



---

# HYKU UPDATE

Samvera Connect 2021  
Tuesday October 19, 2021

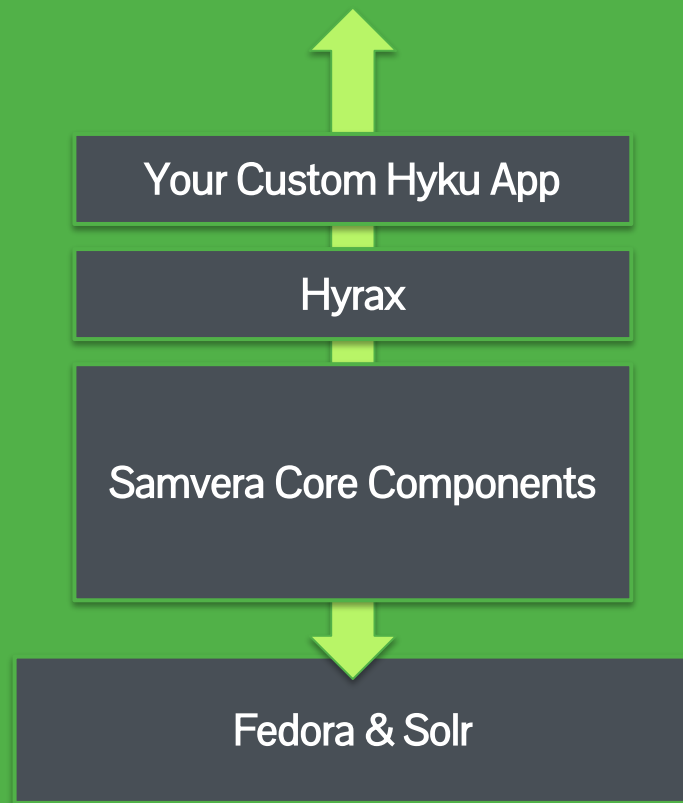
The background is a solid medium green. On the left side, there are several stylized green shapes: a large light green circle in the top left, a smaller dark green circle below it, a dark green leaf-like shape with a central vein, a large light green leaf-like shape, and a smaller light green circle at the bottom left. The text "What is Hyku?" is written in white on the right side.

What is Hyku?



## A Samvera Solution Bundle

Hyku is a solution based on the Hyrax engine. It takes the components of Samvera, and delivers a turn-key but customizable repository application.



# Hyku vs. Hyrax

## Hyrax & Hyku

- Faceted search / browse
- Universal Viewer / IIIF support
- Submit new items
- Batch import
- Collections / Collection Types
- Mediated deposit
- Access controls
- Embargoes / Leases

## Unique to Hyku

- Multi-tenancy
- Pre Built Work Types
- Pre Installed Bulk import / export
- More out-of-the-box theming options
- Built-in user management options

The background is a solid medium green. On the left side, there are several stylized leaf shapes in different shades of green. A large, light green leaf is positioned in the upper left, pointing towards the top right. Below it, a smaller, darker green leaf points towards the bottom left. At the bottom left, there is another light green leaf pointing towards the bottom right. Additionally, there are several circular shapes in various shades of green scattered across the left side of the image. The text "General Updates" is written in a white, sans-serif font on the right side of the image.

# General Updates



# Hyku Interest Group

## Pilot Updates

PALNI/PALCI  
Hyku for  
Consortia  
Advancing Hyku  
British Library  
University of  
Louisville  
WUSTL Newman  
Numismatic Portal  
Adventist Digital  
Library

## Roadmap

Align project  
efforts and  
formalize features  
for inclusion in the  
Hyku Roadmap

## Release Updates

Notes and issues  
with coming  
releases  
Technical updates  
from the Hyku  
Dev Call

## Newcomers

A place where  
those new to  
Hyku or those  
exploring solutions  
can get news and  
ask questions

## Meeting

On Zoom, the last  
Thursday of each  
month

# Hyku 3.02

## New Features:

- DOI minting & content population
- Cross Tenant Search
- Theming Templates from Hyku for Consortia
  - Cultural Repository
  - Institutional Repository
  - Neutral
- ORCID Integration

