2018-03-01 - 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
  - ? add slack channel info here?

Attendees

- Danny Bernstein
- Bethany Seeger
- Jared Whiklo
- Peter Eichman
- Andrew Woods
- Yinlin Chen
- Esmé Cowles
- Doron Shalvi
- Kevin Ford
- Randall Floyd
- Carrick Rogers
- David Wilcox

Agenda

1. Sign up for API Alignment sprints by adding your name
2. Compatibility Test Suite
3. Updates from spec editors on External Content: Redirect or Proxy?
   a. PR needs review
   b. expiration vs Prefer header
4. Sprint Planning (link page)
   a. Delta Document review
   b. Outstanding issues requiring discussion
     i. -Dfcrepo.properties.management=relaxed seems to be a odds with 3.6.1
     ii. 3.7.1 - need clarification - currently base classes remain after a subtype is added. Is this a problem.
     iii. 5.6
   c. 2018 Spring API Alignment Sprint 1 Planning
5. ?

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>
</tr>
</thead>
<tbody>
<tr>
<td>FCREPO</td>
<td>Multi-request transactions can be in a bad state</td>
<td>📡 Apr 14, 2021</td>
<td>Apr 29, 2021</td>
<td>Unassigned</td>
<td>Peter Winckles</td>
<td>📡 OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O-3697</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O-3678</td>
<td>Fedora 5 and SSL configuration not working</td>
<td>📡 Mar 19, 2021</td>
<td>Mar 19, 2021</td>
<td>Unassigned</td>
<td>Jaime Penagos</td>
<td>📡 OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCREPO</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>
<td>📡 OPEN</td>
<td>Unresolved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O-3655</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Key

- **FCREP O-2263**: Reserved Characters in fragments are encoded by UriBuilder
- **FCREP O-3252**: Disallow creating mementos within the same second
- **FCREP O-3286**: Exception on malformed Link header
- **FCREP O-3423**: ACLs not displayed properly
- **FCREP O-3506**: OOM on GET of root with many child containers
- **FCREP O-3521**: Ensure all RDF formats supported in fcrepo-import-export also available in fcrep-upgrade-utils
- **FCREP O-3538**: Wildcard searches and ids containing *
- **FCREP O-3555**: Rollback with auto-versioning disabled can leave Fedora in an inconsistent state
- **FCREP O-3584**: Resource locking does not take into account ghost nodes
- **FCREP O-3589**: Membership / containment not returned as inbound references
- **FCREP O-3585**: Fedora 5 -> 6 upgrade fails if a Fedora 5 export has retrieved the external binaries
- **FCREP O-3620**: Fedora 6 does not start on Jetty 11 or Tomcat 10
- **FCREP O-3635**: O-3635

### Tickets Resolved This Week:

1. **FCREP O-3635**: Fedora 6 does not start on Jetty 11 or Tomcat 10
   - Created: Feb 16, 2021
   - Updated: Feb 19, 2021
   - Due: Feb 19, 2021
   - Assignee: Peter Winckles
   - Reporter: Peter Winckles
   - Status: OPEN
   - Resolution: Unresolved

2. **FCREP O-3620**: Fedora 5 -> 6 upgrade fails if a Fedora 5 export has retrieved the external binaries
   - Created: Jan 29, 2021
   - Updated: Apr 29, 2021
   - Due: Apr 29, 2021
   - Assignee: Jared Whiklo
   - Reporter: Jared Whiklo
   - Status: OPEN
   - Resolution: Unresolved

3. **FCREP O-3589**: Membership / containment not returned as inbound references
   - Created: Jan 06, 2021
   - Updated: Jan 27, 2021
   - Due: Jan 27, 2021
   - Assignee: Ben Pennell
   - Reporter: Ben Pennell
   - Status: OPEN
   - Resolution: Unresolved

4. **FCREP O-3555**: Rollback with auto-versioning disabled can leave Fedora in an inconsistent state
   - Created: Dec 09, 2020
   - Updated: Feb 03, 2021
   - Due: Feb 03, 2021
   - Assignee: Peter Winckles
   - Reporter: Peter Winckles
   - Status: OPEN
   - Resolution: Unresolved

5. **FCREP O-3584**: Resource locking does not take into account ghost nodes
   - Created: Dec 09, 2020
   - Updated: Feb 03, 2021
   - Due: Feb 03, 2021
   - Assignee: Peter Winckles
   - Reporter: Peter Winckles
   - Status: OPEN
   - Resolution: Unresolved

6. **FCREP O-3538**: Wildcard searches and ids containing *
   - Created: Nov 19, 2020
   - Updated: Nov 19, 2020
   - Due: Nov 19, 2020
   - Assignee: Peter Winckles
   - Reporter: Peter Winckles
   - Status: OPEN
   - Resolution: Unresolved

7. **FCREP O-3521**: Ensure all RDF formats supported in fcrepo-import-export also available in fcrep-upgrade-utils
   - Created: Nov 06, 2020
   - Updated: Nov 30, 2020
   - Due: Nov 30, 2020
   - Assignee: Danny Bernstein
   - Reporter: Danny Bernstein
   - Status: OPEN
   - Resolution: Unresolved

8. **FCREP O-3506**: OOM on GET of root with many child containers
   - Created: Oct 29, 2020
   - Updated: Nov 16, 2020
   - Due: Nov 16, 2020
   - Assignee: Andrew Woods
   - Reporter: Andrew Woods
   - Status: OPEN
   - Resolution: Unresolved

