2019-06-20 - 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://duraspace.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

Attendee

1. Danny Bernstein
2. Jared Whiklo
3. Daniel Lamb
4. David Wilcox
5. Ben Pennell
6. Peter Eichman
7. Bethany Seeger
8. Andrew Woods
9. Paul Cummins

Agenda

1. Announcements
   a. Fedora 6 Sprint Doodle
2. OR Reflections
3. Fedora 5.1.0 Release
   a. Current PRs:
4. Current PRs
5. Import Export
6. OAI-PMH Support in 6? People are asking...
7. Fedora 6.0.0 Sprint planning
   a. Sprint dates July or September?
   b. It would be great to involve the broader community... Ralf Claussnitzer?
   c. High-level roadmap
   d. Development Roadmap
      i. Where do we want to be when Sprint 1 starts in September
      ii. What are the (hard) problems we need to solve (validate) upfront
         1. Active Objects
         a. Locking/Transactions
         2. Many members
         3. Fast writes
8. Introduction fcrepo-kubernetes

Tickets

1. In Review

<table>
<thead>
<tr>
<th>T</th>
<th>Key</th>
<th>Summary</th>
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<tbody>
<tr>
<td></td>
<td>FCREP O-3268</td>
<td>Rebuild does not succeed for Binary resources</td>
<td>Jared Whiklo</td>
<td>Andrew Woods</td>
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<td>Apr 02, 2020</td>
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<td></td>
<td>FCREP O-3254</td>
<td>Replace String resource IDs with new FedoraID class</td>
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</tbody>
</table>
1. **FCREP O-3246**  
   Cannot create binary resources with content types claimed by RDF sources  
   Jared Whiklo  
   Peter Winckles  
   **IN REVIEW**  
   Ready for Test  
   Mar 10, 2020  
   Apr 02, 2020

2. **FCREP O-3035**  
   Add RDFSource updates to OCFL impl  
   Andrew Woods  
   Andrew Woods  
   **IN REVIEW**  
   Ready for Test  
   Aug 01, 2019  
   Mar 02, 2020

3. **FCREP O-3020**  
   Fix Direct and Indirect Container Import  
   Danny Bernstein  
   Danny Bernstein  
   **IN REVIEW**  
   Fixed  
   Jul 08, 2019  
   Jul 12, 2019

4. **FCREP O-3017**  
   Align External Content Handling in import export tool for 5.x roundtripping.  
   Danny Bernstein  
   Danny Bernstein  
   **IN REVIEW**  
   Fixed  
   Jun 27, 2019  
   Jul 12, 2019

5. **FCREP O-2740**  
   Float value not updated when current value rounds to the new one  
   Yinlin Chen  
   Kevin Ford  
   **IN REVIEW**  
   Fixed  
   Mar 27, 2018  
   May 30, 2018

