund Commission published a report 'London health care 2010 : changing the future of services in the capital'. This report was unable to describe in any detail the actual delivery of acute medical care in London. This required a more indepth study of care based on ...

Please note, this archive contains only publications by The King's Fund. If you wish to access The King's Fund's library of health policy and the management of health and social care please use our [library database](#).

Tweets by @kingfund_lib

K The King's Fund Library @kingfund_lib
Policy alert: The long shadow of deprivation: differences in opportunities across England @SMACommission [kingfund.bloggs.com/health_managem...](#)

K The King's Fund Library @kingfund_lib
Policy alert: #Sugar reduction: report on progress between 2015 and 2019 @PHRE_uk [kingfund.bloggs.com/health_managem...](#)

Embed View on Twitter

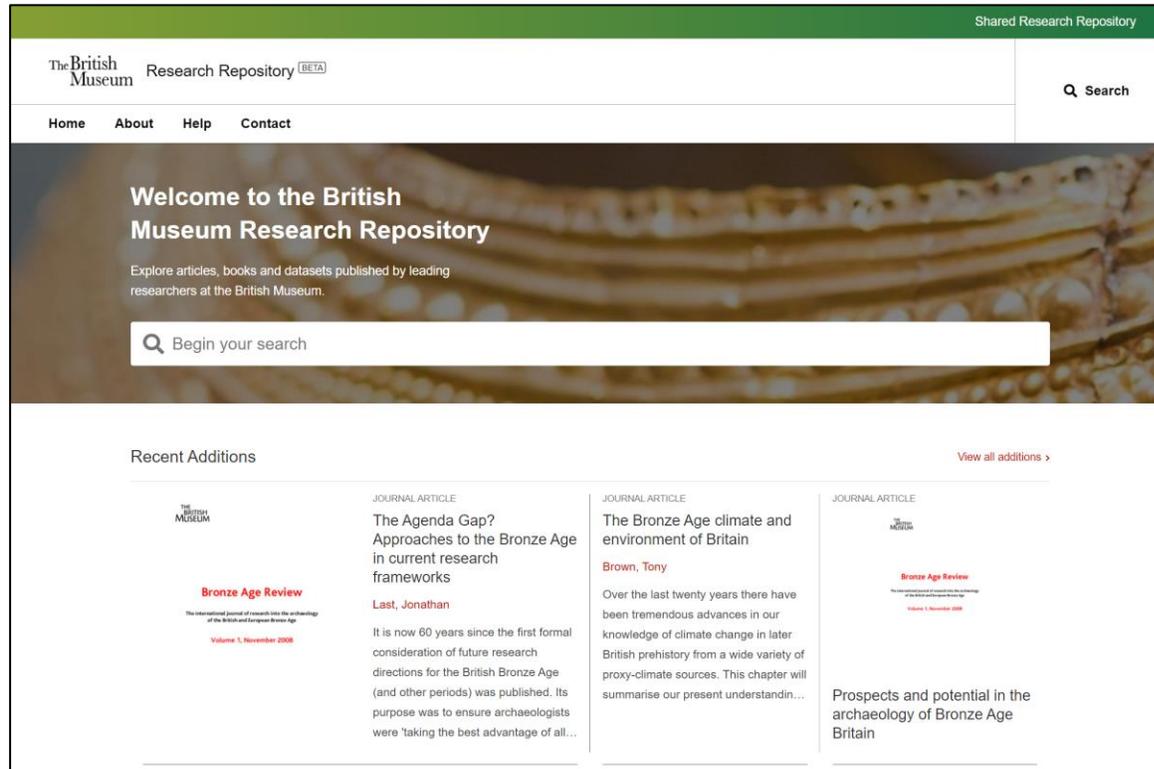
A service of Samvera. Copyright © 2017 Samvera Licensed under the Apache License, Version 2.0

- Running on Hyku software
- Digitised publications by the King's Fund
- Heavy use of IIF 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