## Hyku Roadmap

- <https://github.com/samvera/hyku/projects/1>

## Hyku Developer Call

- Technical troubleshooting, collaboration, facilitating code contribution

# Hyku 4.0

## Next Release is 4.0

- We have overhauled the way local development and deployment is done
- Improved the way settings and environment variables are changing to better align with Hyrax and to make them admin user editable per tenant



## Bulktrax Import & Export Gem

- Work on Bulktrax round-trip import-export continues:
  - GBH
  - University of California Santa Cruz
  - University of Louisville
- Easy to use interface with which you are able to create, edit, delete, run, and re-run imports
- Now connected to BrowseEverything
- Optional behind a feature flipper in Hyku 3.0
- Supports OAI-PMH, CSV, XML, Bagit and an ever-growing list of formats

The background is a solid light green color. On the left side, there are several abstract shapes: a large light green circle in the top left, a smaller dark green circle in the top center, a dark green leaf shape in the middle left, a large light green leaf shape in the center, and a smaller light green circle in the bottom left. The text "Major Grant Projects" is positioned on the right side of the image.

# Major Grant Projects



**BRITISH  
LIBRARY**

**UNIVERSITY  
of VIRGINIA  
LIBRARY**

**u[** **ubiquity press**  
open scholarship

## Advancing Hyku

Supports the growth of Hyku by introducing significant structural improvements and new features.

[advancinghyku.io](https://advancinghyku.io)



**Advancing Hyku Project**



Search



[Home](#) [About](#) [Deliverables](#) [Outputs](#) [Updates](#) [Contact](#)

### Advancing Hyku

A collaborative project to support the growth of open access through institutional repositories, by introducing significant structural improvements and new features to the Samvera Community's Hyku platform. The project partners are University of Virginia Library, Ubiquity Press and the British Library, with funding from Arcadia, a charitable fund of philanthropists Lisbet Rausing and Peter Baldwin. The project runs October 2019-August 2021.

[Read more](#)



Project Update, September 2020

Search





# Advancing Hyku

University of Virginia, British Library, Ubiquity Press

- Progress on shared search layer and auto-population
- Blog and code contribution updates at <https://advancinghyku.io/2021/07/20/code-contributions/>
- Consolidated Hyku community github board now used across 4 projects: <https://github.com/samvera/hyku/projects>
- Visibility, collaboration, stewardship across projects now happens in monthly Hyku Developer Calls

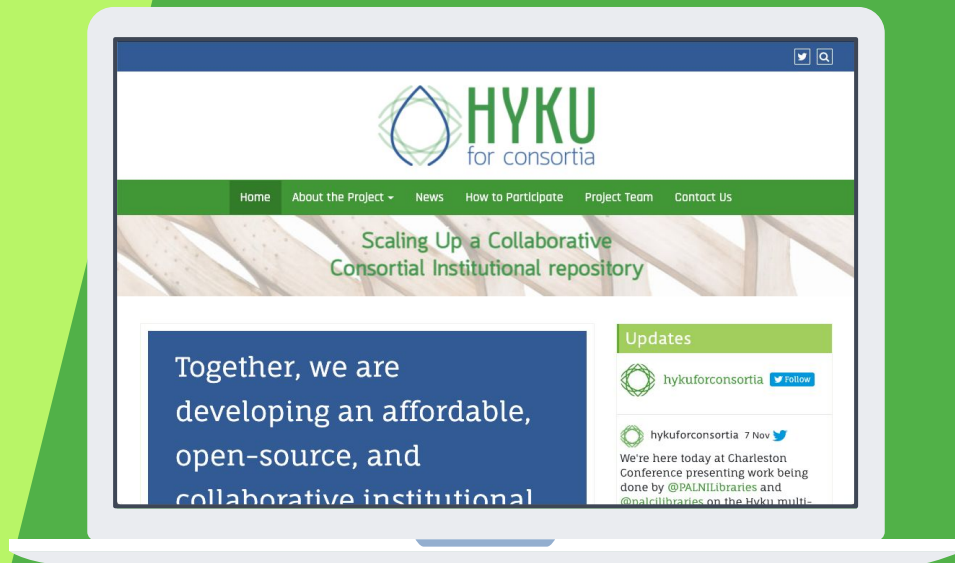
*Arcadia is a charitable fund of philanthropists Lisbet Rausing and Peter Baldwin*



## Hyku for Consortia

A collaborative repository for  
consortial member libraries.

