

# 2018-05-03 - Fedora Tech Meeting

## Time/Place


This meeting is a hybrid teleconference and slack chat. Anyone is welcome to join...here's the info:

- Time: 11:00am Eastern Daylight Time US (UTC-4)
- Audio/Video Conference Link: <https://duraspace.zoom.us/my/fedora>
  - Dial-in:
    - +1 408 638 0968
    - +1 646 876 9923
    - +1 669 900 6833
  - Meeting ID:
    - 812 835 3771
- Join [fedora-project.slack.com](https://fedora-project.slack.com) on the "tech" channel

## Attendees



- [Danny Bernstein](#)
- [Andrew Woods](#)
- [Bethany Seeger](#)
- [Jared Whiklo](#)
- [Peter Eichman](#)
- [Kevin Ford](#) ★
- [Ben Pennell](#)
- [Mohamed Abdul Rasheed](#)
- [Randall Floyd](#)
- [Carrick Rogers](#)
- [James Silas Creel](#)
- [Aaron Birkland](#)

## Agenda

1. Sprint Summary
  - a. Updates on
    - i. External Content
    - ii. WebAC
    - iii. Binary Versioning
    - iv. CTS
2. The fate of /fcr:fixity endpoint: should we continue to support it in 5.0?
3. Getting to 5.0
  - a. Another sprint?
  - b. Everyone commit to a ticket or two this week?
  - c. 5.x Documentation Effort
    - i. [5.x Documentation Updates](#) matrix
  - d. Ecosystem tools dependent on the release:
    - i. java client
    - ii. camel tool kit
    - iii. fcrepo4-vagrant
    - iv. import export tool
    - v. api-x
4.  [FCREPO-2604](#) - Assure that messages are emitted when required by the spec CLOSED :
  - a. Are we comfortable with messages emitted?
5. ?

## Ticket Summaries

1. Please squash a bug!

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
<a href="#">FCREPO-3269</a>	<a href="#">NonRdfSource descriptions are missing triples</a>		Apr 02, 2020	Apr 02, 2020		Unassigned	Jared Whiklo		<span>OPEN</span>	Unresolved

FCREP O-3261	404 should not include low-level response		Mar 26, 2020	Mar 26, 2020	Unassigned	Andrew Woods		OPEN	Unresolved
FCREP O-3257	PUT on existing container should be 409		Mar 20, 2020	Mar 26, 2020	Unassigned	Andrew Woods		OPEN	Unresolved
FCREP O-3256	Ghost nodes should be immutable		Mar 20, 2020	Apr 02, 2020	Unassigned	Andrew Woods		OPEN	Unresolved
FCREP O-3252	Disallow creating mementos within the same second		Mar 17, 2020	Mar 19, 2020	Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3244	Response triples should reference URIs and not internal IDs		Mar 09, 2020	Mar 09, 2020	Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3243	Fix concurrency issue when creating persistence sessions		Mar 09, 2020	Mar 09, 2020	Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3238	Address naming collisions for .fcrepo files		Feb 20, 2020	Feb 21, 2020	Unassigned	Peter Winckles		OPEN	Unresolved
FCREP O-3234	PaxExam update needed to support Maven's HTTPS requirement		Feb 20, 2020	Feb 20, 2020	Unassigned	Jared Whiklo		OPEN	Unresolved
FCREP O-3145	Fix migration-utils inline XML migration to not transform XML en route		Nov 25, 2019	Mar 02, 2020	Andrew Woods	Scott Prater		OPEN	Unresolved
FCREP O-3140	Implement disambiguation pattern for OCFL file naming collisions		Nov 21, 2019	Mar 20, 2020	Unassigned	Jared Whiklo		OPEN	Unresolved
FCREP O-3139	Design a disambiguation pattern for the OCFL file naming		Nov 21, 2019	Apr 03, 2020	Unassigned	Jared Whiklo		OPEN	Unresolved
FCREP O-3138	Test HTTP -> Service layer		Nov 21, 2019	Nov 22, 2019	Unassigned	Jared Whiklo		RECEIVED	Unresolved
FCREP O-3114	Unauthorized users can delete child resources		Nov 07, 2019	Nov 07, 2019	Unassigned	Danny Bernstein		RECEIVED	Unresolved