9. **FCREP O-3423**: ACLs not displayed properly
   - Created: Sep 12, 2020
   - Updated: Nov 18, 2020
   - Due: Nov 18, 2020
   - Assignee: Peter Winckles
   - Reporter: Peter Winckles
   - Status: OPEN
   - Resolution: Unresolved

10. **FCREP O-3286**: Exception on malformed Link header
    - Created: Apr 25, 2020
    - Updated: Nov 18, 2020
    - Due: Nov 18, 2020
    - Assignee: Andrew Woods
    - Reporter: Andrew Woods
    - Status: OPEN
    - Resolution: Unresolved

11. **FCREP O-3252**: Disallow creating mementos within the same second
    - Created: Mar 17, 2020
    - Updated: Nov 18, 2020
    - Due: Nov 18, 2020
    - Assignee: Peter Winckles
    - Reporter: Peter Winckles
    - Status: OPEN
    - Resolution: Unresolved

12. **FCREP O-2263**: Reserved Characters in fragments are encoded by UriBuilder
    - Created: Oct 09, 2016
    - Updated: Nov 27, 2020
    - Due: Nov 27, 2020
    - Assignee: Christopher Johnson
    - Reporter: Christopher Johnson
    - Status: OPEN
    - Resolution: Unresolved

**Total Issues:** 15
Minutes

1. API compatibility sprints
   a. 8 participants for first sprint

2. Compatibility test suite
   a. try out the test suite and add bug reports to GitHub
   b. Randall: has run the test suite (21 failures out of 63 tests) as part of ramp-up process
   c. Danny B: has encountered false positives in test suite

3. External content
   a. discussed on spec editors call
   b. Esme: general agreement that expiration parameter is not appropriate for indicating caching/proxying/redirect
   c. interest in using a Prefer header; cleaner mechanism
   d. External Content Discussion: Andrew Woods has started a proposal to try to land this issue: [https://docs.google.com/document/d/1tGI3xXuU3km5ksngvrentSBOCLoWmDk5OiovPZJR81V/edit?usp=sharing_eil&ts=5a9811c1](https://docs.google.com/document/d/1tGI3xXuU3km5ksngvrentSBOCLoWmDk5OiovPZJR81V/edit?usp=sharing_eil&ts=5a9811c1)

4. Sprint Planning
   a. Danny B: first stab at an outline of tasks for alignment sprint 1
   b. potential conflict between spec 3.6.1 and fcrepo.properties.management-relaxed
      i. Peter: it is an issue
      ii. Jared: https://www.w3.org/TR/ldp/#dfn-ldp-server-managed-triples
          1. LDP has a narrow server-managed triples definition
      v. the property removes the "server-managed" constraints
   c. 3.7.1 clarification
      i. can add a non-RDF-source type to an RDF-source, but can't remove the RDF-source type
      ii. LDP-RS and LDP-NR are disjoint
      iii. Danny B: this is a bug, if you can change LDP-RS to LDP-NR, without changing the interaction type
      iv. can only change interaction model to a subtype, so the request should fail
   d. 5.6 clarification
      i. Peter: user agent URIs are not retrieved
      ii. Danny B: is there a conflict between cross-domain group listing and having groupAgent.baseUri?
         1. Peter: not unless it is used for retrieval; if it is just a translation layer between e.g. LDAP and acl:agent, it should be fine
         ii. https://github.com/fcrepo4/fcrepo4/blob/6034a73c0b3acca06223262b3c06dd48169b4a535/fcrepo-auth-webac/src/main/java/org/fcrepo/auth/webac/WebACRolesProvider.java#L467 is used to get string agents from URIs, using system properties
      iv. Esme: agrees the agent URIs can be anything, so even if the group ACLs need to be in the repository, that doesn't constrain what the agent URIs can be
   e. Sprint planning table
      i. goal: have at least placeholders for all JIRAs before sprint starts
      ii. does this seem like a sensible approach?
         1. Peter: sounds good
      iii. call for people to flesh out JIRAs
         1. Randall Floyd and Jared Whiklo volunteered to help flesh out JIRAs over the next two days in preparation for the sprint.
         v. Randall: how much background knowledge does it require?
            1. Danny B: will keep an eye out for good entrypoint issues for Randall
         v. Yinlin: do we have a sprint planning meeting on next Monday?
         vii. Danny B: good idea, will send out Doodle poll to pick a time:
            1. Sprint Kick Off Doodle: please fill it out [https://doodle.com/poll/fpb83rec8f8xmhfi](https://doodle.com/poll/fpb83rec8f8xmhfi)
      vii. Randall: will we have standups?
   f. Peter: previous sprints have used Monday & Friday calls as well
   g. Danny B: maybe midweek for the first week

Action Items
Danny Bernstein to look for JIRA ticket around changing interaction model type.

Danny Bernstein to touch base with Peter and Aaron regarding the Resource Authorization portion of the delta spec.

Jared Whiklo to create issue for the pass/fail on the Compatibility Test Suite

Danny Bernstein reach out for more documentation/testing people.

Danny Bernstein determine whether there is any case where a PUT on a TimeMap would make sense. If there is it should be raised with the specification editors.

Peter Eichman to do a short writeup on the use of userAgent and groupAgent base URI's and their relationship to WebAC in order to clarify whether or not what if anything needs improvement/clarification/alignment. ACL Agents - Strings vs. URIs