[www.hykuforconsortia.org](http://www.hykuforconsortia.org)





# Hyku for Consortia

## PALNI & PALCI

- Multi-tenant platform for both production use and piloting across 4 consortia
  - 10 tenants in production
  - 14 in pilot or test
- Implemented theme templates, updates to groups and permissions, and OER & ETD worktypes



# Hyku for Consortia

## PALNI & PALCI

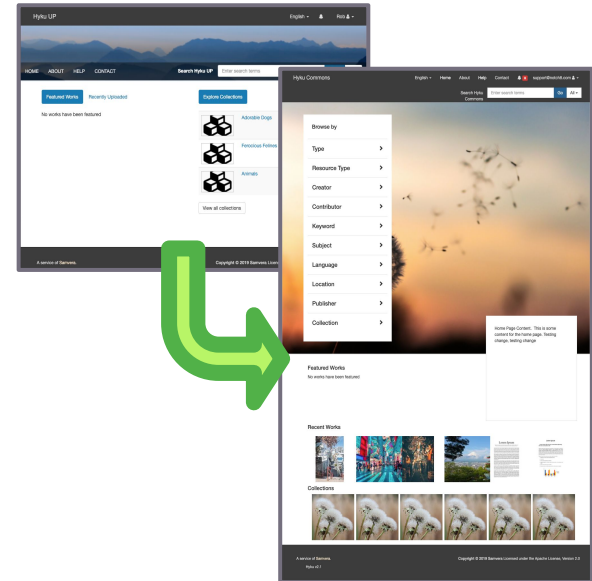
Completed IMLS grant phase and awarded new 2-year IMLS Grant Hyku for Consortia: Removing Barriers to Adoption

- Two years of work, organized around generous user testing and feedback
- Research, review, and analysis to create requirements based on evidence
- Technology development, most likely around metadata flexibility, accessibility, file handling
- Develop a tool kit for consortial collaboration around repositories

# Hyku for Consortia

## PALNI & PALCI

- During initial research phases of grant doing some small projects with Notch8 around smaller UI tweaks and enhancements
- Have begun a regular schedule of data benchmarking and satisfaction surveys with users
- Theming templates!**





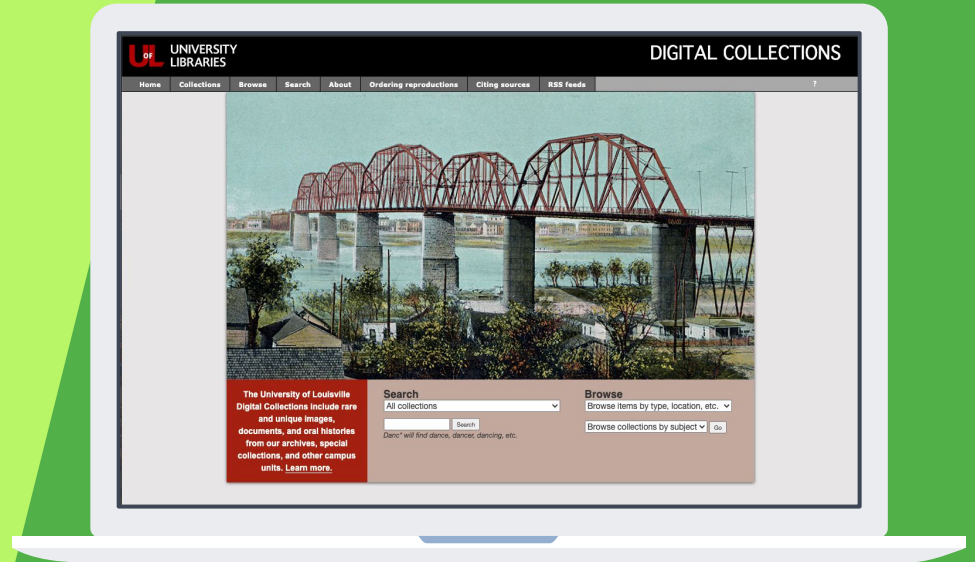
The background is a solid medium green. On the left side, there are several stylized green shapes: a large light green circle, a smaller dark green circle, a large light green leaf-like shape, a dark green leaf-like shape, and a smaller light green leaf-like shape. The text "Projects in Development" is written in white, bold, sans-serif font on the right side.