FCREP O-3070	Creating external binary with bad URI and digest blows up		Sep 24, 2019	Sep 24, 2019	Unassigned	Ben Pennell		<span>OPEN</span>	Unresolved
FCREP O-3037	Prefer header 'omit' containing 'PreferMinima Container' URL not honored		Sep 06, 2019	Nov 22, 2019	Unassigned	Bethany Seeger		<span>OPEN</span>	Unresolved
FCREP O-3022	Intermittent build failure		Jul 15, 2019	Jul 16, 2019	Unassigned	Aaron Birkland		<span>OPEN</span>	Unresolved
FCREP O-3005	GET and PUT on resource/fcr: metadata/fcr: acl and resource/fcr: versions/fcr: acl return 400		Jun 06, 2019	Jun 06, 2019	Danny Bernstein	Danny Bernstein		<span>OPEN</span>	Unresolved
FCREP O-3003	JSON-LD representation of rdf:Lists is incorrect		Jun 03, 2019	Jun 03, 2019	Unassigned	Jared Whiklo		<span>OPEN</span>	Unresolved
FCREP O-2998	Potential issue with namespace registry		May 22, 2019	Jun 21, 2019	Bethany Seeger	Anna Dabrowski		<span>OPEN</span>	Unresolved

Showing 20 out of 66 issues

2. Tickets resolved this week:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCREP O-3263	NonRdfSource descriptions are missing headers		Apr 01, 2020	Apr 02, 2020		Jared Whiklo	Jared Whiklo		<span>CLOSED</span>	Fixed
FCREP O-3259	User provided RDF does not get the correct subject		Mar 26, 2020	Mar 31, 2020		Andrew Woods	Jared Whiklo		<span>CLOSED</span>	Fixed
FCREP O-3246	Cannot create binary resources with content types claimed by RDF sources		Mar 10, 2020	Apr 02, 2020		Jared Whiklo	Peter Winckles		<span>IN REVIEW</span>	Ready for Test

3 issues

3. Tickets created this week:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
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FCREP O-3269	NonRdfSource descriptions are missing triples		Apr 02, 2020	Apr 02, 2020	Unassigned	Jared Whiklo		OPEN	Unresolved
FCREP O-3268	Rebuild does not succeed for Binary resources		Apr 02, 2020	Apr 03, 2020	Jared Whiklo	Andrew Woods		IN PROGRESS	Unresolved
FCREP O-3267	Update SMT documentation for fcrepo6		Apr 02, 2020	Apr 02, 2020	Ben Pennell	Ben Pennell		OPEN	Unresolved
FCREP O-3266	Implement Transaction Expiration		Apr 01, 2020	Apr 01, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3265	Implement cancel transaction on transaction endpoint		Apr 01, 2020	Apr 01, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3264	Implement Start and Commit of multi-request spanning transactions		Apr 01, 2020	Apr 01, 2020	Unassigned	Danny Bernstein		OPEN	Unresolved
FCREP O-3263	NonRdfSource descriptions are missing headers		Apr 01, 2020	Apr 02, 2020	Jared Whiklo	Jared Whiklo		CLOSED	Fixed

7 issues

## Minutes

### 1. Sprint Summary

a. Danny: Sprint successful. Closed 30 issues. 11 Participants. Major work to handling of binaries and their descriptions (overhaul really) – to their structure to support binary mementos. Still some small issue around deleting of mementos nevertheless on the verge of declaring victory after some additional testing. Congrats to [Ben Pennell](#). Major overhaul to WebAC. WebAC piece ended up being bigger than expected, but hats off to [Mohamed Mohideen Abdul Rasheed](#) and [Peter Eichman](#) for this effort.