The screenshot shows the Indiana University Media Collections Online website. The header includes the IU logo, 'INDIANA UNIVERSITY', 'Media Collections Online', and navigation links for 'Browse Items' and 'View Collections'. A search bar is present. The main content area features a 'Browse By' sidebar with filters for Format (Moving Image: 4,782; Sound Recording: 2,684), Main contributor, Date, Genres, Collection, Unit, and Language. The main content area displays three featured collections: 'Featured Film' (NY World's Fair Home Movies 1964-1965), 'Featured Film Collection' (Indiana University Libraries Moving Image Archive), and 'Featured Audio Collection' (The Indiana School of the Sky). A central text box provides information about the Media Collections Online service and includes a list of instructions: 'Use the search box, browse, or view the collections listing to discover content.', 'Some content is only available when you sign in with your username and passphrase.', 'Sign in to Canvas to access course materials.', and 'Media Collections Online now includes items digitized as part of the IU Media Digitization and Preservation Initiative (MDPI)'. A footer banner reads 'CELEBRATING 200 YEARS' and includes the 'avalon MEDIA SYSTEM' logo. The bottom of the page features the IU logo, 'INDIANA UNIVERSITY', and a copyright notice: 'Accessibility | Privacy Notice | Copyright © 2020 The Trustees of Indiana University'.

- 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.iro.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](#)



