2018-08-02 - 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](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

- Danny Bernstein
- Peter Eichman
- Andrew Woods
- Ben Pennell
- David Wilcox
- Bethany Seeger
- Aaron Birklad
- Kevin Ford

Agenda

1. **Fedora 5.0.0 Preparation Tasks**
   a. Work completed in the last 2 weeks:
      i. Jiras:
         1. **FCREPO-2819** - Section 3.9: Cannot create external content via POST  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
         2. **FCREPO-2820** - Remove support for Content-Location on PUT/POST/PATCH  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
         3. **FCREPO-2808** - Section 5.1: PUT requests to fcr:acl should accept RDF bodies  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
         4. **FCREPO-2827** - External-Content proxy does not read remote Content-type  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
      ii. CTS: 3 commits
      iii. Documentation
   b. In Review:
      i. **FCREPO-2752** - Section 3.9: Ensure that HEAD and GET to External Content Contain Required Headers  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
      ii. **FCREPO-2771** - Mementos have incorrect subject returned  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
      iii. **FCREPO-2821** - Section 4.3.4: Return 405 on PUT to LDPCv  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
      iv. **FCREPO-2822** - Section 5.4: Respond with a 4xx if a PUT/POST request has a rel="acl" Link header  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
   c. Status of key Jiras:
      i. **FCREPO-2742** - Section 5: Allow single-document ACLs using hash URIs for authorizations.  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
   d. Ideas for this week
      i. Low hanging fruit
         1. **FCREPO-2801** - Section 3.9: Ensure External Content responses include correct "constrainedBy" information  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
      2. **FCREPO-2828** - Update External Content documentation for allow list  [CLOSED](https://github.com/fcrepo4/fcrepo4/pull/1375)
      3. Do a code review
      4. Join the test suite challenge: Write two tests before the next meeting.

2. All API Alignment Issues
2. Ticket Summaries

1. Please squash a bug!

<table>
<thead>
<tr>
<th>Key</th>
<th>Summary</th>
<th>T</th>
<th>Created</th>
<th>Updated</th>
<th>Due</th>
<th>Assignee</th>
<th>Reporter</th>
<th>P</th>
<th>Status</th>
<th>Resolution</th>
<th>Created</th>
<th>Updated</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCREP O-2784</td>
<td>Document headers persisted for Mementos vs the OriginalResource</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Apr 30, 2018</td>
<td>Aug 21, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| FCREP O-2092 | ld:isMemberOfRelation does not find reference property     | Unassigned   | Andrew Woods    | OPEN          | Unresolved   | Jul 25, 2016 | Aug 21, 2020  

2 issues

3. Ticket Summaries

1. Please squash a bug!

<table>
<thead>
<tr>
<th>Key</th>
<th>Summary</th>
<th>T</th>
<th>Created</th>
<th>Updated</th>
<th>Due</th>
<th>Assignee</th>
<th>Reporter</th>
<th>P</th>
<th>Status</th>
<th>Resolution</th>
<th>Created</th>
<th>Updated</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCREP O-3697</td>
<td>Multi-request transactions can be put in a bad state</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Apr 14, 2021</td>
<td>Apr 29, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREP O-3678</td>
<td>Fedora 5 and SSL configuration not working</td>
<td>Unassigned</td>
<td>Jaime Penagos</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Mar 19, 2021</td>
<td>Mar 19, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREP O-3655</td>
<td>application/link-format returns multiple entries for the same second</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Feb 25, 2021</td>
<td>Mar 03, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREP O-3635</td>
<td>Fedora 6 does not start on Jetty 11 or Tomcat 10</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Feb 16, 2021</td>
<td>Feb 19, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREP O-3620</td>
<td>Fedora 5 -&gt; 6 upgrade fails if a Fedora 5 export has retrieved the external binaries</td>
<td>Unassigned</td>
<td>Jared Whiklo</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Jan 29, 2021</td>
<td>Apr 29, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREP O-3589</td>
<td>Membership/containment not returned as inbound references</td>
<td>Unassigned</td>
<td>Ben Pennell</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Jan 06, 2021</td>
<td>Jan 27, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREP O-3585</td>
<td>Rollback with auto-versioning disabled can leave Fedora in an inconsistent state</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Dec 09, 2020</td>
<td>Feb 03, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREP O-3584</td>
<td>Resource locking does not take into account ghost nodes</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Dec 09, 2020</td>
<td>Feb 03, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREP O-3538</td>
<td>Wildcard searches and ids containing *</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Nov 19, 2020</td>
<td>Nov 19, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Minutes