# Projects in Development



## University of Louisville

Cultural heritage content repository, including newspaper collections





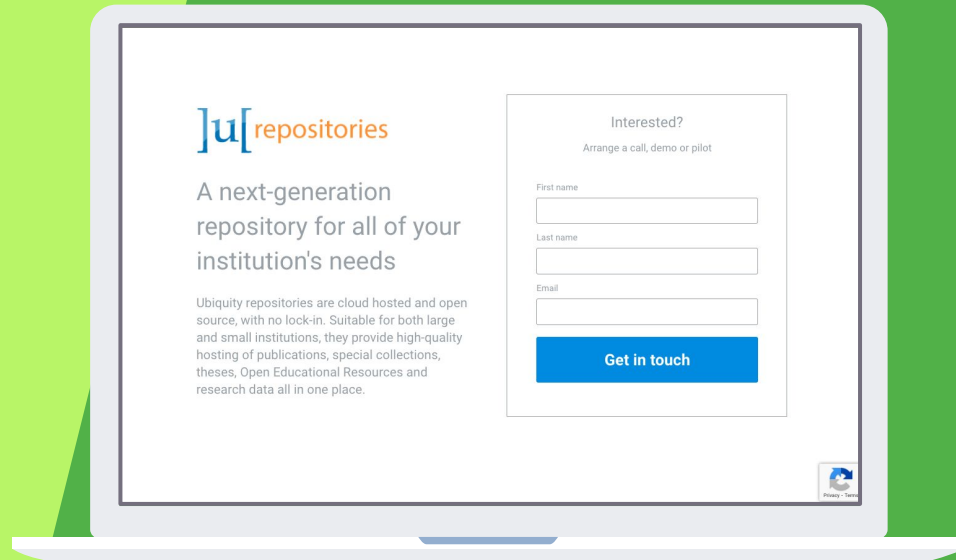
# University of Louisville Digital Collections

## University of Louisville Libraries

- Completed setup of work types, metadata, and search and record display
- Progressing with upload of heterogenous primary source materials (exported from CONTENTdm) onto Hyku production server
- Beginning work on enhancing front end design and uploading complex compound objects
- In planning phase of designing a user assessment focus group



Ubiquity Press





# Ubiquity Press

- Integrating other Ubiquity products
- Journal and book/OER publishing
- The Ubiquity Analytics platform for reporting
- Migrations underway from several platforms including bepress, DSpace, SobekCM
- Developed two big Hyku features:
  - ORCID Integration
  - Cross Tenant Search