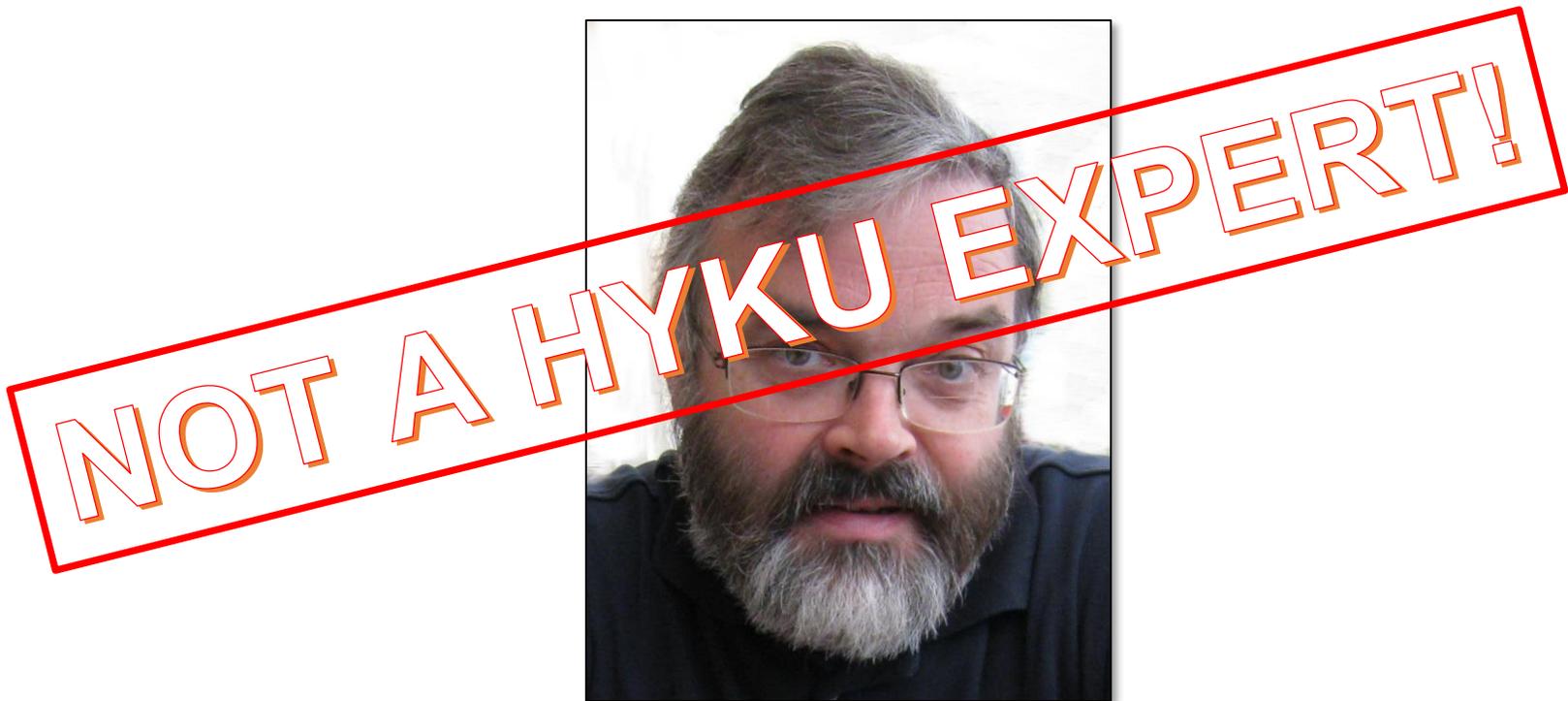
A run around a Hyku

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



English ▾ Login

Home About Help Enter search terms Q Go

Featured Works Recently Uploaded

Explore Collections

Sites of Memory, Acts of Erasure: On the Powers, Meanings and Limitations of the Historical Archive
Depositor: r.green@hull.ac.uk
Keywords: Archives, Connect 2019, Samvera, Preservation

Samvera Community Annual Report 2019
Depositor: r.green@hull.ac.uk
Keywords: Community, Annual report, Samvera

Samvera and Hydra Partner Meetings

Samvera legal documents and forms

Samvera and Hydra at others' conferences and meetings

Samvera and Hydra regional events

Training and documentation

View all collections

A service of Samvera. Hyku v2.1

Copyright © 2019 Samvera Licensed under the Apache License, Version 2.0

- 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 page includes a 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, with the first result being 'Supporting and Connecting Women in Technology'. The metadata for this result is as follows:

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

The second result is 'Working and Interest Group Updates: Day 2', with the following metadata:

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 page includes a navigation bar with 'Home', 'About', and 'Help' links, and a search bar containing 'ruggaber'. Below the search bar, there are filters for 'Type' and 'Resource type'. The 'Resource type' filter is expanded, showing a list of types: Other (15), Presentation (11), Audio (1), and Poster (1). The search results are sorted by relevance, with 10 items per page. The first result is 'Supporting and Connecting Women in Technology', created by Ruggaber, Robin. The second result is 'Working and Interest Group Updates: Day 2', created by Friesen, Jeremy, Hilt, Jessica, Awre, Christopher L., Ruggaber, Robin, Kaufman, Rob, and Hardesty, Juliet L.

- 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



English Login

Home About Help ruggaber Q Go

Limit your search

Filtering by: ruggaber Resource type > Other 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



Home About Help Enter search terms Q Go

Home / Back to search results

Work

Samvera Virtual Connect 2020: Program

Public Deposited

The program, with abstracts and linked slides, for Samvera Virtual Connect 2020, held 14-15 May.

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

Download PDF

Citations: ▾

f t g+

- 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



Connect Conference T-shirt design 2016

Public Deposited

The t-shirt design for the Hydra Connect conference at the Boston Public Library in 2016.	
Creator	Murdock, Michael
Contributors	Sabor Design Studio
Subject	Hydra Project
Language	English
Keyword	

- ...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



English Login

Home About Help Enter search terms Q Go

Limit your search

Filtering by: Language > Latin Resource type > Image Start Over

1 entry found Sort by relevance 10 per page

Connect Conference T-shirt design 2019

 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

A service of Samvera. Hyku v2.1 Copyright © 2019 Samvera Licensed under the Apache License, Version 2.0

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

Samvera Hyku repository #8



English Login

Home About Help Enter search terms Q Go

Switch language

Deutsch

English

Español

Français

Italiano

Português do Brasil

中文

Featured Works Recently Uploaded

Sites of Memory, Acts of Erasure: On the Powers, Meanings and Limitations of the Historical Archive
Depositor: r.green@hull.ac.uk
Keywords: Archives, Connect 2019, Samvera, Preservation

Samvera Community Annual Report 2019
Depositor: r.green@hull.ac.uk
Keywords: Community, Annual report, Samvera

Explore Collections

Samvera and Hydra

Samvera legal documents and forms

Samvera and Hydra at others' conferences and meetings

Samvera and Hydra regional events

Training and documentation

[View all collections](#)

A service of Samvera. Hyku v2.1

Copyright © 2019 Samvera Licensed under the Apache License, Version 2.0

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

Samvera Hyku repository #9



English Login

Home About Help Enter search terms Q Go

Sign in

Email address

Password

Remember me

[Sign in](#)

[Sign up](#)

[Forgot your password?](#)

A service of Samvera. Hyku v2.1

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



Home / Dashboard

Signed in successfully.

