

2016-01-21 - 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

- [Unknown User \(acoburn\)](#)
- [Bethany Seeger](#)
- [Yinlin Chen](#)
- [Esme Cowles](#)
- [Jared Whiklo](#) ★
- [Andy Wagner](#)
- [A. Soroka](#)
- [David Wilcox](#)
- [Namita Bahulekar](#)
- [Andrew Woods](#)
- [Yinlin Chen](#)
- [Kevin S. Clarke](#)

Agenda

1. Transaction use cases
2. 4.5.0 release status
3. Open Repositories 2016 [proposals](#)
4. Memento and Fedora are friends
5. UCSD / [Hydra dev-congress topics](#)
6. Status of "in-flight" tickets

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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Ticket Summaries

1. Please squash a bug!

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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2. Tickets resolved this week:

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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3. Tickets created this week:

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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Minutes

- Transaction use cases - Lack of consensus and we needed some more input and concrete input and discussion. 3 more transaction use cases.
 - [ICPSR Transaction Use Cases](#) - long running atomic operations
 - Long running transactions. Generate DOI using external vendors, send JMS messages to replicate
 - Something that works with a two-phase commit strategy, not currently offered in Fedora.
 - Integrating with JTA providers, still some discussion around this.
 - Do we want to support long running transactions?
 - Which could mean hours.
 - Current implementation supports this with a refresh to transaction timeout.
 - Could add a header to show the remaining time on your transaction. Which is returned when you extend your transaction already.
 - Do we want to support two-phase commits?
 - Transactions are fully supported in the Camel component, if you define a route and mark it as transacted, then if any route endpoint fails then the Fedora portion will be rolled back.
 - It's about what type of middleware you use.
 - This is a REST API. So we will generally not add this type of feature to the Fedora API.
 - [UNSW Australia Transaction Use Case for ResData](#) - actual offers a use case with needs beyond simple atomic operations.
 - Are we interested in validation in the Fedora API in anyway. [A. Soroka](#) says "hell no".
 - Modeshape 5 is moving towards greater levels of consistency, perhaps users that need these features can continue with that implementation. Where users which want other less consistency features can look to another implementation.
 - [Islandora CLAW Transaction Use Case](#) - again atomic operations and durability.
 - definitely using atomic operations.
 - short lived transactions.
 - no need for consistency at this time.
 - isolation - snapshot isolation is probably sufficient, but may or may not be required at all. The concurrency of the application will have a large impact on this requirement.
 - Islandora CLAW will discuss on next Wednesday's call.
 - Also an old one from Islandora (Jonathan Green) and one from U Virginia which needs some input/completion can check with [Michael Durbin](#)?
 - The Islandora one can be removed as it is no longer valid (if it ever was) for Fedora 4.
 - In the current Fedora implementation we have a broader transaction support, but the Fedora API might have a more limited set of atomicity and durability. However an implementation can provide additional features, but people should not expect the continued support of those optional features.
 - We want to ensure that those organizations developing middleware have the features they need in the general specifications to ensure the long term viability of the Fedora API for their needs.
 - Who counts as an organization in the previous point? Organizations based around technologies or around a community (and generally a large one) which lends to continuing use. Longer term projects also have the worked longer term.
 - Isolation need is understandable but enforcing a form needs a strong use case
 - Consistency in the Fedora API is not currently needed by a large number of groups and present a significant roadblock to alternate implementations.
 - Delay any response/comments/call to action on the mailing list until after the Islandora CLAW call on the January 27, 2016.
- Release
 - Release testing has been completed.
 - [Esmé Cowles](#) and [Nick Ruest](#) will tag team the release.
 - [Andrew Woods](#) will pull together release notes and JIRA tickets.
- Open Repositories Proposals
 - Any Fedora related proposals going forward?
 - [Andrew Woods](#) is putting forward: A more detailed description of moving towards a cleared defined and specified API, the benefits and process involved. [A. Soroka](#) is interested in helping on this.
 - [Aaron Birkland](#) is thinking about an API-X proposal. This would definitely have support from the current and past Fedora community.
 - There will be a Fedora workshop, might be reasonable to have a committer meeting. Send a note to the Fedora Tech list to see who is attending OR Dublin.
 - Performance and clustering might be good but not ready.
 - Asynchronous integration would be a good one, but [Unknown User \(acoburn\)](#) will not be attending. However might write the paper which someone else could present.
- Memento versioning has been accepted as our strategy for versioning.
 - [Andrew Woods](#) had a conversation with Mike Nelson at CNI, he was interested in the prospect of a write API for Memento ????

- b. Rob Sanderson has also been involved in Memento creation and should be involved.
 - c. Ben Armintor has said he might help with the design from a LDP perspective.
 - d. Anyone attending the Hydra congress could meet to move the Memento project forward.
 - e. Islandora community should check the specifications and make sure it fits with our use cases and respond to the thread to raise concerns or affirm consensus. [Nick Ruest](#) thinks he may have responded.
5. Hydra dev congress
- a. Update the linked wiki page to add any topics you would like discussed.
6. In-flight tickets
- a. Please continue to work y
 - b. [Esmé Cowles](#) will review
7. [A. Soroka](#) feels we should start pu
8. [Andrew Woods](#) will be away for the next two weeks.
- a. Keep fighting the good fight.

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