

2017-04-20 - 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.freeconferencecallhd.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](#)

Attendees

- Jared Whiklo
- Yinlin Chen
- Andrew Woods

- Joshua Westgard 
- Nick Ruest
- Aaron Birkland
- Daniel Lamb
- Danny Bernstein
- Bethany Seeger
- Unknown User (acoburn)
- Esmé Cowles
- Longshou Situ
- Kieran Etienne

Agenda



1. API Specification
 1. Diagram of specification dependencies
 2. Outstanding issues
 3. Benjamin Armintor: Input re:external-content from LDCX
2. Implications of blank node redesign:  **FCREPO-2408** - Skolemize to hash-URIs, not /.well-known/genid/ **CLOSED**
 1. Based on community input 4.7.3 is reasonable
 2. Need upgrade utility:  **FCREPO-2423** - Migration tool: Skolem resources to Hash-URIs **OPEN**
3. Suggestions from recent Fedora Leaders meetings
 1. Have an elected Fedora Committer join Fedora Leaders calls
 2. Have DuraSpace-hosted release testing infrastructure
 3. Interest in tighter alignment of effort and priorities between Islandora/Hydra/Fedora
4. Upcoming meetings
 1. 2017-06-12 Performance - Scale meeting
 2. 2017-04-27 - Import - Export Planning Meeting
5. ...
6. Status of "in-flight" tickets

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Ticket Summaries

1. Please squash a bug!
[Click here to expand...](#)















Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCRE PO-2843	WebAC READ access fails on HEAD		Aug 17, 2018	Aug 17, 2018		Unassigned	Andrew Woods		Open	Unresolved
FCRE PO-2841	Vulnerability on the commons-httpclient-3.1 dependency of fcrepo-integration-rdf		Aug 06, 2018	Aug 06, 2018		Unassigned	Peter Eichman		Received	Unresolved
FCRE PO-2829	Creating an external content using handling=copy explodes if the remote resource is unavailable		Jul 11, 2018	Jul 12, 2018		Unassigned	Jared Whiklo		Open	Unresolved
FCRE PO-2823	Section 5.7.2 -- When acl:Append applies to a LDP-C then POST must be allowed		Jul 05, 2018	Jul 05, 2018		Unassigned	Jared Whiklo		Open	Unresolved
FCRE PO-2816	External-Content redirects to local files are allowed, but unretrievable		Jun 29, 2018	Jun 29, 2018		Unassigned	Jared Whiklo		Open	Unresolved
FCRE PO-2814	Section 3.9 Advertise External Content option for all resources		Jun 28, 2018	Jul 05, 2018		Unassigned	Bethany Seeger		Open	Unresolved
FCRE PO-2800	Issues running Fedora multi-threaded		May 14, 2018	May 14, 2018		Unassigned	Harsha Ummerpillai		Received	Unresolved
FCRE PO-2790	Using a hash URI as a ldp:membershipResource doesn't work		May 04, 2018	May 04, 2018		Unassigned	Esmé Cowles		Open	Unresolved
FCRE PO-2780	GET inbound refs incomplete response		Apr 26, 2018	Apr 30, 2018		Unassigned	Kevin Ford		Open	Unresolved
FCRE PO-2746	Failed to reset the input stream when not accessing s3 directly or s3 compatible gateway		Apr 06, 2018	Apr 06, 2018		Unassigned	Thomas Schneider		Open	Unresolved
FCRE PO-2739	Server returns an error after inserting a particular triple syntax		Mar 17, 2018	Mar 19, 2018		Unassigned	Stefano Cossu		Open	Unresolved
FCRE PO-2712	GET with Prefer=InboundRefs on /fcr:metadata does not include InboundRefs		Mar 09, 2018	Mar 09, 2018		Unassigned	Kevin Ford		Received	Unresolved
FCRE PO-2695	HTML UI: "Download Content" missing icon		Mar 06, 2018	Mar 06, 2018		Unassigned	Andrew Woods		Open	Unresolved
FCRE PO-2670	baseURI incorrect for audit JMS messages		Feb 02, 2018	Feb 05, 2018		Unassigned	Bethany Seeger		Open	Unresolved
FCRE PO-2666	HTML UI does not update properly after binary resource reversion		Jan 23, 2018	Feb 01, 2018		Unassigned	Danny Bernstein		Open	Unresolved
FCRE PO-2665	Integration tests flap on non-virtualized windows 10 machines.		Jan 23, 2018	Jan 24, 2018		Unassigned	Danny Bernstein		Open	Unresolved
FCRE PO-2663	MOVE - Cannot delete Solr index		Jan 16, 2018	Jan 17, 2018		Unassigned	Ferdinando Terranova		Open	Unresolved
FCRE PO-2662	Sparql Delete works inconsistently in transaction		Jan 03, 2018	Jan 04, 2018		Unassigned	Ben Pennell		Open	Unresolved
FCRE PO-2659	Maven Enforcer Plugin `bannedDependencies` rule fails to resolve dependencies correctly		Dec 05, 2017	Jul 26, 2018		Ralf Claussnitzer	Ralf Claussnitzer		Open	Unresolved
FCRE	Invalid ebucore:hasMimeType value inhibits access		Dec	Dec		Unassigned	Kevin		Re	Unre