Dashboard

Registered Users	Total Visitors	Returning Visitors	New Visitors
Current	Past 30 days	Past 30 days	Past 30 days
4	n/a	n/a	n/a

Administrative Sets

Recent activity

Administrative Set	Works	Files
Default Admin Set	651	692

User Activity

New user signups

Repository Growth

Past 90 days

2020-10-17
Objects: 21
Collections: 1

Repository Objects

Current Status

Published
651

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

Samvera Hyku repository #11



The screenshot shows the Samvera Hyku repository interface. The user is logged in as r.green@hull.ac.uk. The main content area is titled 'Works' and shows a list of 642 works owned in the repository. The interface includes a sidebar with navigation options like 'Repository Activity', 'Your activity', 'Reports', 'Collections', 'Works', 'Review Submissions', 'Manage Users', 'Manage Groups', 'Manage Embargoes', 'Manage Leases', 'Settings', and 'Workflow Roles'. The main area has filters for 'Filter works' (Visibility, Status, Resource type, Admin Set, Collection) and a search bar. The list of works includes:

Select	Title	Date Added	Highlighted	Visibility	Actions
<input type="checkbox"/>	 Avalon: New Features and Direction Is part of: Samvera Connect 2020 On-line	2020-10-14	☆	Public	Select
<input type="checkbox"/>	 Connect Conference logo 2020 Is part of: Logos, t-shirts and marketing	2020-10-13	☆	Public	Select
<input type="checkbox"/>	 Samvera Community Annual Report 2019 Is part of: Reports and other documents	2020-10-13	☆	Public	Select
<input type="checkbox"/>	 Digital Collections: Indiana University's Digital Image Repository Is part of: Samvera Connect 2020 On-line	2020-10-13	☆	Public	Select

- 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



Select type of work

- Generic Work
General purpose work type. Select this if the more specific work types below are not suited to the work you want to add.
- Image
Single or multi-page image works.

Close Create work

Select	Title	Date Added	Highlighted	Visibility	Actions
<input type="checkbox"/>	Avalon: New Features and Direction Is part of: Samvera Connect 2020 On-line	2020-10-14	☆	Public	Select
<input type="checkbox"/>	Connect Conference logo 2020 Is part of: Logos, t-shirts and marketing	2020-10-13	☆	Public	Select
<input type="checkbox"/>	Samvera Community Annual Report 2019 Is part of: Reports and other documents	2020-10-13	☆	Public	Select
<input type="checkbox"/>	Digital Collections: Indiana University's Digital Image Repository Is part of: Samvera Connect 2020 On-line	2020-10-13	☆	Public	Select

- 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



English 8 r.green@hull.ac.uk

Home / Dashboard / Works / Add New Work

Add New Work

Descriptions Files Relationships Sharing

To create a separate work for each of the files, go to Batch upload

Title required

A name to aid in identifying a work.

[+ Add another](#)

Creator required

The person or group responsible for the work. Usually this is the author of the content. Personal names should be entered with the last name first, e.g. "Smith, John."

[+ Add another](#)

Keyword required

Words or phrases you select to describe what the work is about. These are used to search for content.

[+ Add another](#)

Rights statement required

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.
- Private**
Keep to myself with option to share.

By saving this work I agree to the [Deposit Agreement](#)

- 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 user is logged in as 'r.green@hull.ac.uk'. The page is titled 'Add New Work' and has tabs for 'Descriptions', 'Files', 'Relationships', and 'Sharing'. The 'Sharing' tab is active, showing options to 'Add group' and 'Add user', each with a search field and an 'Add' button. Below this, a table shows 'Currently Shared With' with one entry: 'Depositor (r.green@hull.ac.uk)'. On the right, the 'Save Work' section includes 'Requirements' (Describe your work, Add files) and 'Visibility' options: Public (Make available to all.), Institution (Restrict access to .), Embargo (Set date for future release.), Lease (Set date for future reduced access.), and Private (Keep to myself with option to share.). A 'Save' button is at the bottom right.

- 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 access 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 .

