Hyku for Consortia
Project Update

Amanda Hurford, PALNI Scholarly Communications Director
Samvera Connect 2021 Online
October 19, 2021
Project Team

Project Directors
Jill Morris, Executive Director, PALGI
Kirsten Leonard, Executive Director, PALNI

Project Leads
Gretchen Gueguen, PALGI, Project Manager
Amanda Hurford, PALNI, Product Owner

Pilot liaison, Documentation and QA Testing
Nicholas Stanton-Roark
Our Implementation

- Multi-tenant repository
- HykuCommons.org
- Active production use and piloting across 4 consortia
- Hosted by Notch8

15 active tenants in production
13 testing/demo repositories
252 collections
4978 works
2019-2021 Work

- IMLS Grant: Scaling up a Collaborative Consortial IR
- Focus on multi-tenant administration
- Theme templates
- Groups and permissions work
- Two worktypes
  - OER
  - ETD
2021-2023 Plans

- New IMLS Grant: *Removing Barriers to Adoption*
- Develop a toolkit for consortial collaboration around repositories
- Worksprints informed by user testing and feedback
- Research, review, and analysis to create requirements based on evidence.
  - Potential areas:
    - metadata flexibility
    - accessibility
    - file handling

“With this award, the partners will increase the flexibility, accessibility, and usability of Hyku, the multi-tenant repository platform system.”
<table>
<thead>
<tr>
<th>Workstream 1: Research and Requirements Development</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
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<tbody>
<tr>
<td>Hire Usability Consultant</td>
<td>Aug</td>
<td>Sep</td>
<td>Oct</td>
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<tr>
<td>Recruit and schedule user studies</td>
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<tr>
<td>Carry out user studies</td>
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<tr>
<td>Analyze results and determine requirements</td>
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<tr>
<td>Develop scope of work for phase 1 (sprints 1, 2 &amp; 3)</td>
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<tr>
<td>Develop scope of work for phase 2 (sprints 4, 5 &amp; 6)</td>
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<tr>
<td>Bring community up to date on completed developments</td>
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<thead>
<tr>
<th>Workstream 2: Technology Development</th>
<th>2021</th>
<th>2022</th>
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<tbody>
<tr>
<td>Sprint 0</td>
<td>Aug</td>
<td>Sep</td>
<td>Oct</td>
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<tr>
<td>Sprint 1</td>
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<td>Sprint 2</td>
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<td>Sprint 3</td>
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<td>Sprint 4</td>
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<td>Sprint 5</td>
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<tr>
<td>Sprint 6</td>
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<tr>
<th>Workstream 3: Operational Model Development</th>
<th>2021</th>
<th>2022</th>
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<tr>
<td>Perform initial baseline satisfaction survey and gather data on repository size and usage</td>
<td>Aug</td>
<td>Sep</td>
<td>Oct</td>
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<td>Finalize pilot participants</td>
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<td>Run Hyku Commons using operational model</td>
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<td>Quarterly data gathering</td>
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<td>Annual satisfaction survey</td>
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<td>Finalize draft operational model for review</td>
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<td>Reach out to consortia to participate in discussions</td>
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<td>Share operational model with discussion participants</td>
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<td>Convene meeting with consortia for discussion</td>
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<tr>
<td>Review and adapt model based on feedback</td>
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<td>Develop consortial repository tool kit</td>
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<td>Convene second meeting to review tool kit</td>
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<td>Revise and adapt tool kit based on feedback</td>
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<td>Launch tool kit</td>
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<td>Perform final grant data analysis to measure success</td>
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Research and Data Collection

- Baseline data collection phase
  - Satisfaction with platform and service
  - Size and number of repositories
  - Web traffic
  - Diversity of populations and institutions served
- Regular schedule for data collection
- UX Consultant to help with: surveys, interviews, focus groups, usability tests

Users are **satisfied** with:

**describing/editing single works**

Users are **unsatisfied** with:

**metadata templates**
Now Seeking UX Consultant

• 10-20 hours per week
• Short-term contract-based role
• November 2021 and June 2022
• Determine the best activities for the project goals
• Develop plans and carry out user research
• Assist in the analysis of results
• Apply to consortial-ir@palci.org
• Reviewing applications starting 11/5

“Hyku for Consortia seeks a UX Consultant to work with project staff to develop and implement a series of user research activities determining the most useful updates for the Samvera-based Hyku digital repository software.”

Details at https://www.hykuforconsortia.org/news/
The next phase of the Hyku for Consortia project is off and running, with a small work sprint based on a backlog of known issues uncovered during our previous grant-funded project. This work allows us to maintain the momentum we have built in our previous pilot phase, while we start our user research and accessibility review to define the requirements and scope of work for future, more in-depth, development phases. Wherever possible we will contribute development back to the Hyku base code, giving others the opportunity to use these features/configuration options in their Hyku repositories. This sprint is expected to be...
Code Contributions to Hyku 3.x

- Fixes to bulkrax to make file locations work in multi-tenant environments
- The ability to add custom themes to Hyku as well as included themes to select from
- Additional feature flippers to allow for more customizations
- Reset to default colors and set default colors
- Ability to have hidden tenants on production
- Setting default scope for users to exclude guests, and remove old guests

Upcoming:

- Changes to roles and permissions with the ability to utilize groups
- Alphabetical sort on title
- In App PDF viewing
- Fixes to help text to pull from proper Yaml file
- Removing size from collection page
- Improvements to theming
- CC licenses update
Sharing with the Community

- Code contributions
- Incorporating others’ work
- Hyku Interest Group
- Hyku User Watercooler
- Roadmapping with colleagues
Call for Community Input

- Learning about barriers
- Community discussion and feedback on collaborative repository management resources
  - Operational model draft due 2022
  - Toolkit due 2023
- Alignment of goals as we plan our sprints
- Discussion and strength in numbers
THANK YOU!

Visit: hykuforconsortia.org

Twitter: @hyku4consortia

Email: amanda@palni.edu | consortial-ir@palci.org