**7 issues**

2. Please squash a bug!
<table>
<thead>
<tr>
<th>RFCREP</th>
<th>O-3238</th>
<th>Address naming collisions for fcrepo files</th>
<th>Feb 20, 2020</th>
<th>Feb 21, 2020</th>
<th>Unassigned</th>
<th>Peter Winckles</th>
<th>Unresolved</th>
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</thead>
<tbody>
<tr>
<td>RFCREP</td>
<td>O-3234</td>
<td>PaxExam update needed to support Maven's HTTPS requirement</td>
<td>Feb 20, 2020</td>
<td>Feb 20, 2020</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
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<tr>
<td>RFCREP</td>
<td>O-3145</td>
<td>Fix migration-util inline XML migration to not transform XML en route</td>
<td>Nov 25, 2019</td>
<td>Mar 02, 2020</td>
<td>Andrew Woods</td>
<td>Scott Prater</td>
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<tr>
<td>RFCREP</td>
<td>O-3140</td>
<td>Implement disambiguation pattern for OCFL file naming collisions</td>
<td>Nov 21, 2019</td>
<td>Mar 20, 2020</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
<td>Unresolved</td>
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<tr>
<td>RFCREP</td>
<td>O-3139</td>
<td>Design a disambiguation pattern for the OCFL filenaming</td>
<td>Nov 21, 2019</td>
<td>Apr 03, 2020</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
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<tr>
<td>RFCREP</td>
<td>O-3138</td>
<td>Test HTTP - &gt; Service layer</td>
<td>Nov 21, 2019</td>
<td>Nov 22, 2019</td>
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<td>RECEIVED Unresolved</td>
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<tr>
<td>RFCREP</td>
<td>O-3114</td>
<td>Unauthorized users can delete child resources</td>
<td>Nov 07, 2019</td>
<td>Nov 07, 2019</td>
<td>Unassigned</td>
<td>Danny Bernstein</td>
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<tr>
<td>RFCREP</td>
<td>O-3070</td>
<td>Creating external binary with bad URI and digest blows up</td>
<td>Sep 24, 2019</td>
<td>Sep 24, 2019</td>
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<td>Ben Pennell</td>
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<tr>
<td>RFCREP</td>
<td>O-3037</td>
<td>Prefer header 'omit' containing 'PreferMinima !Container' URL not honored</td>
<td>Sep 06, 2019</td>
<td>Nov 22, 2019</td>
<td>Unassigned</td>
<td>Bethany Seeger</td>
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<tr>
<td>RFCREP</td>
<td>O-3022</td>
<td>Intermittent build failure</td>
<td>Jul 15, 2019</td>
<td>Jul 16, 2019</td>
<td>Unassigned</td>
<td>Aaron Birklad</td>
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<tr>
<td>RFCREP</td>
<td>O-3003</td>
<td>JSON-LD representation of rdf:Lists is incorrect</td>
<td>Jun 03, 2019</td>
<td>Jun 03, 2019</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
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<tr>
<td>RFCREP</td>
<td>O-2998</td>
<td>Potential issue with namespace registry</td>
<td>May 22, 2019</td>
<td>Jun 21, 2019</td>
<td>Bethany Seeger</td>
<td>Anna Dabrowski</td>
<td>OPEN Unresolved</td>
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### 3. Tickets resolved this week:

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<td>FCREP O-3263</td>
<td>NonRdfSource descriptions are missing headers</td>
<td>Apr 01, 2020</td>
<td>Apr 02, 2020</td>
<td>Jared Whiklo</td>
<td>Jared Whiklo</td>
<td>CLOSED</td>
<td>Fixed</td>
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<td>FCREP O-3259</td>
<td>User provided RDF does not get the correct subject</td>
<td>Mar 26, 2020</td>
<td>Mar 31, 2020</td>
<td>Andrew Woods</td>
<td>Jared Whiklo</td>
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5 issues

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<tr>
<td>FCREP O-3269</td>
<td>NonRdfSource descriptions are missing triples</td>
<td>Apr 02, 2020</td>
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<td>FCREP O-3267</td>
<td>Update SMT documentation for lcrepo8</td>
<td>Apr 02, 2020</td>
<td>Apr 02, 2020</td>
<td>Ben Pennell</td>
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<td>FCREP O-3266</td>
<td>Implement Transaction Expiration</td>
<td>Apr 01, 2020</td>
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<td>Danny Bernstein</td>
<td>OPEN</td>
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<td>Implement cancel transaction on transaction endpoint</td>
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<td>FCREP O-3264</td>
<td>Implement Start and Commit of multi-request spanning transactions</td>
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**Notes**

- **Sprint**
  - Sprint has been locked down for September
  - Creating Pilot slack channel for those running pilot projects
- **OR Reflections**
  - OCFL well received, bodes well for Fedora 6
  - Bethany Seeger has #regret for missing the Duraspace rager
- **5.1.0 Release**
  - [https://github.com/fcrepo4/fcrepo4/pull/1531](https://github.com/fcrepo4/fcrepo4/pull/1531) needs review
  - 5.1.0 RC2 will be cut after it is merged
  - Daniel Lamb will test with an Islandora 8 instance
- **Import/Export**
  - Fedor 3 6 migration is separate from Import/Export proper, but related.
  - Current thoughts are to use a file system transform
- **OAI-PMH?**
  - An often asked for feature. A Fedora 4 plugin exists, but maintenance support for it hasn't materialized from the community.
  - Would be pretty easy to do once the search feature is implemented in Fedora 6
  - Should be formalized into a feature request for 6
- **Kubernetes**
  - Lots of interest, but some features, particularly transactions, are incredibly difficult in distributed environments

**Actions**

- Peter Eichman is planning to work on documenting UMD's fixity check system on the [Fedora in Production: Case Studies](https://wiki fedora Fedora in Production: Case Studies) wiki page.
- Jared Whiklo to fix Java 11 javadoc errors in a new ticket, link to fc repo-2958