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Hyku Projects Panel: Community collaboration, Advancing Hyku Project Update

Ellen Ramsey, University of Virginia
Ilkay Holt, The British Library

Samvera Virtual Connect, 19 October 2021

Collaboration across Hyku community projects: Lessons learned from Advancing Hyku

Ilkay Holt, The British Library

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Why community collaboration?

- The ultimate goal of the Advancing Hyku is to give back to the community

- The need to avoid silos and unify the vision to build upon other projects

- More people adopt and build upon the technology, better for sustainability

- Efficient use of resources and community experience

Highlights from Advancing Hyku community activities

Community input: Feature prioritization survey

- Advancing Hyku feature prioritization survey was conducted in 11/2020.
- Adjustments made in the project roadmap:
  - OAI-PMH moved earlier in our roadmap due to strong support for this feature from survey respondents.
  - User experiences with viewing content via browser is more important so we moved the file interaction work later in our roadmap.
- Findings impacting remaining work
  - Strengthen the collaboration with the community projects (e.g. *Hyku for Consortia, Oregon Digital Hyrax Analytics*) to avoid duplications of efforts.
  - Consideration of toggled features during configuration due to different requirements for different types of repositories (e.g. IR vs collections).
  - Heavy emphasis in the multi-tenancy service versus single tenant implementations

Community collaboration: User stories board

https://github.com/britishlibrary/Advancing-Hyku

Community collaboration: Hyku Roadmap

https://github.com/samvera/hyku/projects/1

Hyku Roadmap
Updated 5 days ago

Q Filter cards   ⌐ ⌐ Fullscreen   ☰ Me

1 · Done - All Hyku Instances

⊙ **Auto-expiration of embargoes and leases**
#1673 opened by ilkayholt
`Hyku v3` `In Samvera codebase`
`Project: Advancing Hyku` `Repository feature`

9 · Done - In Local Instance

⊙ **Read-only REST API**
#1681 opened by ilkayholt
`Hyku v2` `Project: Advancing Hyku`
`Repository feature`

⊙ **CSV Exports / imports -Bulkrax**
#1676 opened by ilkayholt
`Hyku v2` `Project: Advancing Hyku`
`Repository feature`

⊙ **Custom work types and extended metadata attributes**
#1674 opened by ilkayholt
`Hyku v2` `Project: Advancing Hyku`
`Repository feature`

⊙ **DOI minting**
#1683 opened by ilkayholt
`Hyku v2` `Project: Advancing Hyku`

7 · In progress

⊙ **Integration with ORCID, author identifier**
#1688 opened by ilkayholt
`Hyku v2` `Project: Advancing Hyku`
`Repository feature`

⊙ **Cross tenant search**
#1675 opened by ilkayholt
`Hyku v2` `Project: Advancing Hyku`
`Repository feature`

⊙ **Speed up the test suite**
#1698 opened by DraxIndustries79
`Project: HykuUP`

⊙ **Admin editability of controlled vocabularies**
#1697 opened by DraxIndustries79
`Project: National Transportation Library`

1 · Soon

⊙ **Bring Helm charts and deployment strategy to Hyku**
#1699 opened by DraxIndustries79
`Project: Shared Research Repository`

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Advancing Hyku Project Update

Ellen Ramsey, University of Virginia

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Deliverables, October 2019 to February 2022

