2020-03-26 - Fedora Tech Meeting

Time/Place

This meeting is a hybrid teleconference and slack chat. Anyone is welcome to join...here's the info:

- Time: 11:00am Eastern Daylight Time US (UTC-4)
- Audio/Video Conference Link: https://lyrasis.zoom.us/j/8371653644
  - Meeting ID: 837 165 3644
  - Find your local number: https://lyrasis.zoom.us/u/ad6x7q3la
- Join fedora-project.slack.com on the "tech" channel
  - Self-register at: http://slack.fcrepo.org/

Attendees

1. Danny Bernstein
2. Jared Whiklo
3. Andrew Woods
4. Peter Winckles
5. David Wilcox
6. Ben Cail
7. Aaron Birkland
8. Thomas Bernhart

Agenda

1. Peter Winckles in the house!

2. April Sprint Planning - April 6-10
   a. Sprint board
   b. Feature tracking
      i. 🔴 FCREPO-3257 - PUT on existing container should be 409  OPEN

3. In-flight tickets
   a. 🔴 FCREPO-3223 - IT: Restore FedoraLdpIT tests  REOPENED
   b. 🔴 FCREPO-3264 - Replace String resource IDs with new FedoraID class  IN REVIEW

4. Fedora and Docker
   a. https://github.com/fcrepo4-labs/fcrepo-docker

5. Containment Index
   a. How to handle SQL differences (H2, MySQL, PostgreSQL) - pluggable connectors?

6. Moving Fedora 6 (and other projects) to https://github.com/fcrepo  ?
   a. Current home: https://github.com/fcrepo4

7. T | Key | Summary | Assignee | Reporter | P | Status | Resolution | Created | Updated | Due
<table>
<thead>
<tr>
<th>Key</th>
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<tbody>
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<td>NonRdfSource descriptions are missing headers</td>
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<td>FCREP O-3246</td>
<td>Cannot create binary resources with content types claimed by RDF sources</td>
<td>Jared Whiklo</td>
<td>Peter Winckles</td>
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<td>FCREP O-3035</td>
<td>Add RDFSource updates to OCFL impl</td>
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<td>FCREP O-3020</td>
<td>Fix Direct and Indirect Container Import</td>
<td>Danny Bernstein</td>
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<td>Jul 08, 2019</td>
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<td>FCREP O-3017</td>
<td>Align External Content Handling in import export tool for 5.x roundtripping</td>
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<td>Jun 27, 2019</td>
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**Tickets**

1. In Review
2. Please squash a bug!

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<td>NonRdfSource descriptions are missing triples</td>
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<td>Unassigned Jared Whiklo</td>
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<td>FCREP O-3261</td>
<td>404 should not include low-level response</td>
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<td>FCREP O-3256</td>
<td>Ghost nodes should be immutable</td>
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<td>FCREP O-3252</td>
<td>Disallow creating mementos within the same second</td>
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<tr>
<td>FCREP O-3244</td>
<td>Response triples should reference URIs and not internal IDs</td>
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<td>FCREP O-3243</td>
<td>Fix concurrency issue when creating persistence sessions</td>
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<td>FCREP O-3238</td>
<td>Address naming collisions for .fcrepo files</td>
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<td>FCREP O-3145</td>
<td>Fix migration-util inline XML migration to not transform XML en route</td>
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Implement disambiguation pattern for OCFL filename collisions

Design a disambiguation pattern for the OCFL filenameing

Test HTTP -> Service layer

Unauthorized users can delete child resources

Creating external binary with bad URI and digest blows up

Prefer header 'omit' containing 'PreferMinima

Intermittent build failure

GET and PUT on resource/fcr:metadata/fcr: acl and resource/fcr: versions/fcr: acl return 400

Rebuild does not succeed for Binary resources

NonRdfSource descriptions are missing headers

Showing 20 out of 66 issues

3. Tickets resolved this week:

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5 issues

7 issues

Notes

1. Peter Winckles in the house!
   - Peter Winckles joined the Fedora Committers
   - Code signing keys should be updated
2. April Sprint Planning - April 6-10
   - Andrew Woods updated the sprint planning page and Fedora 6 Feature Tracking page:
     - for completed tasks
     - for tasks that need polishing
For uncompleted tasks

Messaging
- Which message bus should be used? See: 2020-04 Fedora 6 Sprint
- Aaron Birkland stick with Guava, because already known or implement our own, if there are problems (rather than learning a new framework)
- Wiring currently relies on Modeshape will need some refactoring

Containment index

Long running transactions
- goal: start and end transactions across multiple http requests
- mostly in place
- details/edge cases might need to be worked out

ACLs
- Andrew Woods suggests to drop “long running transactions” or “ACLs” from the sprint
- Danny Bernstein drop ACLs from the next sprint because rather well known

In-flight tickets

- FCREPO-3223 - IT: Restore FedoraLdpIT tests REOPENED can be merged
- FCREPO-3254 - Replace String resource IDs with new FedoraID class IN REVIEW https://github.com/fcrepo4/fcrepo4/pull/1648 has been merged, but Ticket still open because it needs more work

Fedora and Docker
- https://github.com/fcrepo4-labs/fcrepo-docker for official Fedora docker images
- we stick with separate repos (although I might need more maintenance) because it seems to be the preferred solution
- https://github.com/fcrepo4-labs/fcrepo4-docker
- rename to fcrepo-docker-compose? will be discussed next week
- Merging: https://github.com/fcrepo4/fcrepo4/pull/1646 ? - maybe not will be discussed next week

Containment Index will be discussed next week
Moving Fedora 6 (and other projects) to https://github.com/fcrepo ? will be discussed next week

Current home: https://github.com/fcrepo4

Actions

- **Who**: Clarify in documentation that multiple simultaneous writes to OCFL are not supported
- **Who**: After team has a chance to comment, send Ghost Node idea to general community for feedback
- **Who**: Decide who works on what in the next sprint