Valkyrie Update

Presented By:

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Current Applications

1. Production
   a. Figgy (Princeton University Library)
      i. 4.3 million objects (mostly pages)
2. Development
   a. Bulwark (University of Pennsylvania Libraries)
   b. Charon (Northeastern University)
   c. Curate (via Hyrax) (Emory)
   d. Duke Digital Repository 2.0 (Duke)
   e. Lark (UCSB/UCSD)
   f. ??? (Yale University Library)
   g. Hyrax
   h. Yours?

Positive Opinions

"It was great, the only hangup was getting used to the pattern."

"The separation of concerns patterns it encouraged improved the code in our app."

"It's been a useful abstraction that ties our product in with Samvera while being a major solution to migration issues we've faced in the past."

"I expect using it to improve the engine's resilience, flexibility, and extensibility comprehensively."

Constructive Criticisms

"We wanted to hire contractors, and that's hard to do with custom dependencies."

"Solr Indexing duplicates a lot of fields, it's confusing to look at."

"ChangeSets and ChangeSetPersisters are hard to get your head around."

Releases/News Since Samvera Connect

New Stickers

1. Hexagon Sticker Compliant

1.7.0

1. Released to support Hyrax integration work prior to 2.0 release.
2. StorageAdapters can now have custom arguments in #upload (support cloud MD5 checking, for instance)
3. Fedora Storage Adapter changes for Hyrax.
4. Support for Bundler 2.

2.0.0!

1. Update Dry-* gems to 1.x releases.
2. Optional Dependencies for adapters!
   a. No longer require PG, RSolr, LDP, or even Rails/ActiveRecord to install Valkyrie.
3. Remove Deprecations
4. Performance Improvements
5. No data migration needed!
6. Estimated time to upgrade: ~1-2 days.

What's Coming Up?

Write-Only MetadataAdapters

1. Use Case: Indexing
2. Currently being prototyped as part of the Hyrax on Wings work.
3. Goal: Slim down Solr Documents, start indexing the way Solr wants us to index things.

Future Features

1. Solutions for N+1 Queries
2. "Custom_features" container for adapter-specific features like Transactions.
3. Generators for "Valkyrie Applications"?
4. More? Feature requests accepted!

3.0.0

1. Nothing currently planned that would force a 3.0.0 release.
2. Likely to be released next year around this time to just get rid of some deprecations.

Hyrax on Wings (Valkyrie)

1. Hyrax now has limited experimental support for Valkyrie.
2. Only one adapter works - "Wings"
3. https://github.com/samvera/hyrax/wiki/Hyrax-Valkyrie-Usage-Guide

Please go to the longer session to hear more!

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42. Samvera Community!

If You Have Questions

https://github.com/samvera-labs/valkyrie/wiki/Frequently-Asked-Questions

#valkyrie on Samvera Slack!