A Vision for



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Outline

- What is Hyrax, and where did it come from?
- What work has been done on Hyrax since Hydra Connect '16?
- What's the current state of Hyrax development?
- How is Hyrax being tested/QAed?
- What are our goals and what is the roadmap for Hyrax?
- How can we get involved?



What is Hyrax?



Where did Hyrax come from?



What does Hyrax do?



Features - http://bit.ly/hyrax_features

- Upload files and folders
- Describe works with (vocab-backed) metadata
- Derivative generation
- Characterization of files
- Full-text extraction
- Virus scanning
- Internationalized UI (7 languages)
- Create new/restore old versions
- Batch upload / batch editing
- Faceted search and browse
- Role-sensitive user dashboard
- Google Analytics support

- User profiles
- Tweak UI colors via UI
- Realtime user notifications
- Single-use links for private works
- Configurable workflows (e.g., mediated deposit)
- Toggle features on/off in UI
- Reporting/metrics in UI
- Proxy deposit
- Contact form
- User-defined, nestable object types
- ResourceSync API
- ...



What's been done since HC2016?



Releases



Features



Documentation

http://samvera.github.io/



Release Testing



THANK YOU!

- Alicia Cozine, Data Curation Experts
- Sherry Lake, University of Virginia
- Steve Van Tuyl, Oregon State University
- Chris Diaz, Northwestern University
- Harsh Parekh, University of Notre Dame
- Max, University of Notre Dame
- Mike Giarlo, Stanford University
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- Michael Tribone, Pennsylvania State University
- Jenn Colt, Cornell University
- Moira Downey, Duke University
- Kate Russell, University of Notre Dame
- Tracy MacMath, Yale University



#repo-managers

Testing Subgroup

- Sherry Lake, University of Virginia
- Steve Van Tuyl, Oregon State University
- Chris Diaz, Northwestern University
- Harsh Parekh, University of Notre Dame
- Julie Rudder, University of North Carolina at Chapel Hill

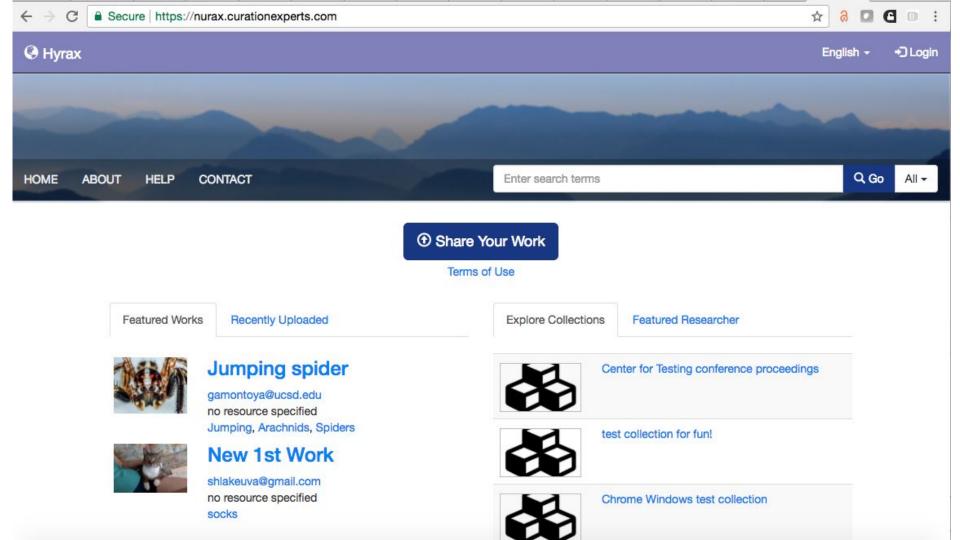


- Formalize and document the release testing process
- Help ensure Hyrax is well tested and documented in a systematic way
- Create a set of shared tools and resources to support testing



