

2016-09-01 - 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](#)
 - 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

- [Longshou Situ](#)
- [Unknown User \(acoburn\)](#)
- [Esmé Cowles](#)
- [Yinlin Chen](#)
- [Nick Ruest](#)
- [Bethany Seeger](#)
- [Aaron Birkland](#)
- [Jared Whiklo](#)
- [Jim Coble](#) ★
- [Andy Wagner](#)
- [Andrew Woods](#)
- [Jennifer Lindner](#)
- [Michael Durbin](#)

Agenda

1. Updates and Announcements
 - a. [Fedora 4.6.0](#) has been released!
 - b. [Registration](#) is open for [Fedora Camp NYC](#) November 28-30
 - c. [Archivematica Camp](#) - updates? outcomes?
 - d. [Import/Export sprint update](#)
2. [Linked Data Notifications](#) - roll into Fedora as an fcrepo-exts project?
3. [GraphQL](#) - roll into Fedora as an fcrepo-exts project?
4. Process for deprecating fcrepo-transform
5. [concurrency](#)
6. [Application Link configuration](#) requests containing RDF bodies:
7.
 - a. [Depends on community verification of /fcr:backup and /fcr:restore](#)
8. Status of "in-flight" tickets

Unable to locate Jira server for this macro. It may be due to

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

Ticket Summaries

1. Please squash a bug!

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

2. Tickets resolved this week:

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

3. Tickets created this week:

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

Minutes

1. Updates and Announcements

- a. [Fedora 4.6.0](#) has been released!
 - i. Last release that will be dependent on ModeShape 4. Master branch is now dependent on ModeShape 5 and is expected to be the basis for release 4.7.
 - ii. Release Notes will be updated to call out changes that necessitated a new major release (i.e., 4.6 instead of 4.5.2).
 - iii. There is now a mandatory database config item. 4.6.0 no longer defaults to LevelDB.
- b. [Registration](#) is open for [Fedora Camp NYC](#) November 28-30
- c. [Archivematica Camp](#) - updates? outcomes?
 - i. Not much outcome in terms of Fedora - Archivematica hacking
- d. Import/Export [sprint update](#)
 - i. Sprint began on Monday. Goal is to complete Phase 1 priorities.
 - ii. So far, sprint is basically through Phase 1 a, b, and c sub-priorities

2. [Linked Data Notifications](#) - roll into Fedora as an fcrepo-exts project? [Unknown User \(acoburn\)](#)

- a. Web resources can be linked to an inbox. Clients can then create events on that inbox.
- b. Some minor contradictions between Fedora and the Linked Data Notifications spec – e.g., in the absence of an Accept header, Fedora will return Turtle and Linked Data Notifications spec calls for JSON-LD in that case.
- c. Is this worth including as an fcrepo-exts project?
 - i. Examples of what it would be used for? Dropping in notices about resource changes and specific out-of-band events associated with a resource; e.g., photo of college president gets used in a publication.
 - ii. Would existing audit functionality allow handling these kinds of events? Currently, no clear way to get from a resource to the audit events associated with that resource (though there is to go from the audit event to the resource).
 - iii. Linked Data Notifications has the advantage of having a spec behind it. We would not be making up our own thing.
 - iv. Adding this to fcrepo-exts seems to pose no conflict with the intent of fcrepo-exts (a place for interesting functionality related to Fedora that isn't core).
- d. [Unknown User \(acoburn\)](#) will work on this, though it may be a while before he gets to it.

3. [GraphQL](#) - roll into Fedora as an fcrepo-exts project? [Unknown User \(acoburn\)](#)

- a. Most of Fedora deals with a resource as a whole.
- b. GraphQL is a draft spec for querying REST endpoints and returning only requested data.
- c. [Unknown User \(acoburn\)](#) will likely experiment with it locally at Amherst and later move it to a fcrepo namespace if it looks like it may be of wider use.

4. Process for deprecating fcrepo-transform [Andrew Woods](#)

- a. 4.6.0 still has fcrepo-transform as part of webapp-plus. Work has been done to pull the functionality into a Camel component.
- b. 4.6.0 returns a deprecation warning header. The plan is to remove it from 4.7 and provide documentation on how to use the new Camel component functionality as a replacement.
- c. Anything else we should do to inform the community about this particular deprecation (or deprecations in general)? No additional suggestions.

5. [concurrency](#)

- a. Closely spaced PUT's to the same named resource can result in resources with same name, except for array type suffix.
- b. [Michael Durbin](#) is working on PR that involves locking.
- c. How aggressively do we want to lock or do we want to lock at all?
- d. Opinions
 - i. What [Michael Durbin](#) is doing seems to address the issue.
 - ii. Any counter-arguments? [A. Soroka](#) (not on call) may have some?

- iii. Short-comings of current solution
 - 1. Pairtree nodes need to be locked. [Michael Durbin](#) will incorporate this.
 - 2. Doesn't work with transactions. Note this for now and decide later whether to address.
 - iv. Would proposed approach potentially result in long-blocked requests if putting to same part of pairtree as a large binary PUT?
[Michael Durbin](#) will see how hard it would be to address this concern.
 - e. Consensus is to move forward with proposed approach.
 - f. [Longshou Situ](#) is also working on this at the ModeShape
6. Application Link configuration. requests containing RDF bodies: Unable to locate Jira server for this macro. It may be due to
- Application Link configuration. of PUT request. Postpone to next call.
- b. To consider in the meantime:
 - i. How does proposed change align with LDP specs?
 - ii. Is the proposed change the desired behavior?
 - iii. How does the http requirement for idempotency factor in?
7. Fedora 4.7.0 planning – Postponed to next call.