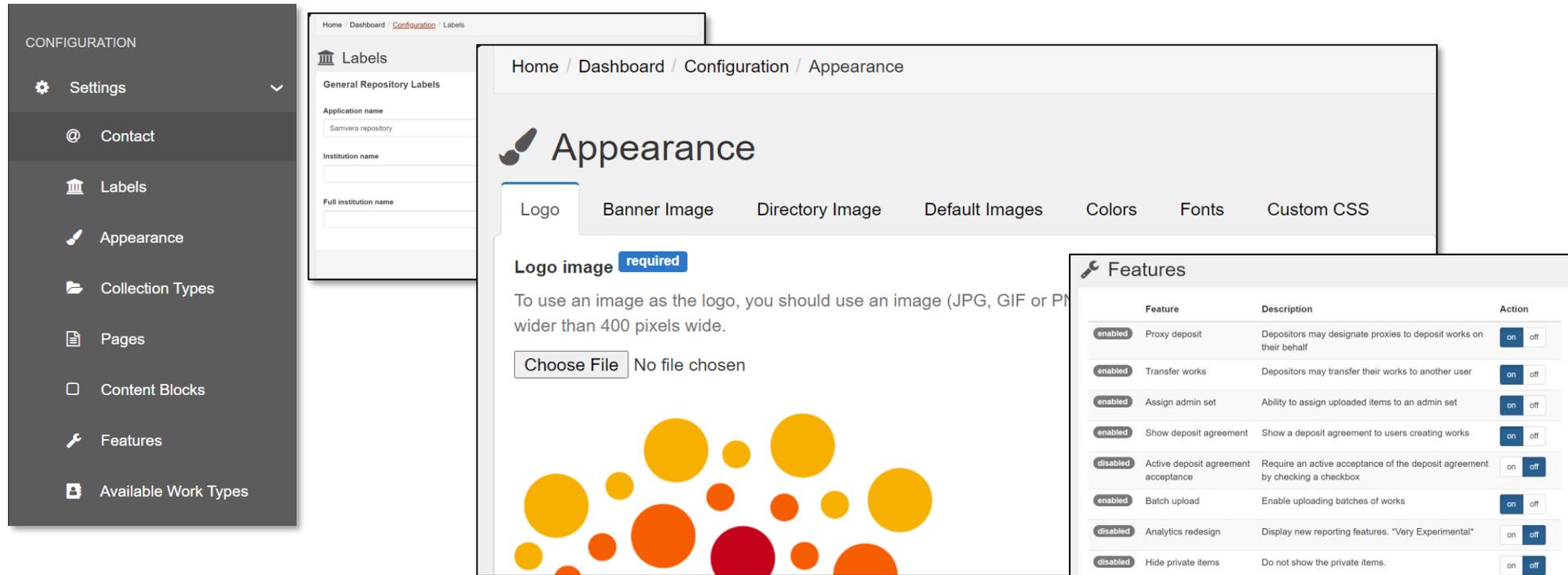
Embargo
Set date for future release.

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



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) that is at least 100 pixels high and wider than 400 pixels wide.

No file chosen

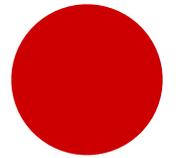
Features

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

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

Next Up:

Why Samvera?





Why Samvera?