Creating a shared testing site: Nurax





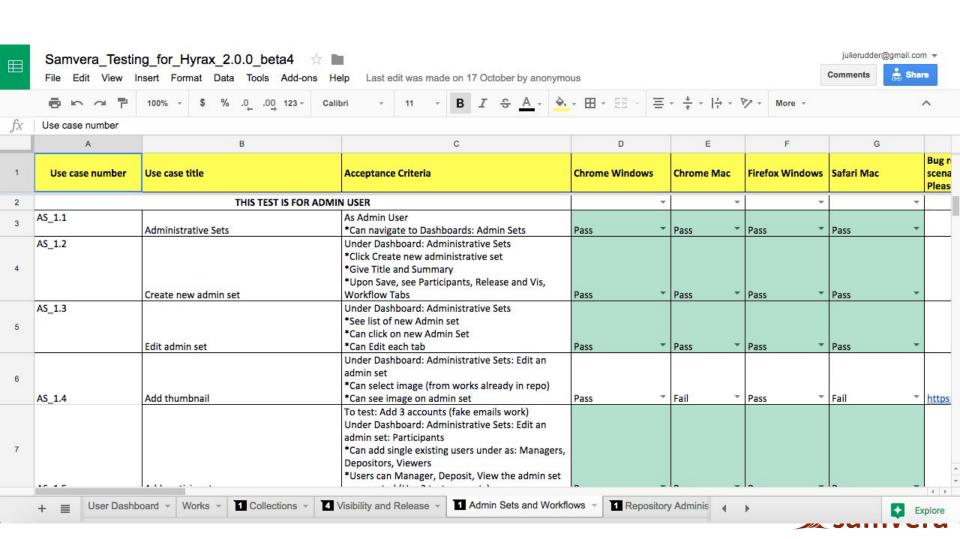
Benefits

- Lowers barrier of entry for testers
- "local vs a real hyrax issue".
- Default github repo for reference



Creating a testing spreadsheet





Benefits

- Knowing what was tested at each stage of the release
- Lower barrier of entry for testers
- More people with deeper knowledge of the features



Some challenges and questions:

- Browsers and platforms to test/support?
- Automate?
- Test everything each release?
- When and how do we test for accessibility? UX?



Results of testing

- Between beta1 and current master (5 beta, 2 rc releases)
 - 174 commits
 - 256 files changed
 - 23 contributors



Reflections

- Scratched the surface on supporting accessibility and ux testing.
- More help with key roles for each release.
- Checklist for what new features need to do.
- Community among repo-managers.



Roadmap? Goals?



Community goals for Hyrax development

- Collection Extensions nearly complete, planned for Hyrax 2.1 release (late 2017)
- Analytics, reporting, and related notifications community effort planning for early 2018
- Accessibility modifications and enhancements address the backlog of accessibility issues in Hyrax and inform the testing process to include more robust and regular accessibility testing
- Group and responsibility management re-architect groups and responsibilities to improve clarity
 of function
- Enhanced batch edit interface build out batch edit functionality to meet the needs, specifically, of digital collections-based repository implementations (UI mock-ups are available)
- Implementing remaining UI mockups address the backlog of UI mockups in Hyrax and Hyku and backport any Hyku UI features that are valuable in Hyrax
- Bulk import/export Allow bulk ingest and export of content from Hyrax using both command line
 and user interfaces
- Valkyrie support support flexible back-ends

Community goals for Hyrax Process

- Further improvements release/feature testing
- More community involvement w/ ongoing development
- Slower, stabler, steadier releases
- Clarify the long term vision for Hyrax
 - A solution bundle that accommodates use cases from both IR and digital collections contexts
 - Setting boundaries on what that means (help wanted!)
- Expanding roles to better distribute workload
- Finding Hyrax's place in a new governance structure



How can we get involved?



Acknowledgements



Questions?

http://hyr.ax/

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