2020-02-06 - 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/my/fedora
  - Dial-in:
    +1 408 638 0968
    +1 646 876 9923
    +1 669 900 6833
  - Meeting ID:
    812 835 3771
- Join fedora-project.slack.com on the "tech" channel

Attendees

1. Danny Bernstein
2. Jared Whiklo
3. Ben Pennell
4. Daniel Lamb
5. Ben Cail
6. Andrew Woods
7. Thomas Bernhart
8. Bethany Seeger
9. David Wilcox

Agenda

1. Announcements
   a. Fedora 6 documentation space: Fedora 6.x Documentation
      - Updates/Corrections would be helpful... from top to bottom!
   b. Draft Fedora 6 test plan
      - Feedback welcome!
   c. South Central States Fedora Users Group Meeting: 29-30 January 2020
   d. Islandora Fedora Camp at AZU at the end of February
2. JIRAs in review
   a. Containment Index
      - Tester/Reviewer needed
      - Second reviewer and/or merge
   c. 🟢 FCREPO-3036 - Add RDFSource updates to OCFL impl
   d. 🔴 FCREPO-3187 - Migration-utils 4.4.1 does not complete specified limit during testing
3. Next Fedora Demo
   a. What?
      1. Options
      2. Nesting resources in OCFL with Archival Groups
      3. Rebuild
      4. ?
   b. Who?
   c. When?
4. Backwards compatibility document
5. Fedora 6 docker container(?) update
6. <your topic here>

Tickets

Full list of Fedora 6.0.0 Unclosed

<table>
<thead>
<tr>
<th>T</th>
<th>Key</th>
<th>Summary</th>
<th>Assignee</th>
<th>Reporter</th>
<th>P</th>
<th>Status</th>
<th>Resolution</th>
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<td>NonRdfSource descriptions are missing triples</td>
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<td>Update SMT documentation for fcrepo6</td>
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<td>Implement Transaction Expiration</td>
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<td>Persist containment relationships to OCFL</td>
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<td>Document OCFL limitations related to paths and OS limitations</td>
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<td>User provided RDF does not get the correct subject</td>
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<td>Verify that containment relationships are being displayed in HTML UI</td>
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<td>Refactor rebuild logic to include containment index rebuild</td>
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Showing 20 out of 177 issues

1. In Review
1. Rebuild does not succeed for Binary resources
   - Jared Whiklo
   - Andrew Woods
   - Ready for Test
   - Created: Apr 02, 2020
   - Updated: Apr 04, 2020

2. Replace String resource IDs with new FedoraID class
   - Jared Whiklo
   - Andrew Woods
   - Ready for Test
   - Created: Mar 19, 2020
   - Updated: Apr 04, 2020

3. Cannot create binary resources with content types claimed by RDF sources
   - Jared Whiklo
   - Peter Winckles
   - Ready for Test
   - Created: Mar 10, 2020
   - Updated: Apr 02, 2020

4. Add RDFSource updates to OCFL impl
   - Andrew Woods
   - Andrew Woods
   - Ready for Test
   - Created: Aug 01, 2019
   - Updated: Mar 02, 2020

5. Fix Direct and Indirect Container Import
   - Danny Bernstein
   - Danny Bernstein
   - Fixed
   - Created: Jul 08, 2019
   - Updated: Jul 12, 2019

6. Align External Content Handling in import export tool for 5.x roundtripping.
   - Danny Bernstein
   - Danny Bernstein
   - Fixed
   - Created: Jun 27, 2019
   - Updated: Jul 12, 2019

7. Float value not updated when current value rounds to the new one
   - Yinlin Chen
   - Kevin Ford
   - Fixed
   - Created: Mar 27, 2018
   - Updated: May 30, 2018

7 issues

2. Please squash a bug!
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<th>Description</th>
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<th>Close Date</th>
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<td>Response triples should reference URIs and not internal IDs</td>
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<td>Fix concurrency issue when creating persistence sessions</td>
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<td>Address naming collisions for fcrepo files</td>
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<td>FCREP O-3234</td>
<td>PaxExam update needed to support Maven's HTTPS requirement</td>
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<td>Fix migration-util inline XML migration to not transform XML en route</td>
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<td>Andrew Woods Scott Prater</td>
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<td>FCREP O-3140</td>
<td>Implement disambiguation pattern for OCFL file naming collisions</td>
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<td>Design a disambiguation pattern for the OCFL filenaming</td>
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<td>Test HTTP &gt; Service layer</td>
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<td>FCREP O-3114</td>
<td>Unauthorized users can delete child resources</td>
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<td>FCREP O-3070</td>
<td>Creating external binary with bad URI and digest blows up</td>
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<td>FCREP O-3037</td>
<td>Prefer header 'omit' containing 'PreferMinima</td>
<td>Container' URL not honored</td>
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<td>FCREP O-3022</td>
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<td>Jul 15, 2019</td>
<td>Jul 16, 2019</td>
<td>Unassigned Aaron Birkland</td>
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3. Tickets resolved this week:

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<th>Key</th>
<th>Summary</th>
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<td>Jared Whiklo</td>
<td>Andrew Woods</td>
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<tr>
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<td>NonRdfSource descriptions are missing headers</td>
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<td>Jared Whiklo</td>
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<td>Cannot create binary resources with content types claimed by RDF sources</td>
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5 issues

4. Tickets created this week:

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1. Sprint Checking: 14 issues completed
   a. PR remaining for the containment index from Peter Eichman. Needs some Spring work.
   b. Questions were raised about the containment index and versioning, and versioned containment info will be contained in side-car files. Rebuild PR needs more testing. Bethany Seeger volunteered
   c. Migration-utils are being tested
   i. There are issues building it in windows that Aaron Birkland has encountered

2. Next Fedora Demo
   a. Feedback from leadership includes a desire for more realistic fixtures (e.g. more versions contained in OCFL)
   b. Next demo could be persisting binaries and metadata with multiple versions.

3. Backwards compatibility docs
   a. No ideal solution to handling the removal of pair trees. Either you collapse the pair trees to keep the containment hierarchy but your uris change, or you convert your pair trees to containers and keep your uris but the containment hierarchy changes.
   b. Another option is to not mint the pair trees at all, and in A/B/C/D, if A contains D, then A/B and A/B/C don't exist.

4. Docker container
   a. There are issues with the name for the container on Dockerhub. Thomas Bernhart suggested putting it up under an interim name for the time being.

Notes

7 issues

Actions

☐ Clarify in in documentation that multiple simultaneous writes to OCFL are not supported