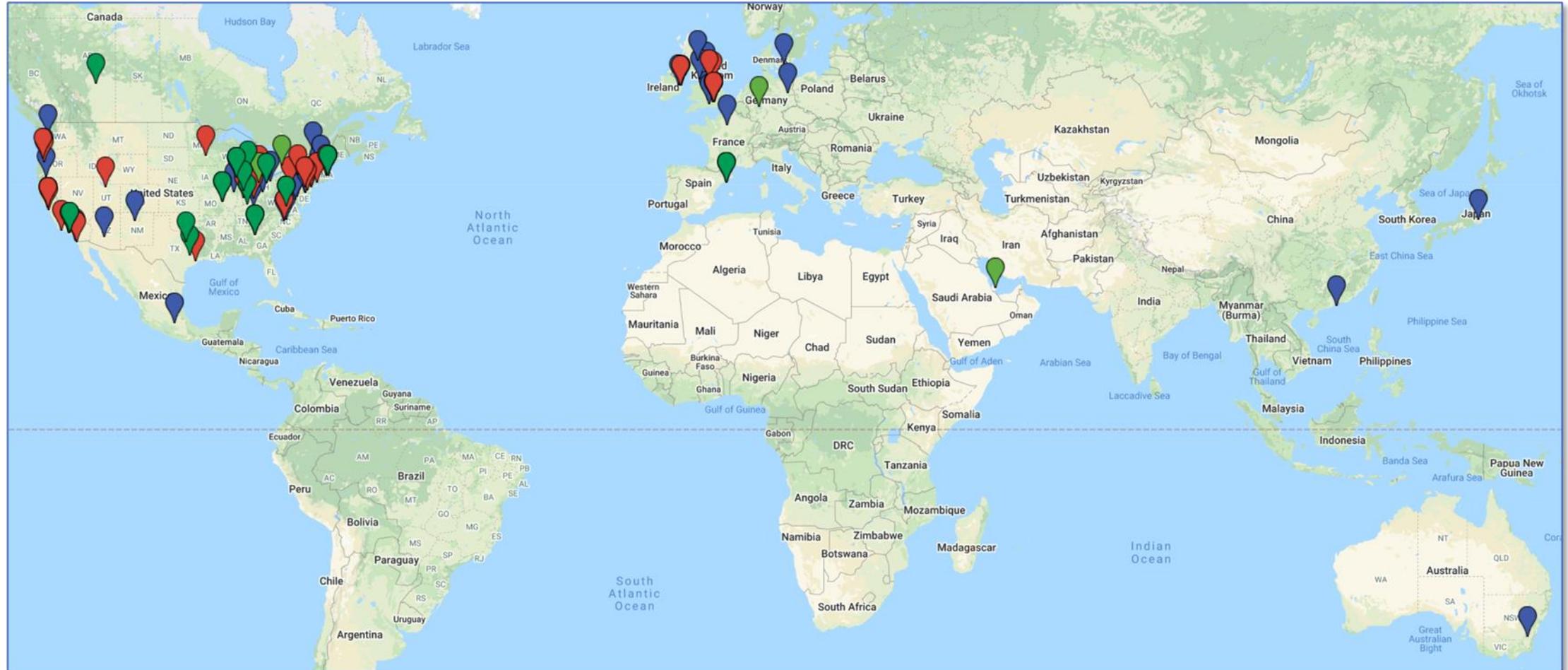
- Be part of a community
 - Shared resources, shared risk, shared advances
- The whole (we) is greater than its parts (each of us)
 - Especially in this crowd
- Need a flexible, rich, robust repository solution
- Control your own destiny
- Build institutional capacity



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...

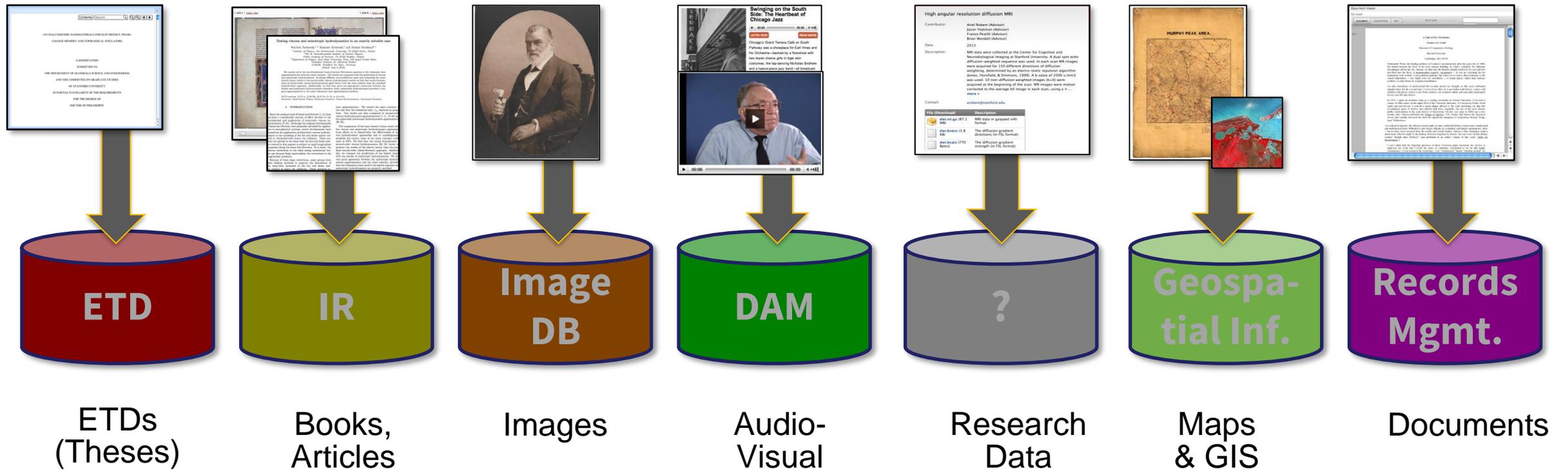
- Software Developers
- Code Committers
- Metadata Specialists
- User Experience (UX) Experts
- User Interface (UI) Designers
- Project, Service, & Repository Managers
- Communication Experts
- Senior Management