1. Integrating open-resource discovery tools to automatically scale repository contents

2. Adding metrics to indicate usage of contents

3. Connecting and syncing with author identification and profile services

4. In-browser display, visualization and annotation

5. Establishing pathways to long-term preservation services

6. Assessing requirements and jointly creating detailed, component-specific development plan

Advancing Hyku Project
https://advancinghyku.io

Complete · In Progress · Not Started

		2020				2021			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
WP0	Hyku ⅔ alignment								
WP1	Auto-population								
WP2	Metrics - phase 1								
WP3	Author profile sync								
WP4	In-browser display								
WP5	Metrics - phase 2								
WP6	Architecture assessment								
WP7	Preservation pathways*								
WP8	Migration to hosted Hyku								
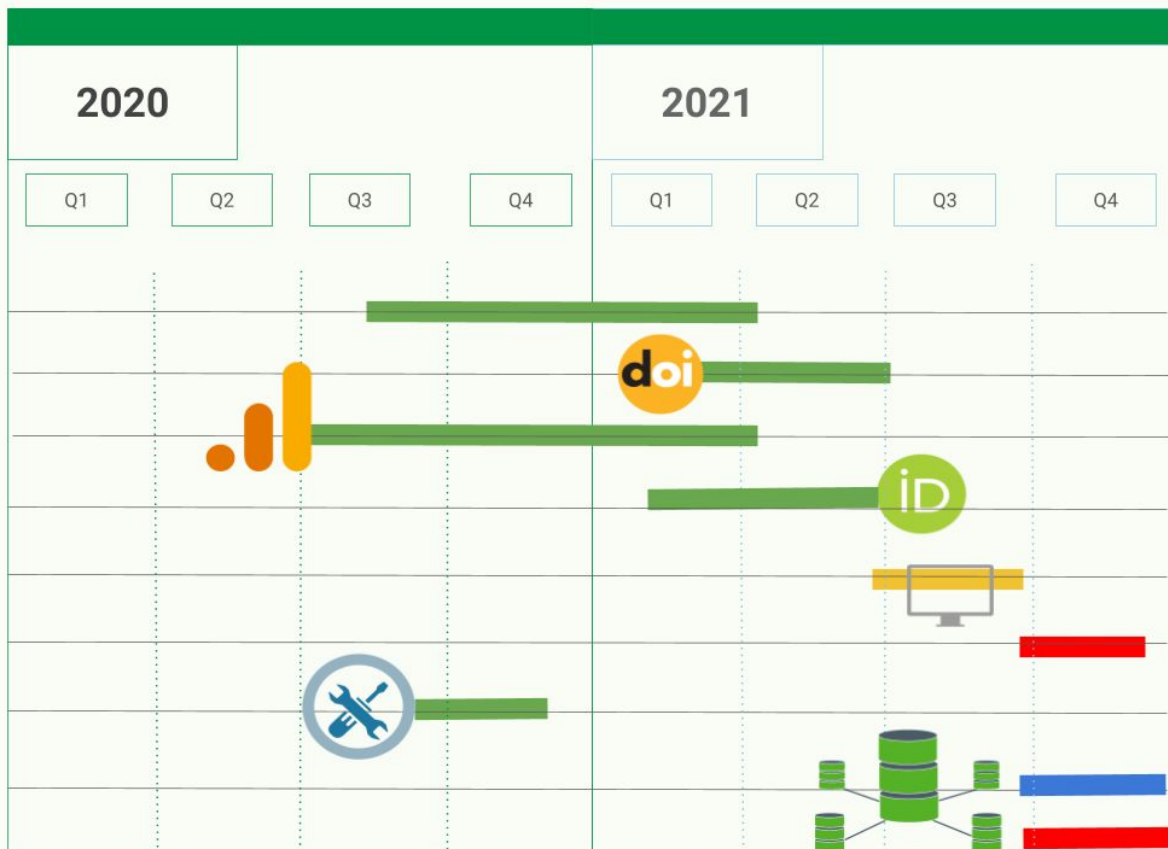
Highlights from Advancing Hyku project activities

Architecture Review for Advancing Hyku project.
https://doi.org/10.18130/v3-k4an-w022

Advancing Hyku Project
Your vote matters!
Community input for Advancing Hyku feature prioritization
https://doi.org/10.18130/v3-86vb-1k46

So many hosted options...

Ju[repositories

HYKU commons   hykuUP

HYKU 3.0 RELEASE INCLUDES NEW CUSTOMIZATION FEATURES
https://samvera.org/2021/02/17/hyku-3-0-release-includes-new-customization-features/

Lessons learned from Advancing Hyku project

1. The need to work closely across projects, be open and transparent as much as possible

2. Layers of communications across projects helps to work efficiently - dev/tech calls, repository managers

3. Community code contribution needs to be defined: e.g. what is "core", what goes to "core".

4. Being agile and realistic about the project deliverables while holding onto the main objectives is important

Advancing Hyku Project

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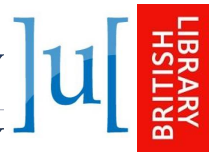
Thank you!

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