

2017-05-25 - 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

- [Esmé Cowles](#)
- [Joshua Westgard](#)
- [Jim Coble](#) ★
- [Aaron Birkland](#)
- [Danny Bernstein](#)
- [Andrew Woods](#)
- [Ben Pennell](#)
- [Nick Ruest](#)
- [David Wilcox](#)
- [Jared Whiklo](#)
- [Simeon Warner](#)

Agenda

1. Any news from [Kevin Ford's issue from list](#)
2. [Fedora 4.7.3 release testing](#)
3. Performance metrics from [fedora-tech](#) ([Christopher Johnson](#))
4. Moving Fedora impl towards the [API Specification](#)
5. Integrity issues with Import/Export of versions ([Ben Pennell](#))
6. ...
7. Status of "in-flight" tickets

Ticket Summaries

1. Please squash a bug!

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCREP O-3541	eTags need to update when containment or membership change	🔴	Nov 19, 2020	Nov 19, 2020		Unassigned	Jared Whiklo	🔴	OPEN	Unresolved
FCREP O-3539	Spaces in IDs create problems when working with RDF	🔴	Nov 19, 2020	Nov 23, 2020		Unassigned	Peter Winckles	🔴	OPEN	Unresolved
FCREP O-3538	Wildcard searches and ids containing *	🔴	Nov 19, 2020	Nov 19, 2020		Unassigned	Peter Winckles	🔵	OPEN	Unresolved
FCREP O-3529	Transactions do not rollback cleanly	🔴	Nov 11, 2020	Nov 18, 2020		Unassigned	Peter Winckles	🔴	OPEN	Unresolved

FCREP O-3525	Implement http://www.w3.org/ns/oa#PreferredContainerDescriptions header handling		Nov 09, 2020	Nov 19, 2020	Unassigned	Jared Whiklo		OPEN	Unresolved
FCREP O-3521	Ensure all RDF formats supported in fcrepo-import-export also available in fcrep-upgrade-utils		Nov 06, 2020	Nov 18, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3519	Acting on a closed transaction throws stacktrace		Nov 06, 2020	Nov 18, 2020	Unassigned	Jared Whiklo		OPEN	Unresolved
FCREP O-3506	OOM on GET of root with many child containers		Oct 29, 2020	Nov 16, 2020	Unassigned	Andrew Woods		OPEN	Unresolved
FCREP O-3502	API Test Suite Failure: 6.2-A, B: The notification serialization MUST conform to the [activitystreams-core] specification, and each event MUST contain the IRI of the resource and the event type.		Oct 23, 2020	Nov 23, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3501	API Test Suite Failure: 6.1: For every resource whose state is changed as a result of an HTTP operation, there MUST be a corresponding notification made available describing that change.		Oct 23, 2020	Nov 23, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3495	API Test Suite Failure: 5.4-B: The server must reject the request and respond with a 4xx or 5xx range status code, such as 409 (Conflict)		Oct 23, 2020	Nov 23, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3484	API Test Suite Failure: 5.0-S: acl:Control is a special-case access mode that gives an agent the ability to modify the ACL of a resource.		Oct 22, 2020	Nov 23, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved

FCREP O-3480	API Test Suite: 4.3.3.1-E,F : If an LDPCv supports POST, a POST with a Memento-Datetime header should be understood to create a new LDPRm contained by the LDPCv, with the state given in the request body.		Oct 22, 2020	Nov 19, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3477	API Test Suite: 4.1.1-A-1: If no LDPRm is appropriate to the Accept-Datetime value, implementations should return a 406 (Unacceptable).		Oct 22, 2020	Nov 19, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3469	API Test Suite: 3.1.3-P FAILURE - SHOULD allow the Idp: insertedContent Relation property to be set by default to Idp: MemberSubject.		Oct 22, 2020	Nov 23, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3468	API Test Suite: 3.1.3-O FAILURE - MUST allow insertedContent Relation to be set by default		Oct 22, 2020	Nov 23, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3423	ACLs not displayed properly		Sep 12, 2020	Nov 18, 2020	Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3410	Implement IndirectContainers		Sep 03, 2020	Nov 23, 2020	Ben Pennell	Danny Bernstein		OPEN	Unresolved
FCREP O-3369	Trying to delete, purge and re-create an resource in a transaction causes error		Jul 08, 2020	Nov 18, 2020	Unassigned	Jared Whiklo		OPEN	Unresolved
FCREP O-3368	Stacktrace on webapp shutdown		Jul 08, 2020	Aug 03, 2020	Unassigned	Andrew Woods		OPEN	Unresolved

