2018-08-23 - 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

Attendees
1. Danny Bernstein
2. Peter Eichman
3. Bethany Seeger
4. Jared Whiklo
5. David Wilcox
6. James Silas Creel
7. Andrew Woods
8. Kevin Ford
9. Aaron Birkland
10. Michael Durbin
11. Ben Pennell
12. Longshou Situ

Agenda
1. Announcements
2. Weekly Progress Update
   a. JIRAs Closed
      i. FCREPO-2825 - Section 5.9: The default, root ACL is not accessible [CLOSED]
      ii. FCREPO-2801 - Section 3.9: Ensure External Content responses include correct "constrainedBy" information [CLOSED]
      iii. FCREPO-2797 - Split out External Content FedoraLdpIT tests into own file [CLOSED]
      iv. FCREPO-2633 - Use acl:agentGroup to reference vcard:Group containing vcard:hasMember(s) [CLOSED]
   b. JIRAs in Review
      i. FCREPO-2718 - Section 5.7.3: Disallow PUT, POST, and DELETE on LDP-NR where acl:Append applies [CLOSED]
      ii. FCREPO-2824 - Section 5.9: Add an acl:default statement to the root ACL [CLOSED]
   c. CTS Progress Report
      i. 14 new tests added by two contributors
   d. Documentation Efforts
3. State of WebAC
4. State of JIRA
   a. (Fedora 5.0.0 Preparation Tasks)
5. Review of Pre-Sprint Opportunities for Contribution (In other words: what can we do this week)
   a. Review the Jira List
   a. Ideas for coming week
      i. Low hanging fruit (once 2742 is merged)
         1. FCREPO-2843 - WebAC READ access fails on HEAD [CLOSED]
         2. FCREPO-2844 - Stacktrace on /fcr:acl PUT with undefined RDF prefix [CLOSED]
      ii. A little higher in the tree:
         1. FCREPO-2743 - Section 5.0 Support acl:Control in ACLs [CLOSED]
6. Why is the OriginalResource link header required for creating a Versionable object?

**Ticket Summaries**

1. Please squash a bug!

<table>
<thead>
<tr>
<th>Key</th>
<th>Summary</th>
<th>Created</th>
<th>Updated</th>
<th>Due</th>
<th>Assignee</th>
<th>Reporter</th>
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<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 Winckles</td>
<td>Scott Prater</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>
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<td>FCREP O-3256</td>
<td>Ghost nodes should be immutable</td>
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<td>Disallow creating mementos within the same second</td>
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<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-3234</td>
<td>PaxExam update needed to support Maven's HTTPS requirement</td>
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<td>FCREP O-3145</td>
<td>Fix migration-util inline XML migration to not transform XML en route</td>
<td>Nov 25, 2019</td>
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<td>FCREP 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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1. Tickets resolved this week:

<table>
<thead>
<tr>
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<td>Design a disambiguation pattern for the OCFL filenaming</td>
<td>Nov 21, 2019</td>
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<td>FCREP O-3138</td>
<td>Test HTTP - Service layer</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’ (Container) URL not honored</td>
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<td>Nov 22, 2019</td>
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<td>FCREP O-3022</td>
<td>Intermittent build failure</td>
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<td>Jul 16, 2019</td>
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<td>FCREP O-3003</td>
<td>JSON-LD representation of rdf:Lists is incorrect</td>
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<td>FCREP O-2998</td>
<td>Potential issue with namespace registry</td>
<td>May 22, 2019</td>
<td>Jun 21, 2019</td>
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Showing 20 out of 66 issues

2. Tickets resolved this week:

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<tbody>
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<td>FCREP O-3268</td>
<td>Rebuild does not succeed for Binary resources</td>
<td>Apr 02, 2020</td>
<td>Apr 04, 2020</td>
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<td>Andrew Woods</td>
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<td>REVIEW</td>
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<td>FCREP O-3263</td>
<td>NonRdfSource descriptions are missing headers</td>
<td>Apr 01, 2020</td>
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<td>Jared Whiklo</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>
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<td>Andrew Woods</td>
<td>Jared Whiklo</td>
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<td>CLOSED</td>
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</tr>
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</table>
Minutes

1. **Upcoming sprint Sept. 10.**
2. Johns Hopkins University are starting up a pilot with CLAW. Aaron Birkland is the technical point for that and will be learning about it and Drupal. Internally JHU are going to migrate some of their existing IRs to CLAW and see how that goes. 4 tickets closed this week. Also a couple PRs in review.
3. Kevin Ford while testing via documentation found that you are able to version a non-versionable resource. a. Question is must you add the OriginalResource header to create a version. The specification seems unclear as it doesn't specify that this interaction is not allowed. b. However it does allow the weird interaction that you can't GET the TimeMap but you can POST to it. c. If we allow this to remain it might cause us problems if we close this loophole later.
5. Peter Eichman has a PR that will resolve acl:Append and move us very close to being feature complete. Only acl:Control will be remaining.
7. Less than 10 issues remaining. 2 new bugs taken by Peter Eichman and Longshou Situ (clap)(clap)

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**Tickets created this week:**

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<tbody>
<tr>
<td>FCREP O-3254</td>
<td>Replace String resource IDs with new FedoraID class</td>
<td>Mar 19, 2020</td>
<td>Apr 04, 2020</td>
<td>Jared Whiklo</td>
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<td>Ready for Test</td>
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<td>FCREP O-3246</td>
<td>Cannot create binary resources with content types claimed by RDF sources</td>
<td>Mar 10, 2020</td>
<td>Apr 02, 2020</td>
<td>Jared Whiklo</td>
<td>Peter Winckles</td>
<td>In Review</td>
<td>Ready for Test</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5 issues

3. Tickets created this week:

- **FCREP O-3269** NonRdfSource descriptions are missing triples
- **FCREP O-3268** Rebuild does not succeed for Binary resources
- **FCREP O-3267** Update SMT documentation for fcrepo6
- **FCREP O-3266** Implement Transaction Expiration
- **FCREP O-3265** Implement cancel transaction on transaction endpoint
- **FCREP O-3264** Implement Start and Commit of multi-request spanning transactions
- **FCREP O-3263** NonRdfSource descriptions are missing headers

7 issues
8. How do we get more people involved in the CTS development? An hour walkthrough? Jared Whiklo thinks that it will depend on each person's interest, availability, and learning style.

Actions

- Aaron B. will re-scope to be a documentation issue: FCREPO-2637 - Document using WebAC for non-authenticated reads [CLOSED]
- Bethany will look at this ticket and wrap it up this week: FCREPO-2801 - Section 3.9: Ensure External Content responses include correct "constrainedBy" information [CLOSED]

Future Agenda Topics:

- Amherst College's acrepo apache camel services: https://gitlab.amherst.edu/acdc/repository-extension-services
- Reviving OAI