2018-01-18 - Fedora Tech Meeting

Time/Place

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

- Time: 11:00am Eastern Daylight Time US (UTC-4)
- Dial-in Number: (712) 775-7035
  - Participant Code: 479307#
  - International numbers: Conference Call Information
- IRC:
  - Join the #fcrepo chat room via Freenode Web IRC (enter a unique nick)
  - Or point your IRC client to #fcrepo on irc.freenode.net

Attendees

- Peter Eichman
- Aaron Birkland
- Esmé Cowles
- Andrew Woods
- David Wilcox
- Bethany Seeger
- Ben Pennell
- Jared Whiklo
- Joshua Westgard
- Michael Durbin
- Doron Shalvi
- Yinlin Chen

Agenda

1. 4.7.5 release testing
2. Moving into alignment with the spec
   a. Sprint date options
3. Pairtree/Appletree options
4. ...

Ticket Summaries

1. Please squash a bug!

<table>
<thead>
<tr>
<th>Key</th>
<th>Summary</th>
<th>T Created</th>
<th>Updated</th>
<th>Due</th>
<th>Assignee</th>
<th>Reporter</th>
<th>P</th>
<th>Status</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCREP O-3269</td>
<td>NonRdfSource descriptions are missing triples</td>
<td>Apr 02, 2020</td>
<td>Apr 02, 2020</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
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<td>FCREP O-3261</td>
<td>404 should not include low-level response</td>
<td>Mar 26, 2020</td>
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<td>FCREP O-3257</td>
<td>PUT on existing container should be 409</td>
<td>Mar 20, 2020</td>
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<td>FCREP O-3256</td>
<td>Ghost nodes should be immutable</td>
<td>Mar 20, 2020</td>
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<td>FCREP</td>
<td>Issue Description</td>
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<td>O-3252</td>
<td>Disallow creating mementos within the same second</td>
<td>Mar 17, 2020</td>
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<td>O-3244</td>
<td>Response triples should reference URIs and not internal IDs</td>
<td>Mar 09, 2020</td>
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<td>O-3243</td>
<td>Fix concurrency issue when creating persistence sessions</td>
<td>Mar 09, 2020</td>
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<td>O-3238</td>
<td>Address naming collisions for .fcrepo files</td>
<td>Feb 20, 2020</td>
<td>Feb 21, 2020</td>
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<td>O-3234</td>
<td>PaxExam update needed to support Maven's HTTPS requirement</td>
<td>Feb 20, 2020</td>
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<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, Scott Prater</td>
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<td>O-3140</td>
<td>Implement disambiguation pattern for OCFL file naming collisions</td>
<td>Nov 21, 2019</td>
<td>Mar 20, 2020</td>
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<td>O-3139</td>
<td>Design a disambiguation pattern for the OCFL filenaming</td>
<td>Nov 21, 2019</td>
<td>Apr 03, 2020</td>
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<td>O-3138</td>
<td>Test HTTP - &gt; Service layer</td>
<td>Nov 21, 2019</td>
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<td>O-3114</td>
<td>Unauthorized users can delete child resources</td>
<td>Nov 07, 2019</td>
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<td>O-3110</td>
<td>Creating external binary with bad URI and digest blows up</td>
<td>Sep 24, 2019</td>
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<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>
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<td>O-3022</td>
<td>Intermittent build failure</td>
<td>Jul 15, 2019</td>
<td>Jul 16, 2019</td>
<td>Unassigned</td>
<td>OPEN</td>
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<tr>
<td>FCREPO-3268</td>
<td>Rebuild does not succeed for Binary resources</td>
<td></td>
<td>Apr 02 2020</td>
<td>Apr 04 2020</td>
<td>Jared Whiklo</td>
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<td>FCREPO-3263</td>
<td>NonRdfSource descriptions are missing headers</td>
<td></td>
<td>Apr 01 2020</td>
<td>Apr 02 2020</td>
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<td>FCREPO-3259</td>
<td>User provided RDF does not get the correct subject</td>
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<td>Mar 26 2020</td>
<td>Mar 31 2020</td>
<td>Andrew Woods</td>
<td>Jared Whiklo</td>
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<td>FCREPO-3254</td>
<td>Replace String resource IDs with new FedoraID class</td>
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<td>Mar 19 2020</td>
<td>Apr 04 2020</td>
<td>Jared Whiklo</td>
<td>Andrew Woods</td>
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<td>Ready for Test</td>
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<td>FCREPO-3246</td>
<td>Cannot create binary resources with content types claimed by RDF sources</td>
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<td>Mar 10 2020</td>
<td>Apr 02 2020</td>
<td>Jared Whiklo</td>
<td>Peter Winckles</td>
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<td>IN REVIEW</td>
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### 2. Tickets resolved this week:
- **FCREP O-3005**: GET and PUT on resource/fcr: metadata/fcr: acl and resource/fcr: versions/fcr: acl return 400
  - Created: Jun 06, 2019
  - Updated: Jun 06, 2019
  - Assignee: Danny Bernstein
  - Reporter: Danny Bernstein
  - Status: OPEN
  - Resolution: Unresolved

