


2018-02-08 - 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](#)
 - Web Access: <https://www.freeconferencerecallhd.com/wp-content/themes/responsive/flashphone/flash-phone.php>
- 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](#)
- [Andrew Woods](#)
- [Peter Eichman](#) 
- [Bethany Seeger](#)
- [Jared Whiklo](#)
- [Yinlin Chen](#)
- [Doron Shalvi](#)
- [Esmé Cowles](#)


Agenda

1. [4.7.5 release testing](#) - discussion of where things stand
2. [Sign up for API Alignment sprints](#) by adding your name
3. [Delta Document](#), [Sprint Optimization](#), and due dates
4. [Compatibility Test Suite](#)
5. [Pairtree/Appletree options](#)
 1. Proposal (based on group discussion)

1.  [FCREPO-2674](#) - By default, minted identifiers should not have any pairtree structure CLOSED
2.  [FCREPO-2672](#) - System property restores the 4.x pairtree generation CLOSED

2. As yet undecided

1. when pair tree node creation is enabled should performing a GET or HEAD
 1. return non-pair tree children as they do now?
 2. return a 400 series message (404 or 405)?
2. If both 1 and 2, what should the default behavior be?

6.  [FCREPO-2620](#) - Improve mimetype validation CLOSED

- Also move forward with [creation-side resolution](#)?

7. [External Content: Redirect or Proxy?](#) on fedora-tech
 1. (TBD only is appropriate people are on the line)
8. Java release schedule and compatibility planning
 1. See <http://blog.joda.org/2018/02/java-9-has-six-weeks-to-live.html>
 1. "With a release every six months, it is important to decide on an approach to the release train."

Ticket Summaries

1. Please squash a bug!

Click here to expand...

Key	Summary	T	Cr eated	U pdated	D ue	Ass ignee	Repor ter	P	S tatus	R esol ution
FCREP O-2988	Creating versions of containers containing tombstones issue		Feb 08, 2019	Feb 13, 2019		Unassi gned	Ben Pennell	⇩	Re ceive d	Unre solv ed
FCREP O-2841	Vulnerability on the commons-httpclient-3.1 dependency of fcrepo-integration-rdf		Aug 06, 2018	Aug 06, 2018		Unassi gned	Peter Eichman	⇩	Re ceive d	Unre solv ed
FCREP O-2800	Issues running Fedora multi-threaded		May 14, 2018	May 14, 2018		Unassi gned	Harsha Ummerpill ai	⇩	Re ceive d	Unre solv ed
FCREP O-2790	Using a hash URI as a ldp:membershipResource doesn't work		May 04, 2018	May 04, 2018		Unassi gned	Esmé Cowles	⇧	Op en	Unre solv ed
FCREP O-2780	GET inbound refs incomplete response		Apr 26, 2018	Apr 30, 2018		Unassi gned	Kevin Ford	⇩	Op en	Unre solv ed
FCREP O-2746	Failed to reset the input stream when not accessing s3 directly or s3 compatible gateway		Apr 06, 2018	Apr 06, 2018		Unassi gned	Thomas Schneider	⇩	Op en	Unre solv ed
FCREP O-2739	Server returns an error after inserting a particular triple syntax		Mar 17, 2018	Mar 19, 2018		Unassi gned	Stefano Cossu	⇧	Op en	Unre solv ed
FCREP O-2712	GET with Prefer=InboundRefs on /fcr:metadata does not include InboundRefs		Mar 09, 2018	Mar 09, 2018		Unassi gned	Kevin Ford	⇩	Re ceive d	Unre solv ed
FCREP O-2670	baseURI incorrect for audit JMS messages		Feb 02, 2018	Feb 05, 2018		Unassi gned	Bethany Seeger	⇩	Op en	Unre solv ed
FCREP O-2666	HTML UI does not update properly after binary resource reversion		Jan 23, 2018	Feb 01, 2018		Unassi gned	Danny Bernstein	⇩	Op en	Unre solv ed
FCREP O-2665	Integration tests flap on non-virtualized windows 10 machines.		Jan 23, 2018	Jan 24, 2018		Unassi gned	Danny Bernstein	⇩	Op en	Unre solv ed
FCREP O-2663	MOVE - Cannot delete Solr index		Jan 16, 2018	Jan 17, 2018		Unassi gned	Ferdinand o Terranova	⇧	Op en	Unre solv ed
FCREP O-2662	Sparql Delete works inconsistently in transaction		Jan 03, 2018	Jan 04, 2018		Unassi gned	Ben Pennell	⇧	Op en	Unre solv ed
FCREP O-2659	Maven Enforcer Plugin `bannedDependencies` rule fails to resolve dependencies correctly		Dec 05, 2017	Nov 16, 2018		Ralf Clauss nitzer	Ralf Claussnit zer	⇩	Op en	Unre solv ed
FCREP O-2658	Invalid ebucore:hasMimeType value inhibits access to content		Dec 01, 2017	Dec 01, 2017		Unassi gned	Kevin Ford	⇩	Re ceive d	Unre solv ed
FCREP O-2650	MD5s not being stored in transaction		Oct 24, 2017	Aug 02, 2018		Unassi gned	Ben Pennell	⇧	Op en	Unre solv ed
FCREP O-2648	Tomcat stuck threads during object ingest into Fedora with fcrepo-audit module enabled		Oct 19, 2017	Nov 29, 2017		Unassi gned	Peter Eichman	⇧	Op en	Unre solv ed
FCREP O-2635	binaries accepted by fcrepo did not arrive at final Modeshape storage location		Sep 29, 2017	Sep 29, 2017		Unassi gned	Joshua Westgard	⇧	Re ceive d	Unre solv ed
FCREP	Incorrect ldp:contains reference on versioned		Sep	Sep		Unassi	Ben		Re	Unre

