The Care & Feeding of Hyraxes

Samvera Connect 2019

Tom Johnson
Hyrax Tech Lead
IT Architect/Senior Developer
Univ. of California Santa Barbara
the goal of Hyrax is to be an opinionated — though configurable — base for both institutional & data repositories and digital collections management repositories.
Hyrax Overview

- Basic CRUD
- Flexible Workflows
- PCDM implementation
- Flexible collections for user and administrator grouping of files
- User and administrative analytics
- Flexible user- and group-based access controls
- Generation of derivatives
- Fixity checking

- Characterization of uploaded files
- Faceted search and browse
- User Profiles
- Notifications
- Google Scholar-specific metadata embedding
- Geonames integration for location-oriented metadata
- IIIF manifests and image server
- UniversalViewer on showpage
- And more

Additional Information at:
Github - code, wiki, readme, etc.
hyrax.samvera.org - overview, about page, about page (for managers)
Focus on Stability

1. Working Group
2. Stable Releases; Clear Upgrades
3. Testing, Testing, Testing
4. CI/CD Improvements
The Hyrax Working Group is charged with supporting **core maintenance and development for Hyrax** in order to provide a **stable base of support** for the solution bundle. This working group is **not meant to be a replacement for community-led development efforts** and/or contributions, but rather, it is meant to augment such efforts and release community members who are not part of the working group from the responsibilities around maintenance of Hyrax.
**Earn Your Wings**

January: Polar Vortex Dev Congress @ Penn State

Spring: 3 Wings Sprints

Summer/Fall: 3 Wings Sprints


*Earning your Wings: an Update on Hyrax & Valkyrie*

Thursday 3:30 – Track 3
What is/isn’t Wings?

Is:
- A project
- A Valkyrie adapter
- Ready for you to try

Isn’t:
- Removing Fedora
- A new Hyrax version (Hyrax 3.0.0; or X.0.0)
- Done

Earning your Wings: an Update on Hyrax & Valkyrie

Thursday 3:30 — Track 3
Hyrax By The Numbers

This year:

- 5 Releases
  - v2.3.3
  - v2.4.0, v2.4.1
  - v2.5.0, v2.5.1
  - v3.0.0-RC1
- 33 Contributors
- 944 Commits (to master)
- +24671 LOC, -9326 LOC
Hyrax Roadmap
Hyrax Roadmap

1. Continued technical maintenance:
   ○ Rails 6, Bootstrap 4 support
   ○ Wings/Valkyrie, adding support for Postgres
   ○ Accessibility

2. Drawing features from funded work in the community
   ○ Batch Ingest/Export
   ○ Analytics
   ○ Permissions

3. Keeping our stack up-to-date
   ○ Modern JS (?)

4. GET A PRODUCT OWNER
Governance Going Forward

- What’s next for the Product Owner role?
- SIGAHR ⇒ Hyrax Interest Group
- Split PO role
  - Product Owner
  - Projects Lead
  - Community Lead
- Rotating Roles (?)
- Roadmap Council Report
How to Communicate with a Hyrax

Samvera Interest Group for Advising the Hyrax Roadmap (SIGAHR)
- Find us on the wiki
- SIGAHR is Open! All are welcome
- Slack: #sigahr

Hyrax-WG
- Also find us on the wiki
- Slack: #hyrax-wg

Other Hyrax Information:
- Slack: #hyrax - general hyrax discussion

Contact us me:
Tom Johnson (TL):
- Slack: @no_reply
- Tweet: @no_reply
- Email: tomjohnson@ucsb.edu