- **FCREP O-3003**: JSON-LD representation of rdf:Lists is incorrect
  - Created: Jun 03, 2019
  - Updated: Jun 03, 2019
  - Assignee: Unassigned
  - Reporter: Jared Whiklo
  - Status: OPEN
  - Resolution: Unresolved

- **FCREP O-2998**: Potential issue with namespace registry
  - Created: May 22, 2019
  - Updated: Jun 21, 2019
  - Assignee: Bethany Seeger
  - Reporter: Anna Dabrowski
  - Status: OPEN
  - Resolution: Unresolved

### 3. Tickets created this week:
- **FCREP O-3269**: NonRdfSource descriptions are missing triples
  - Created: Apr 02, 2020
  - Updated: Apr 02, 2020
  - Assignee: Unassigned
  - Reporter: Jared Whiklo
  - Status: OPEN
  - Resolution: Unresolved

- **FCREP O-3268**: Rebuild does not succeed for Binary resources
  - Created: Apr 02, 2020
  - Updated: Apr 04, 2020
  - Assignee: Jared Whiklo
  - Reporter: Andrew Woods
  - Status: IN REVIEW
  - Resolution: Ready for Test
3. Minutes

1. **Who is going to Open Repositories?** Esme, Josh, Doron, Bethany, Ben, Mike (on the fence), David. No specified interest group session, but still supposed to identify. Maybe get together for some sort of Fedora dinner and discussion.

2. **Same for Code4Lib** - Yinlin, Josh, Esme, Ben, Peter attending. Josh to coordinate a Fedora event.

3. **4.7.5 Testing**
   a. Esme is handling Samvera testing
   b. Jared to test with CLAW and API-X
   c. Anyone has a Windows machine for testing. Have to wait for Aaron.
   d. CVE warnings...is everyone seeing those? Peter and Josh are seeing them. [http://www.victi.ms/](http://www.victi.ms/) is throwing 503 Service Available
   e. Database testing. Josh to try both databases on OSX, Jared to try both databases on Linux.
   f. Backup/restore both release backup to release restore and previous backup to release restore.
   g. Targeting February for release.
   h. Carrick from North Western has offered to do some fuller integration testing. Andrew will reach out to see what can be done.

4. **API alignment sprint**
   a. Please fill out your availability for the dates provided.
   b. The spreadsheet has many tests to tell where we are in alignment.
   c. Also good to try out the test compatibility suite.
   d. For something like messaging there are some things Fedora does with regard to referential integrity (which is fine), but it also emits messages for hash uris. That is notable, but not necessarily in conflict with the spec. Should these types of differing or additional functionality be noted somewhere?

5. **Pairtree / Appletree**
   a. Which way do we want to configure it?
   b. What about implement pairtrees as in Modeshape, but in the API the pairtrees are not resolvable instead return a 404. Possibly allow you to PUT an intermediary resource later.
   c. Some performance testing would be helpful.

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<tr>
<th>FCREP</th>
<th>O-3267</th>
<th>Update SMT documentation for fcrepo6</th>
<th>Apr 02, 2020</th>
<th>Apr 02, 2020</th>
<th>Ben Pennell</th>
<th>Ben Pennell</th>
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<tr>
<td>FCREP</td>
<td>O-3266</td>
<td>Implement Transaction Expiration</td>
<td>Apr 01, 2020</td>
<td>Apr 01, 2020</td>
<td>Unassigned</td>
<td>Danny Bernstein</td>
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<td>Unresolved</td>
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<tr>
<td>FCREP</td>
<td>O-3265</td>
<td>Implement cancel transaction on transaction endpoint</td>
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<td>FCREP</td>
<td>O-3264</td>
<td>Implement Start and Commit of multi-request spanning transactions</td>
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