O-2607	resources		14, 2017	14, 2017	gned	Pennell		ceive d	solv ed
FCREP O-2573	Namespaces not created correctly via PUT and POST		Aug 28, 2017	Aug 29, 2017	Unassign ed	Bethany Seeger		Re ceive d	Unre solv ed

Showing 20 out of 46 issues

2. Tickets resolved this week:

[Click here to expand...](#)

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
No issues found										

3. Tickets created this week:

[Click here to expand...](#)

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCREPO-2990	Update documentation of namespace registry		Mar 22, 2019	Mar 22, 2019		Unassigned	Ben Pennell		Received	Unresolved

1 issue

Action Items

- Danny Bernstein add a JIRA for deprecating/removing the pairtree retrieval behavior
FCREPO-2673 - Disable Access to PairTree resources by default RECEIVED
- Andrew Woods add the external content topic to spec editors call agenda
- Danny Bernstein add the Java version support topic to the committers call agenda

Minutes

1. 4.7.5 release testing on track
 1. 1-2 tests for Danny Bernstein to complete
 2. Esme: will do RC-2 testing with ActiveFedora/Hyrax, or find someone to delegate to
 3. Andrew Woods: contacted Carrick Rogers about testing on their custom fedora with RC-2
 4. release is slated for next week (Feb 12)
2. API Alignment Sprint: if you haven't signed up for API alignment sprint, please do so
3. delta document for documenting the differences between 4.7.5 and 5.0
 1. make it a goal to fill out each section by next week's call
 2. identify items that are out of alignment
 1. Peter: authz
 2. Danny will ping Aaron Birkland about notifications
 3. Danny: versioning
 4. Jared & Yinlin: resource management
 3. keep in mind the spec may have been updated; make sure section numbers match up
4. compatibility test suite: needs work
 1. try running the compatibility suite
 2. add git issues as feedback
 3. code review would be extra helpful
 4. mainly covers section 3 (resource management)
 5. cross-check test suite report to manual test results
 6. "trust but verify"
 7. Yinlin: Python vs. Java test suite?

8. Andrew: we will focus on the Java version as the official test suite
5. close to landing pairtree issue
 1. remaining question: what is the behavior of the pairtree nodes?
 2. Esme: we need to support the current behavior
 3. Aaron Birkland feels strongly that pairtree nodes should not resolve
 4. Andrew: concerned about complexity of code and introducing bugs
 5. Bethany: could we only have 1 setting?
 6. Andrew: need to support migration of existing pairtrees, so generation needs to be separate from retrieval
 7. Esme: minting behavior is easy and tidy; UUID-only minter should be very easy to write
6. MIME type validation
 1. Bethany: putting in a check of object values in PUT/PATCH requests that mime types are syntactically correct
 2. ebuco:hasMimeType is treated as a special case since it is used as the content-type of a binary resource on GET
7. external content design: send over to spec team for further work
 1. Peter, Esme, Doran agree
 2. Peter: start from the draft Prefer header spec that Ben Pennell created
 3. Doran: NLM has a particular interest of this
 4. Doran: there could be interplay between this and the Oxford Common File Layout
 5. Andrew: need to make sure we capture real uses cases
8. changes in the Java release schedule
 1. new major versions every 6 months
 2. LTS releases
 3. Oracle seems to be expecting folks to start paying for Java releases that last longer than 6 months that aren't LTS releases
 4. we need to prepare for supporting new Java releases more quickly
 5. Java 8 will be LTS
 6. Java 11 will be LTS
 7. Andrew: do we support LTS releases only? or short-term releases as well?
 8. Esme: LTS versions seem like a better bet
 9. transition times between LTS will be smaller
 10. need to prepare for new Java versions farther in advance
 11. Danny: what is the history of Java updates?
 12. Andrew: [Policy - Supported JVM](#)
 13. Esme: several issues
 1. many repos set up once and then not update to maintain stability as long as they can
 2. desire for compatibility with new versions of Java
 3. new language features that implementors might want to use
 14. Andrew: users tend to stability, developers tend to latest
 15. Esme: supporting the most stable/predictable Java makes the most sense for the user base
 16. Esme: keeping up with latest release is a nice-to-have, but user needs are prioritized
 17. Danny: may be able to compile Java 9 code to target a Java 8 JVM
 18. Andrew: start with consensus-building on tech call and the committers call
 19. Danny: next steps: clarify the different pathways and get feedback from committers and community