

2016-04-21 - 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

- [A. Soroka](#)
- [Jared Whiklo](#)
- [Bethany Seeger](#)
- [Yinlin Chen](#)
- [Benjamin Armintor](#)
- [Andrew Woods](#)
- [David Wilcox](#) ★
- [Allen Flynn](#)
- [Namita Bahulekar](#)
- [Longshou Situ](#)
- [Esmé Cowles](#)
- [Unknown User \(acoburn\)](#)

Agenda

1. [4.5.1 RC-3 testing status](#)
2. Strange behavior of Binaries and NonRdfSourceDescriptions (see [gist](#) and [comment](#) below)
3. Schedule special-topic meeting on [Versioning Spec](#) (pre-requisite reading: [Memento spec](#))
4. F4 plans for [moving to Modeshape5](#)
5. [Release candidate policy](#)
6. Can we cut a release for [fcrepo-build-tools](#)
7. Upcoming release for [fcrepo-camel](#)
8. Thoughts on multi-tenancy
9. ...
10. Status of "in-flight" tickets

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

Ticket Summaries

1. Please squash a bug!

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

2. Tickets resolved this week:

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

3. Tickets created this week:

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

Minutes

4.5.1 RC-3 testing status

- Includes all known issues
- No outstanding tickets for RC4
- Sign-off from Hydra and Islandora on sanity tests
- Still need to run through tests based on exercises we do in workshops
- Plan to release 1 week from tomorrow
- This release was thoroughly tested

Strange behavior of Binaries and NonRdfSourceDescriptions

- Looks like we have agreement on expected behaviour
- Last modified date on binary source descriptions is problematic
- What should the behaviour be?
- Option 1: Collapse last modified info from binary and binary description into a single value
 - Seems like a bad choice but fixes broken behaviour
- Option 2: Keep these values separate but distinguish between HTTP representation and resource representation
- Data from the headers is HTTP-specific: it concerns representations. Data from the body (RDF) is repository-specific: it concerns resources.
- Note: In the event that the binary itself is changed (e.g. via a PUT operation), it is expected that all last-modified dates would change: the fedora: lastModified date in the RDF would change, since the binary was modified, as would the HTTP headers corresponding to the binary. Since the RDF in the description would change (in addition to fedora:lastModified, the premis:hasMessageDigest would also change) the HTTP last-modified header corresponding to the RDF description would also need to change (since its representation changed).
- Should we distinguish between a change to the binary and a change to the description in the messaging framework?
 - This will require further discussion. A binary and its description are 2 different HTTP resources but different aspects of the same Fedora repository resource
 - **Action:** Continue this discussion at the committers meeting at OR2016

Schedule special-topic meeting on Versioning Spec

- We will move forward with spec docs one at a time
- Versioning appears to be ready to move forward
 - Move into Git repo and use Respec tool
- There are 2 options for how versions are created
 - Need agreement on this before we move forward
 - Option 1: Indicate that a resource should be versioned. Any updates create a new version
 - Option 2: A parallel resource is a versioning target. POSTing to that resource creates a snapshot on demand
- **Action:** Andrew will send out a Doodle poll to schedule the meeting

F4 plans for moving to Modeshape5

- Modeshape 5 has been released
- No longer uses Infinispan
- There is a ticket for moving to Modeshape 5
- A migration will be required
 - A backup/restore operation is recommended
 - Fedora exposes this capability already
 - This capability will be deprecated in the future but for now it is useful
- We will need to update configurations/dependencies and do a lot of testing

- At what point will we support more than one release?
 - One that supports Mode4 and one that supports Mode5
 - Will we have parallel releases?
 - If the migration is smooth, we should encourage everyone to upgrade
 - If not, parallel releases may make more sense
- Should we use Mode5 to launch Fedora 5?
- Should we have separate releases for the implementations and the APIs?
 - Need to get all the JCR stuff out of the API
 - We would have 2 implementations at first: Mode4 and Mode5
 - What would their version numbers be?
 - Mode4 could be 4.x and Mode5 could be 1.x
 - fedora-4.6.0-mode5-1.0.0
- This is an opportunity to separate the API from the implementation and encourage alternate implementations
- Need a new branch for Mode5

Release candidate policy

- Please review

Can we cut a release for fcrepo-build-tools

- Fewer lines of code in test suites
- Can we cut a new release?
- Need to update modules that use build tools directly
- **Action:** Aaron will create a ticket and cut a 4.4.1 release

Upcoming release for fcrepo-camel

- Done