Showing 20 out of 29 issues

2. Tickets resolved this week:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
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FCREP O-3540	fcrepo doesn't run on postgres when running on AWS RDS		Nov 19, 2020	Nov 23, 2020	Danny Bernstein	Danny Bernstein		CLOSED	Fixed
FCREP O-3535	GET to /fcr:fixity is returning 500		Nov 18, 2020	Nov 23, 2020	Jared Whiklo	Danny Bernstein		IN REVIEW	Ready for Test
FCREP O-3534	Remove "repository" typos		Nov 17, 2020	Nov 17, 2020	Andrew Woods	Andrew Woods		IN REVIEW	Ready for Test
FCREP O-3532	move fcrepo build off of travis		Nov 14, 2020	Nov 19, 2020	Peter Winckles	Peter Winckles		CLOSED	Fixed
FCREP O-3514	Alpha: create Docker image for Alpha release		Nov 05, 2020	Nov 18, 2020	Danny Bernstein	Andrew Woods		CLOSED	Fixed
FCREP O-3513	Document breaking changes		Nov 02, 2020	Nov 18, 2020	Peter Winckles	Danny Bernstein		CLOSED	Done
FCREP O-3512	Document Upgrade Process		Nov 02, 2020	Nov 18, 2020	Danny Bernstein	Danny Bernstein		CLOSED	Done
FCREP O-3505	Remove Fedora 4/5 dependencies and references from migration-utils		Oct 28, 2020	Nov 19, 2020	Danny Bernstein	Danny Bernstein		IN REVIEW	Fixed
FCREP O-3447	Document configurable database properties		Oct 08, 2020	Nov 17, 2020	Danny Bernstein	Danny Bernstein		IN REVIEW	Done
FCREP O-3442	Document Fedora setup using S3		Oct 06, 2020	Nov 17, 2020	Andrew Woods	Peter Winckles		CLOSED	Done
FCREP O-3438	Update fcrepo-aws-deployer to work with latest fcrepo-docker updates		Sep 30, 2020	Nov 23, 2020	Danny Bernstein	Danny Bernstein		IN REVIEW	Fixed
FCREP O-3425	Fedora rdf types are not treated as managed		Sep 12, 2020	Nov 19, 2020	Unassigned	Peter Winckles		CLOSED	Fixed
FCREP O-3424	Repository root is missing its root acl		Sep 12, 2020	Nov 19, 2020	Jared Whiklo	Peter Winckles		CLOSED	Fixed
FCREP O-3407	Move fcrepo-storage-ocfl to the main fcrepo organization		Aug 27, 2020	Nov 18, 2020	Unassigned	Peter Winckles		CLOSED	Done
FCREP O-3341	Update Database docs		Jun 04, 2020	Nov 18, 2020	Unassigned	Andrew Woods		CLOSED	Done
FCREP O-3318	Integrate fcrepo-docker into travis pipeline		May 21, 2020	Nov 17, 2020	Thomas Bernhart	Thomas Bernhart		CLOSED	Done
FCREP O-3308	Consolidate Fedora configuration in one place.		May 08, 2020	Nov 17, 2020	Unassigned	Danny Bernstein		CLOSED	Duplicate

FCREP O-3298	Document Search API		May 06, 2020	Nov 17, 2020	Danny Bernstein	Danny Bernstein		CLOSED	Done
FCREP O-3274	Update Transaction Sidecar Spec to match recent Transaction implementation updates.		Apr 09, 2020	Nov 18, 2020	Unassigned	Danny Bernstein		CLOSED	Duplicate
FCREP O-3273	Rebuild from Plain Vanilla (non Fedora-generated) OCFL		Apr 09, 2020	Nov 18, 2020	Unassigned	Danny Bernstein		CLOSED	Won't Do