BRITISH  
LIBRARY

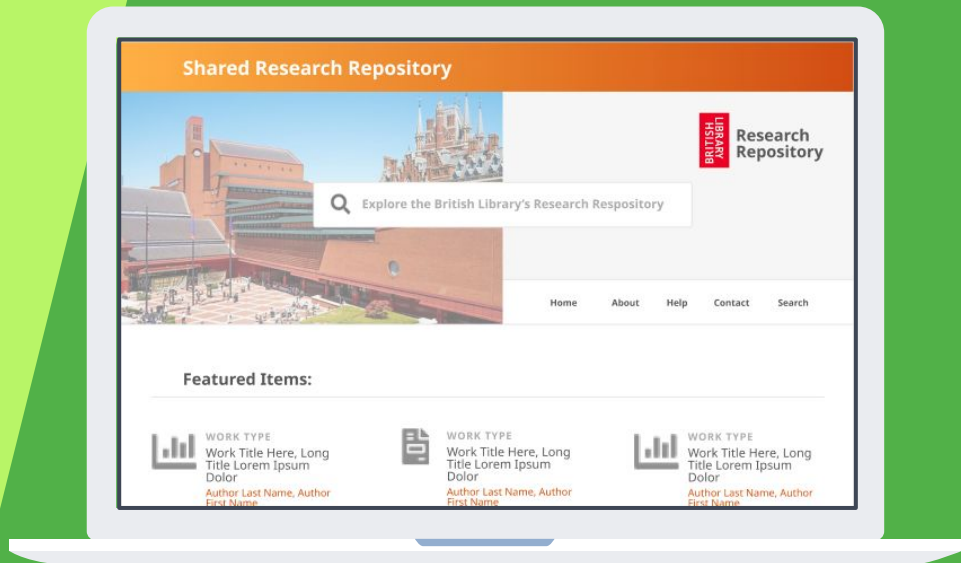


COSECTOR  
UNIVERSITY  
OF LONDON

## Shared Research Repository

British Library-managed  
multi-tenant repository for  
cultural heritage  
organizations.

iro.bl.uk





# Shared Research Repository

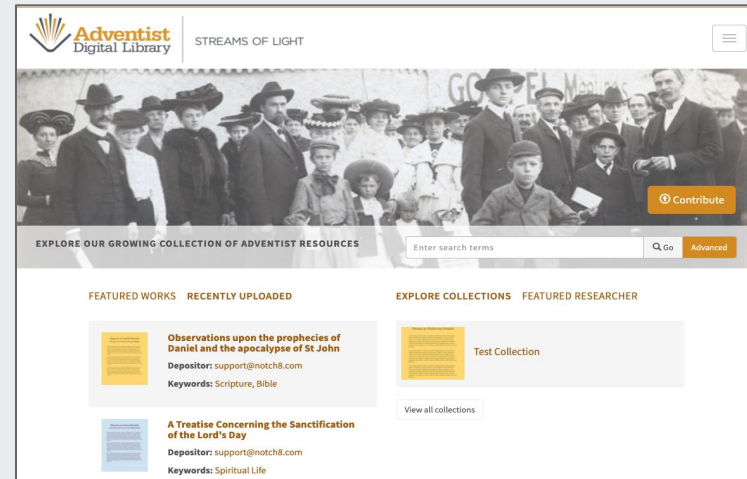
## British Library

- A shared repository of 7 separate tenant repos on a single Hyku instance
- Features include use of Bulktrax for bulk import & export
- New Hyku application is live as work continues on application parity:
  - Autopopulation of content from DOI
  - DataCite integration for DOI creation
  - Cross-tenant search



## Andrews University

Adventist Digital Library  
provides access to Seventh  
Day Adventist historical and  
theological materials