1. Review where we are w.r.t sprint prep
   a. looking for volunteers for issues that need a little effort to wrap up
   b. FCREPO-2742 status
   c. Work completed
      i. some JIRAs closed, more commits on CTS
      ii. no documentation activity this past week
   d. Items in review
      i. reopened FCREPO-2752 and FCREPO-2822
      ii. Longshou Situ has been cranking through issues
      iii. Andrew Woods will review FCREPO-2771
      iv. FCREPO-2821 sooo close to being done, pending Jared double checking whether his questions were resolved
   e. FCREPO-2742 status
      i. needed support work about GET, PUT, PATCH of fcr:acl nodes
      ii. should be able to get back to the authorization gathering algo impl
      iii. Danny Bernstein is available for consult/assistance

2. Tickets resolved this week:

<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>FCREPO-3521</td>
<td>Ensure all RDF formats supported in fcrepo-import-export also available in fcrepo-upgrade-utility</td>
<td>Nov 06, 2020</td>
<td>Nov 30, 2020</td>
<td>Unassigned</td>
<td>Danny Bernstein</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO-3423</td>
<td>ACLs not displayed property</td>
<td>Sep 12, 2020</td>
<td>Nov 18, 2020</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO-3286</td>
<td>Exception on malformed Link header</td>
<td>Apr 25, 2020</td>
<td>Nov 18, 2020</td>
<td>Unassigned</td>
<td>Andrew Woods</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO-3252</td>
<td>Disallow creating mementos within the same second</td>
<td>Mar 17, 2020</td>
<td>Nov 18, 2020</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO-2263</td>
<td>Reserved Characters in fragments are encoded by UriBuilder</td>
<td>Oct 09, 2016</td>
<td>Nov 27, 2020</td>
<td>Unassigned</td>
<td>Christopher Johnson</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   15 issues

3. Tickets created this week:

<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>FCREPO-3521</td>
<td>Ensure all RDF formats supported in fcrepo-import-export also available in fcrepo-upgrade-utility</td>
<td>Nov 06, 2020</td>
<td>Nov 30, 2020</td>
<td>Unassigned</td>
<td>Danny Bernstein</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO-3423</td>
<td>ACLs not displayed property</td>
<td>Sep 12, 2020</td>
<td>Nov 18, 2020</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO-3286</td>
<td>Exception on malformed Link header</td>
<td>Apr 25, 2020</td>
<td>Nov 18, 2020</td>
<td>Unassigned</td>
<td>Andrew Woods</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO-3252</td>
<td>Disallow creating mementos within the same second</td>
<td>Mar 17, 2020</td>
<td>Nov 18, 2020</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO-2263</td>
<td>Reserved Characters in fragments are encoded by UriBuilder</td>
<td>Oct 09, 2016</td>
<td>Nov 27, 2020</td>
<td>Unassigned</td>
<td>Christopher Johnson</td>
<td>OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   No issues found
f. FCREPO-2798 is probably due to Shiro
   i. probably needs spring config from webac to be copied into webapp
   ii. Danny Bernstein to work on resolving that

g. Low-hanging fruit
   i. FCREPO-2801 probably just needs to be confirmed; Bethany Seeger will look at it
   ii. FCREPO-2838 documentation for external content allow list

h. code reviews; would like to move PRs through a little faster
   i. test suite challenge: write up to 2 tests before the next meeting
      ii. most areas are stubbed out
      iii. Andrew will be continuing stubbing out of WebAC tests
      iv. create GitHub issues to track the tests you are working on
      v. per test group makes sense, individual tests can be mentioned in the comments

j. Upcoming work plans
   i. Kevin Ford will be working on a little bit of documentation
   ii. Aaron Birkland is planning on getting Fedora time in the near future
   iii. Bethany Seeger, Aaron Birkland, and Kevin Ford all out next week
   iv. Ben Pennell will work on external content and documentation thereof

k. spec compatibility of fcrepo-java-client and fcrepo-camel-toolbox
   i. Bethany Seeger: maybe mini-sprints to look at specific tools
   ii. get to feature completion on Fedora 5 before testing the Java client
   iii. prioritize WebAC now, focus on tools after a feature complete 5.0.0 RC
   iv. possibly split into small groups to work on tools in sprint 2
   v. maybe remove dependency on Java client from the camel toolbox and have it speak pure HTTP

2. Other items
   a. Andrew Woods: Policy - Long Term Support
   b. committers must decide what is an LTS release right now; probably 4.7
   c. how do we decide on LTS status for future releases
   d. looking for a community member to manage backporting security fixes to LTS releases

3. DLF in October
   a. Danny Bernstein is going, looking to arrange a Fedora-related get-together
   b. Bethany Seeger is going

**Actions**

- [ ] Danny to explore inserting a macro into documentation for Fedora version.
- [ ] Send email to community seeing who is interested in reviving OAI