2018-08-30 - 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. Peter Eichman
2. Bethany Seeger
3. Jared Whiklo
4. David Wilcox
5. Andrew Woods
6. Kevin Ford
7. Michael Durbin
8. Ben Pennell
9. Longshou Situ

Agenda

1. Announcements
2. Weekly Progress Update
   a. JIRAs Closed
      i. FCREPO-2717 - Section 5.7.1: A PUT on an LDP-RS should be denied if acl:Append applies [CLOSED]
      ii. FCREPO-2718 - Section 5.7.3: Disallow PUT, POST, and DELETE on LDP-NR where acl:Append applies [CLOSED]
      iii. FCREPO-2824 - Section 5.9: Add an acl:default statement to the root ACL [CLOSED]
      iv. FCREPO-2846 - POST to fcr:versions on non-versioned resources succeeds [CLOSED]
      v. FCREPO-2843 - WebAC READ access fails on HEAD [CLOSED]
   b. JIRAs in Review
      i. FCREPO-2844 - Stacktrace on /fcr:acl PUT with undefined RDF prefix [CLOSED]
   c. CTS Progress Report
      i. 1 PR Awaiting more feedback: https://github.com/fcrepo/Fedora-API-Test-Suite/pull/150
   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-2844 - Stacktrace on /fcr:acl PUT with undefined RDF prefix [CLOSED]
         2. FCREPO-2850 - Innaccurate error message when POSTing to LDPCv with memento-header but no body [CLOSED]
         3. FCREPO-2851 - Incorrect status code and message for not appropriate Accept-datetime value [CLOSED]
      ii. A little higher in the tree:
         1. FCREPO-2743 - Section 5.0 Support acl:Control in ACLs [CLOSED]
         2. FCREPO-2698 - Section 5.9: Implement support for acl:default [CLOSED]
6. Why is the OriginalResource link header required for creating a Versionable object?

7. Community contribution: [FCREPO-2534](https://example.com) - Mixed content in Fedora UI when used with SSL [CLOSED]

Ticket Summaries

1. Please squash a bug!

<table>
<thead>
<tr>
<th>Key</th>
<th>Summary</th>
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<th>Updated</th>
<th>Due</th>
<th>Assignee</th>
<th>Reporter</th>
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<th>Status</th>
<th>Resolution</th>
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<tbody>
<tr>
<td>FCREPO O-3697</td>
<td>Multi-request transactions can be put in a bad state</td>
<td>Apr 14, 2021</td>
<td>Apr 29, 2021</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
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<td>[OPEN]</td>
<td>Unresolved</td>
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<td>FCREPO O-3655</td>
<td>application/link-format returns multiple entries for the same second</td>
<td>Feb 25, 2021</td>
<td>Mar 03, 2021</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
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<td>[OPEN]</td>
<td>Unresolved</td>
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<td>FCREPO O-3635</td>
<td>Fedora 6 does not start on Jetty 11 or Tomcat 10</td>
<td>Feb 16, 2021</td>
<td>Feb 19, 2021</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
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<td>FCREPO O-3620</td>
<td>Fedora 5 -&gt; 6 upgrade fails if a Fedora 5 export has retrieved the external binaries</td>
<td>Jan 29, 2021</td>
<td>Apr 29, 2021</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
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<td>[OPEN]</td>
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<td>FCREPO O-3589</td>
<td>Membership/container not returned as inbound references</td>
<td>Jan 06, 2021</td>
<td>Jan 27, 2021</td>
<td>Unassigned</td>
<td>Ben Pennell</td>
<td></td>
<td></td>
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<td>FCREPO O-3585</td>
<td>Rollback with auto-versioning disabled can leave Fedora in an inconsistent state</td>
<td>Dec 09, 2020</td>
<td>Feb 03, 2021</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
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<td>[OPEN]</td>
<td>Unresolved</td>
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<td>FCREPO O-3584</td>
<td>Resource locking does not take into account ghost nodes</td>
<td>Dec 09, 2020</td>
<td>Feb 03, 2021</td>
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<td>Peter Winckles</td>
<td></td>
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<td>[OPEN]</td>
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<td>FCREPO O-3538</td>
<td>Wildcard searches and ids containing *</td>
<td>Nov 19, 2020</td>
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<td>[OPEN]</td>
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<td>FCREPO O-3521</td>
<td>Ensure all RDF formats supported in fcrepo-import-export also available in fcrep-upgrade-utils</td>
<td>Nov 06, 2020</td>
<td>Nov 30, 2020</td>
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<td>Danny Bernstein</td>
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1. Tickets resolved this week:

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<td>FCREP O-3423</td>
<td>ACLs not displayed property</td>
<td>Sep 12, 2020</td>
<td>Nov 18, 2020</td>
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<td>Disallow creating mementos within the same second</td>
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<td>Nov 18, 2020</td>
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<td>FCREP O-2263</td>
<td>Reserved Characters in fragments are encoded by UriBuilder</td>
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<td>Christopher Johnson</td>
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15 issues

2. Tickets created this week:

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No issues found

3. Tickets created this week:

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No issues found

Minutes

Announcements

- Fedora IMLS grant awarded to investigate barriers to upgrade/migrate to Fedora 4.x. Work starting this Fall.

Weekly Progress Update

- Andrew leaving room for others to review PRs
- Stacktrace on /fcr:acl PUT with undefined RDF prefix
  - Ready to be merged in after one more review
  - https://github.com/fcrepo/Fedora-API-Test-Suite/pull/150
  - Concerns have been addressed
- Documentation effort
  - Kevin has been working on this, particularly with regard to versioning

State of WebAC

- In good shape for upcoming sprint
- Only missing feature for spec compliance is ACL control
- Peter will make a ticket to look through AuthCommon for deprecations

JIRA Tickets

- 5.0.0 preparation tasks
- Need to review list of tasks not in the API alignment epic
- **FCREPO-2753** - Decouple WebACL implementation from Modeshape
  - Still some coupling to ModeShape in role provider
  - Bethany will work on this

- **FCREPO-2848** - Triples in mementos not the same as in original resource
  - Not much work left to do on this one

- **FCREPO-2642** - Example credentials to be URIs
  - Use URIs instead of strings to identify people in WebACs. Basic auth doesn't allow URIs instead of strings. Andrew will close the ticket

- **FCREPO-2743** - Section 5.0 Support acl:Control in ACLs
  - This will be discussed more actively next week as we dig into the sprint work

- **FCREPO-2844** - Stacktrace on /fcr:acl PUT with undefined RDF prefix
  - Peter running tests now, should be able to resolve today

- **FCREPO-2698** - Section 5.9: Implement support for acl:default
  - Longshou working on this, close to finished

- **FCREPO-2847** - OPTIONS requests fail even when user has acl:Read permissions on a resource
  - Peter needs to add a couple tests. Will finish later this week or early next week

- **FCREPO-2839** - Update RESTful Http API docs for external content config
  - External content documentation task.

- **FCREPO-2803** - Audit how events are generated on new inbound references
  - Research task. Is there a way to decouple this? Marked as minor but could be a major issue for API-X, reindexing, etc.
  - Jared could take a look between sprints.

- **FCREPO-2778** - Configure principal providers in the fcrepo-auth-webac integration tests
  - Need to make sure tests are passing. Should be a quick review.

- **FCREPO-2634** - Mixed content in Fedora UI when used with SSL
  - Is the approach taken here one that we want to pull in?

- **FCREPO-2850** - Innaccurate error message when POSTing to LDPCv with memento-header but no body
  - Both tickets are low hanging fruit

**Actions**

**Future Agenda Topics:**

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