2020-02-27 - 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://lyrasis.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](https://fedora-project.slack.com) on the "tech" channel

Attendees

1. Danny Bernstein
2. Jared Whiklo
3. Ben Pennell
4. Andrew Woods
5. David Wilcox
6. Peter Winckles
7. Ben Cail

Agenda

1. Announcements
   a. **Immutable ghost-nodes** - onward!
2. Road to Fedora 6
   a. Milestone list
   b. Sprint schedule proposal: 1st week of each month from April to December 2020
3. Priority tasks ([Development Roadmap](https://fedora-project.slack.com) - 2020 Sprint Roadmap)
   a. **FCREPO-3232** - Create basic on-demand version
   b. **FCREPO-3216** - Restore Integration Tests
4. To review:
   a. **FCREPO-3161** - REST API should translate internal fedora Identifiers to external http resources by default
   b. **FCREPO-3026** - Fix javadoc warnings in fcrepo-auth-webac
   c. **FCREPO-3013** - Content-Disposition header not mentioned in PUT docs
   d. **FCREPO-3237** - List resource versions
   e. Import/Export
      i. **FCREPO-3205** - Import serialized Bags
5. Next Demo: Rebuild?

Tickets

1. In Review

<table>
<thead>
<tr>
<th>T</th>
<th>Key</th>
<th>Summary</th>
<th>Assignee</th>
<th>Reporter</th>
<th>P</th>
<th>Status</th>
<th>Resolution</th>
<th>Created</th>
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<tbody>
<tr>
<td><img src="https://fedora-project.slack.com" alt=" " /></td>
<td>FCREPO-3237</td>
<td>List resource versions</td>
<td>Peter Winckles</td>
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<td><img src="https://fedora-project.slack.com" alt=" " /></td>
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<td>Ready for Test</td>
<td>Feb 20, 2020</td>
<td>Feb 27, 2020</td>
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<td><img src="https://fedora-project.slack.com" alt=" " /></td>
<td>FCREPO-3205</td>
<td>Import serialized Bags</td>
<td>Michael Ritter</td>
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<td>Feb 25, 2020</td>
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</table>
1. Please squash a bug!

<table>
<thead>
<tr>
<th>Key</th>
<th>Summary</th>
<th>T Created</th>
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<tbody>
<tr>
<td>FCREP O-3238</td>
<td>Address naming collisions for .fcrepo files</td>
<td>Feb 20, 2020</td>
<td>Feb 21, 2020</td>
<td></td>
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<td>Peter Winckles</td>
<td>OPEN</td>
<td>Unresolved</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>Unassigned</td>
<td>Jared Whiklo</td>
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<td>Unresolved</td>
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2. Please squash a bug!
<table>
<thead>
<tr>
<th>Issue</th>
<th>Description</th>
<th>Opened</th>
<th>Closed</th>
<th>Assigned To</th>
<th>Status</th>
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<tbody>
<tr>
<td>FCREP O-3145</td>
<td>Fix migration-utils inline XML migration to not transform XML en route</td>
<td>Nov 25, 2019</td>
<td>Feb 13, 2020</td>
<td>Andrew Woods</td>
<td>OPEN</td>
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<tr>
<td>FCREP O-3140</td>
<td>Implement disambiguatio n pattern for OCFL file naming collisions</td>
<td>Nov 21, 2019</td>
<td>Nov 22, 2019</td>
<td>Unassigned</td>
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<tr>
<td>FCREP O-3139</td>
<td>Design a disambiguatio n pattern for the OCFL filenaming</td>
<td>Nov 21, 2019</td>
<td>Feb 21, 2020</td>
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<td>FCREP O-3138</td>
<td>Test HTTP - &gt; Service layer</td>
<td>Nov 21, 2019</td>
<td>Nov 22, 2019</td>
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<td>FCREP O-3114</td>
<td>Unauthorized users can delete child resources</td>
<td>Nov 07, 2019</td>
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<td>FCREP O-31070</td>
<td>Creating external binary with bad URL and digest blows up</td>
<td>Sep 24, 2019</td>
<td>Sep 24, 2019</td>
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<tr>
<td>FCREP O-3037</td>
<td>Prefer header 'omit' containing 'PreferMinimumContainer' URL not honored</td>
<td>Sep 06, 2019</td>
<td>Nov 22, 2019</td>
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<td>FCREP O-3022</td>
<td>Intermittent build failure</td>
<td>Jul 15, 2019</td>
<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>
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<td>FCREP O-2988</td>
<td>Creating versions of containers containing tombstones issue</td>
<td>Feb 08, 2019</td>
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3. Tickets resolved this week:

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<th>Key</th>
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<tr>
<td>FCREP O-3237</td>
<td>List resource versions</td>
<td>↑ Feb 20, 2020</td>
<td>Feb 27, 2020</td>
<td></td>
<td>Peter Winckles</td>
<td>Peter Winckles</td>
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<td>IN REVIEW</td>
<td>Ready for Test</td>
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<td>FCREP O-3195</td>
<td>Rebuild on start</td>
<td>↑ Jan 30, 2020</td>
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<td>Peter Winckles</td>
<td>Danny Bernstein</td>
<td>P</td>
<td>CLOSED</td>
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2 issues

4. Tickets created this week:

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No issues found

Notes

1. Road to Fedora 6
a. Milestone list – Andrew created a list to track features for completing Fedora 6. He isn't sure if it's complete and statuses are accurate. Indicates done or not done – not partially done or in progress.
   i. State tokens – thought done but ITests don’t work
   ii. Binary replace – Done
   iii. Will go through other items later
b. Sprint planning: Proposal there will be a sprint the first week of every month starting in April.
   i. Sounds like a good idea
   ii. Held up by OCFL draft status? No, there's plenty of Fedora work to do that isn't dependent on OCFL.
   iii. Should we signup for sprints now? Hard to allocate time so far in advance. Maybe month by month? Commitment 2 months out?
c. Roadmap important missing features
   i. Versioning
   ii. Integration tests – PRs should have integration tests
   iii. Containment
   iv. Messaging – How will with change without Modeshap? Before: Modeshape  Guava  JMS. Important to address code that is used by a lot of different components early to surface issues.
   v. ACLs? Much change needed? Just hooking it up?
d. Review
   i. Issue with exception mapper failing when there is no wrapped exception: https://github.com/fcrepo4/fcrepo4/blob/fe92e09c54949b930a27dbd5f24a591cbd4ed568/fcrepo-http-commons/src/main/java/org/fcrepo/http/commons/exceptionhandlers/RepositoryRuntimeExceptionMapper.java#L58
      1. Peter is going to update to include a null check and improve exception message
   ii. There's a new tool being made for importing/exporting bagit bags. [I missed a lot of the details.]
   iii. Jared’s PR addresses converting Fedora IDs to external URIs. It fixes some of the issues with Peter’s version PR, but there are still some issues. Jared has some ideas for continuing to address ID transformation.
   iv. Rebuild demo? Have containment working first?

Actions

☐ Clarify in in documentation that multiple simultaneous writes to OCFL are not supported

☐ After team has a chance to comment, send Ghost Node idea to general community for feedback