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

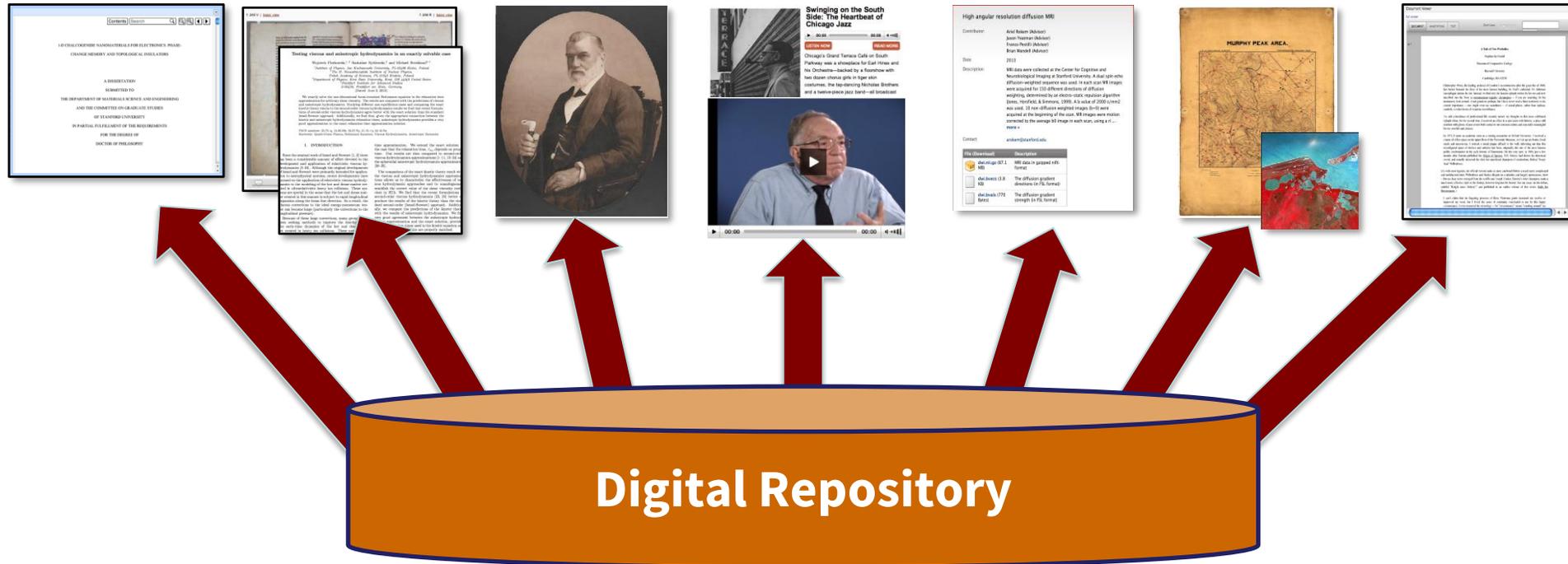
Images

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



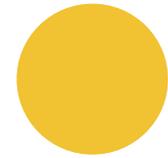
Control the Runway

- 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?

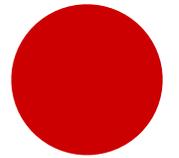


Training & Connecting

- **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