### b. Updates on

#### i. External Content

1. Bethany – Got tests passing and rebased. Working on getting binary memento tests to pass. Hope to have PR later today or tomorrow AM. Proxy and Copy should be covered. Versioning of external content: Has this scenario been addressed?
2. Jared noted that one might version the metadata related to the External Content, but there was a general consensus that versioning content, proxied or otherwise, outside the repository was beyond the scope.

#### ii. WebAC

1. Peter - Major refactoring into shiro and out of modeshape and fedora authorization delegates. Intend to get back to a few of the remaining issues or get the code pushed up for someone else to bring to completion. Given how modeshape works, we will still need some implementation of an authorization provider for modeshape to set up the security context for modeshape, despite the fact that we are not doing the authorization in modeshape, because modeshape still needs to know “who” did something. Mohamed has some work on this started.

#### iii. Binary Versioning

1. Work merged into ‘master’. Worked out separation of binary and description. With one command you can create a binary version and that automatically creates a version of the description. And then you can independently version them. Work is in a good place.


#### iv. CTS

1. Danny – CTS is getting there. Should be in a good place by EOD to fix currently breaking tests, or to at least investigate the issues, and then it should be clear where to layer in the additional elements of the specification.
2. Randall noted that it was initially difficult to translate written spec to a test, but newer patterns in CTS provides clearer path forward.

### 2. The fate of /fcr:fixity endpoint: should we continue to support it in 5.0?

a. There was a question surrounding this in Slack, presumably because the interaction for the digest feature in 5.0 is entirely Header-based and the 4.0 /fcr:fixity endpoint is superfluous.

- b. In the end, there is a notional consensus to remove the /fcr:fixity endpoint, but we should send note out to the list asking for feedback.
- 3. Getting to 5.0
  - a. Another sprint?
  - b. Everyone commit to a ticket or two this week?
    - i. Danny - <https://jira.duraspace.org/browse/FCREPO-2275?filter=14401> Grab a ticket and let's see if we can get 'er done.
    - ii. If above tickets were closed, we'd be in alignment with spec.
    - iii. BUT definitely more work to do on Documentation and CTS.
  - c. 5.x Documentation Effort
    - i. [5.x Documentation Updates](#) matrix
      - 1. Danny - Took every 5.x documentation page and set up a process around documentation review. Seemed straightforward and less arduous than using Jira for this. Put you name by a page and get crackin'.
      - 2. Kevin – If those who worked on specific elements of the API – fixity or versioning for example – could initially review the carried-over documentation that would be really helpful as those individuals will be most familiar with the new interaction patterns and/or API differences.
      - 3. Andrew – Perhaps if Peter and Mohammed could look at WebAC....
  - d. Ecosystem tools dependent on the release:
    - i. General agreement that a review of the existing ecosystem tools should be reviewed to determine whether there are any blockers or otherwise prioritize upgrading them.
    - ii. Noted that there are unlikely to be any 'blockers' but emphasized that the community might identify a number of very-nice-to-haves.
    - iii. Will take list to leadership group and community generally.
    - iv. List
      - 1. java client
      - 2. camel tool kit
      - 3. fcrepo4-vagrant
      - 4. import export tool
      - 5. api-x
      - 6. fcrepo4-exts

- 4.  [FCREPO-2604](#) - Assure that messages are emitted when required by the spec CLOSED :
  - a. Are we comfortable with messages emitted?
    - i. TIME. Noted we need to talk about this but discussion postponed.

## Actions

- [Danny Bernstein](#) Create a ticket to check whether or not the fcrepo-camel-toolbox still works with 5.0. Part of that ticket is to evaluate whether or not there are dependencies on the jms.\* headers included in the messages generated by Fedora
- [Bethany Seeger](#) Create tickets to test versioning and redirect/proxy.
- Kevin Ford Ask community about /fcr:fixity endpoint.
- Danny Bernstein Inquire with leadership group (and broader community?) about prioritizing ecosystem tools for alignment with 5.0.