# Adventist Digital Library

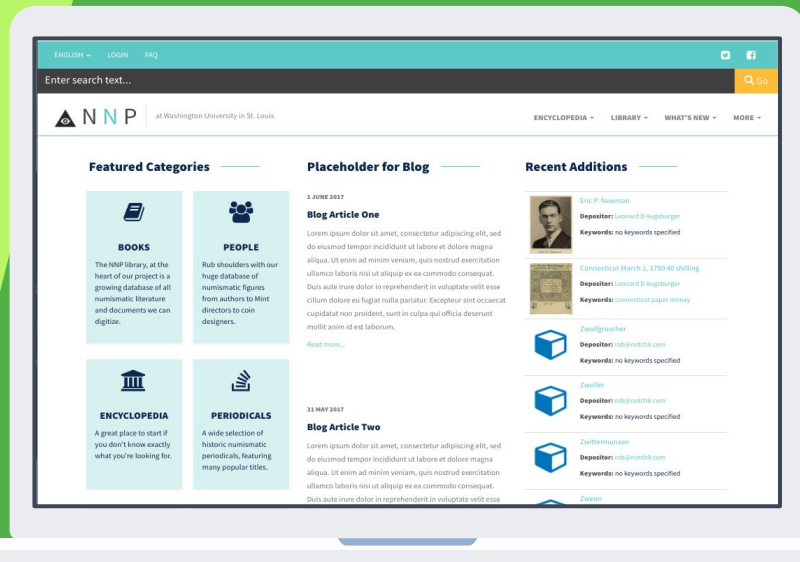
## Andrews University

- Collaborative repository across Andrews University and other colleges hosting contributions from multiple archives and libraries
- Migrating from an existing Islandora application
- Dual-tenant, one consisting of citation only/no file works
- Undergoing migration of content
- Preparing for some additional work before going live



## Newman Numismatic Portal

Moving a WUSTL collection  
from a legacy .NET  
application





# Newman Numismatic Portal

## Washington University in St. Louis

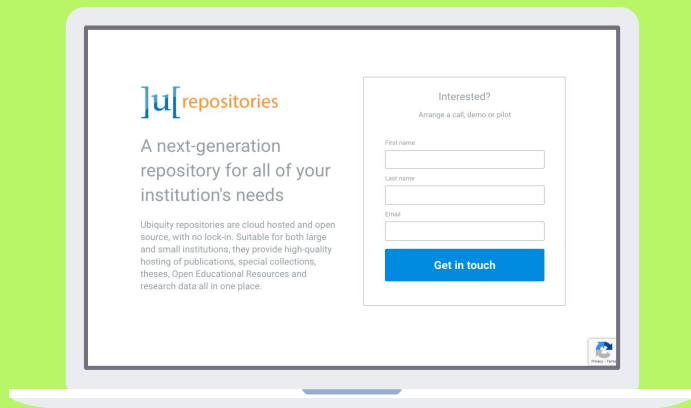
- Single tenant numismatic special collection
- Complex metadata relationships beyond parent/child
- Multiple unique worktypes (auction catalogs, price lists, etc.)
- BookReader for searchable, flippable PDFs with Transcripts
- Refining OCR and content ingest workflow

# Hyku Hosted Service Solutions

hykuUP

Notch8

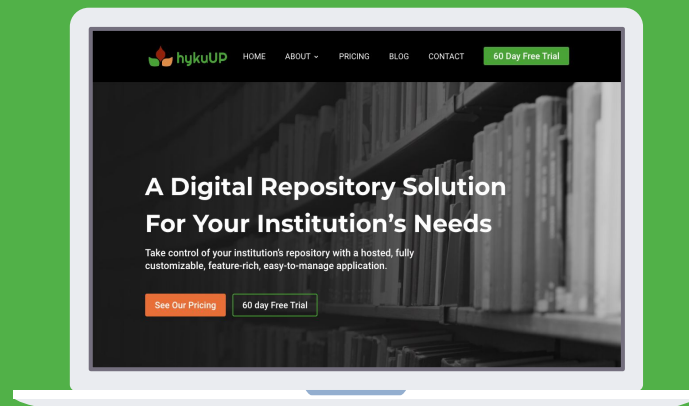
hykuUP.com



U Repositories

Ubiquity Press

u-repo.io



# Follow Hyku!



- [hyku.samvera.org](https://hyku.samvera.org)
- [Slack.samvera.org](https://slack.samvera.org)
- [groups.google.com/forum/#!forum/samvera-hyku](https://groups.google.com/forum/#!forum/samvera-hyku)
- Hyku Interest Group
  - Last Thursday monthly 8:30 Pacific/11:30 Eastern/4:30 UK
  - <https://samvera.atlassian.net/wiki/spaces/samvera/pages/419533203/Samvera+Hyku+Interest+Group>
- Hyku Developer Call
  - Second Thursday monthly 9:00 Pacific/12:00 Eastern/5:00 UK

# Thanks!

**Kevin Kochanski**

kevin@notch8.com

This slides template came from the following free resources, for which I am grateful:

Presentation template by [SlidesCarnival](#)

Photographs by [Unsplash](#)



hyku