Showing 20 out of 29 issues

3. Tickets created this week:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCREP O-3542	Make metrics configurable		Nov 20, 2020	Nov 20, 2020		Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3541	eTags need to update when containment or membership change		Nov 19, 2020	Nov 19, 2020		Unassigned	Jared Whiklo		OPEN	Unresolved
FCREP O-3540	fcrepo doesn't run on postgres when running on AWS RDS		Nov 19, 2020	Nov 23, 2020		Danny Bernstein	Danny Bernstein		CLOSED	Fixed
FCREP O-3539	Spaces in IDs create problems when working with RDF		Nov 19, 2020	Nov 23, 2020		Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3538	Wildcard searches and ids containing *		Nov 19, 2020	Nov 19, 2020		Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3537	Enforce Fedora ID restrictions		Nov 19, 2020	Nov 19, 2020		Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3536	Fedora ID length limit		Nov 18, 2020	Nov 18, 2020		Unassigned	Andrew Woods		OPEN	Unresolved
FCREP O-3535	GET to /fcr: fixity is returning 500		Nov 18, 2020	Nov 23, 2020		Jared Whiklo	Danny Bernstein		IN REVIEW	Ready for Test
FCREP O-3534	Remove "repository" typos		Nov 17, 2020	Nov 17, 2020		Andrew Woods	Andrew Woods		IN REVIEW	Ready for Test

9 issues

Minutes

1. Any news from [Kevin Ford's issue from list](#)
Skipped
2. [Fedora 4.7.3 release testing](#)

- a. RC is out for 4.7.3. Need to complete the standard release testing. [Jim Coble](#) will see if he can do some of the Hydra testing; if not, [Esmé Cowles](#) will. [Esmé Cowles](#) will also see if he can engage others in the Hydra community for testing. [Ben Pennell](#) will see if there is someone on his team who can help with Hydra testing.
 - b. Scenarios that need to be accounted for as part of the release notes
 - i. User upgraded from 4.7.0 to 4.7.1/2, then to 4.7.3. Good chance they will encounter namespace error after shutting down 4.7.1/2 and trying to spin up 4.7.3. Workaround developed by [Aaron Birkland](#): Do backup from 4.7.1/2 before shutting down. Edit appropriate entries in backup JSON to re-add ns0xx namespaces. Restore to 4.7.3. Probably also possible to accomplish same thing via database updates. [Andrew Woods](#) and [Aaron Birkland](#) will work on Google doc on remediation process in preparation for release notes.
 - ii. User starts on 4.7.1/2 and upgrades to 4.7.3. Do not expect there to be a problem.
 - c. Prerequisites for releasing 4.7.3: standard testing done; release notes done; confirmation from Chemical Heritage Foundation (at least) that 4.7.3 actually fixes the problem.
3. Performance metrics from [fedora-tech](#) ([Christopher Johnson](#))
[Christopher Johnson](#) has expressed interest in performance-related testing. How do we as a community move this arena forward? [Joshua Westgard](#) and [Ben Pennell](#) expressed interest during the call. [Andrew Woods](#) encouraged them and anyone else interested in the topic to indicate their interest on the fedora-tech thread. One quick win might be to repeat the suite of performance tests (last done on Fedora 4.5?) on the latest release. Would also be good to begin to move the tests to compliance with the API specification
 4. Moving Fedora impl towards the [API Specification](#)
Would having one or more sprints focused on this be the best way to move it forward? Target date for first public working draft of spec is June 20. [Esmé Cowles](#) noted that Hydra folks are using Modeshape Fedora almost exclusively, though there is also some interest in Cavendish. Perhaps a sprint in July or August would be good. It would be good to document the delta's needed in the current code base to reach API spec compliance. Some work has previously been done on an "Adopter's Guide" – <https://github.com/fcrepo/fcrepo-adopters-guide>. Would be good to have a delta's document focused toward fcrepo developers. The API spec editorial team may be able to help with this.
 5. Integrity issues with Import/Export of versions ([Ben Pennell](#))
As part of his work on the Import/Export Sprint, [Ben Pennell](#) has encountered some issues related to importing exported versions in the area of auto-generated relationships, perhaps specifically related to indirect containers.