PO-2658 to content  01, 2017 01, 2017 gned Ford  ceived solved

Showing 20 out of 53 issues

2. Tickets resolved this week:





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

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCREP O-2825	Section 5.9: The default, root ACL is not accessible		Jul 05, 2018	Aug 17, 2018		Longshou Situ	Aaron Birkland		In Review	Fixed
FCREP O-2812	406 (Unacceptable) should be returned by LDAPv when there are no LDAPvms		Jun 28, 2018	Aug 13, 2018		Jared Whiklo	Danny Bernstein		Closed	Fixed
FCREP O-2801	Section 3.9: Ensure External Content responses include correct "constrainedBy" information		May 16, 2018	Aug 17, 2018		Bethany Seeger	Bethany Seeger		Closed	Done
FCREP O-2797	Split out External Content FedoraLdpIT tests into own file		May 11, 2018	Aug 17, 2018		Ben Pennell	Bethany Seeger		Closed	Fixed
FCREP O-2380	Remove jena-patch module for 4.8 or subsequent releases		Jan 05, 2017	Aug 16, 2018		Unassigned	Esmé Cowles		Closed	Fixed
FCREP O-2275	Section 5.2: Support acl:agentGroup in favor of acl:agentClass		Oct 18, 2016	Aug 17, 2018		Andrew Woods	Adam Wead		Closed	Duplicate
FCREP O-1821	Add one-click functionality to fcrepo-webapp-plus		Nov 05, 2015	Aug 16, 2018		Unassigned	Jared Whiklo		Closed	Won't Fix

7 issues

3. Tickets created this week:

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

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCREPO-2843	WebAC READ access fails on HEAD		Aug 17, 2018	Aug 17, 2018		Unassigned	Andrew Woods		Open	Unresolved
FCREPO-2842	WebAC examples of hash-URIs		Aug 16, 2018	Aug 16, 2018		Aaron Birkland	Andrew Woods		Open	Unresolved

2 issues

Minutes

API Specification

- Andrew: Recently, there have been some challenges to the completion of the first working draft of the specification as a result of differing opinions about the goals of the effort among those working on the draft.
- Andrew: It seems clear that there is a continuum of opinions about what the purpose should be.

- The following document put together by Simeon Warner served as a guide for much of the discussion that ensued: https://wiki.duraspace.org/display/FF/2017-04-20+-+Fedora+Tech+Meeting?preview=83237409/83237410/2017-04_fedora_dependencies.pdf
- Andrew: It seems clear that testability is an important characteristic that we are striving for in the specification.
- Andrew: The idea of having an "other behaviors" document (reflecting choices made by community implementation, but not required by the core) seems inevitable in order to document the community implementation.
- Esmé (responding to a question about Derby, which appears on the above document): Derby is a pure Ruby LDP implementation primarily used for testing in Hydra development.
- Esmé: I hope that the list of items in "other behaviors" box (examples include slug use and URI patterns) would shrink over time.
- Esmé: But would the community implementation ever move away from its Single Subject Requirement? That is perhaps doubtful, but other implementations might choose not to require this.
- Esmé: Having space for both innovation and evolution in the spec is OK.
- Esmé: Batch Atomic lends itself to being broken out as a separate document, but Fixity might not be so easy or appropriate to break out.
- Aaron C.: The origin of the discussion of fixity was around the use of HTTP Expect headers. [Secretary's note: There seemed to be general agreement that this use of expect headers was correctly removed from the specification since it was in conflict with the latest version of an underlying specification].
- Jared: Achieving swappability may well require work on the part of those making the swap (it's not just a matter of firing up the new implementation and done).
- Jared: Lack of DELETE in the spec is another example where swappability is complicated. Some implementations may allow it, but it is not guaranteed that all will, so clients that support that feature will not achieve swappability.
- Aaron C.: There is a lot of room for interpretation in any specification, and there are inevitably going to be cases where this leads to differences.
- Aaron C.: The more you limit your Fedora-specific assumptions, the more you'll be able to rely upon clients and tools created for the underlying specifications.
- Jared: Tying down to common specifications is good, but without forcing positions on some of the more questionable features. Realistically, a user is going to switch implementations only when there's a very good reason (when the alternative is clearly superior for a particular use case).
- Aaron C.: The reason for an alternative implementation is the ability to make different choices about things that are left open in the underlying specifications.
- Esmé: But even short of pure swappability, the specification could have the effect of easing the transition between implementations. Making multiple implementations available is also a good thing. But alternate implementations are not exclusively for the purpose of making different choices – having the specification will also make it possible to create what are in effect clones that make the same choices. One clone could show itself to be a superior implementation of the same set of features, even while making all the same choices on issues left open by the underlying specifications (the community implementation and Cavendish will likely be very close in this way).
- Jared: More specificity will also make it easier for clients to maneuver around changes as they come in the future.
- Nick: Most of what Fedora does is LDP. If swappability is a goal, then Fedora needs to take a stance on whether Single Subject is required (LDP is silent on this).
- Andrew: We need to move out of stalemate mode and go forward. Perhaps a call specifically for discussion of the spec with a process for resolving differences of opinion would allow us to take it forward. This group could also hash out the "other" behaviors document.
- Josh: We have needs and plans regarding completion of the WebAC implementation that are going to be difficult in the Modeshape version and which are held up by the lack of resolution on the API specification.
- Aaron C.: Perhaps a way forward would be to limit the number of editors, but with lots of contributors (this limits the number of folks who need to come to consensus, and is a model commonly used in other specifications in the wider community).
- Andrew: We didn't get to any of the other agenda items besides the API specification effort, but it is an important topic and this was a productive discussion.