

2019-11-07 - 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://lyrasis.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 on the "tech" channel

Attendees

Part 1:

1. [Danny Bernstein](#)
2. [Peter Winckles](#)
3. [Jared Whiklo](#)
4. [Bethany Seeger](#)
5. [Andrew Woods](#) ★
6. [Ben Pennell](#)
7. [Ben Cail](#)
8. [David Wilcox](#)
9. [Peter Eichman](#)
10. [Daniel Lamb](#)
11. [Mohamed Mohideen Abdul Rasheed](#)
12. [Dan Field](#)

Part 2:

1. [Danny Bernstein](#) ★
2. [Jared Whiklo](#)
3. [Ben Cail](#)
4. [Ben Pennell](#)
5. [Peter Eichman](#)

Agenda

1. Announcements
 - a. [OCFL Community call next week](#)
2. [2019 Fall Sprints - Fedora 6](#) : checkin/update
3. [Search / Containment Index Design](#)
4. [Decisions and Open Questions](#)
5. [OCFL spec update\(?\)](#)
6. [Draft functional requirements](#) for repositories based on [NDSA Levels of Preservation 2.0](#) (update)
7. <Your question/topic here>

Tickets

1. In Review

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. 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.										

3. 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.										

4. 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.										

Notes

Announcements

1. All are encouraged to join [OCFL Community call next week](#)

Sprint updates

CRUD

1. Implementing services:
 - create/update resources
 - persisting to OCFL
2. Team is working in layers
 - OCFL
 - Persistence
 - Services
 - HTTP
 - Indexing
3. Integration testing
 - We should be turning disabled tests back on as soon as possible

Migration-utils

1. So far cleaning up from last sprint
2. Beginning on move features forward
3. Dev team is slim

OCFL client

1. Updates and fixes being applied as required

Search / Containment Index Design

1. Beginning to sketch the DB schema
2. Interest in tying DB updates into internal message-bus
3. Details
 - If txn is acting on a resource that is updated outside of the txn, the txn will fail on commit
 - Containment index: potential simplifying modeling assumption: children have only one parent container
4. States of the index
 - In a txn
 - head
 - Within a version
5. Need to define the expected behavior within a transaction
 - Are updates happening outside of the txn visible within the txn?
 - or, the repo state is a snapshot from the point when the txn was started
6. ACTION: Peter to investigate approaches for txn behavior
 - ideal (complete isolation within the txn)
 - F5
 - most practical
7. Conversation will continue at 1pm ET
 - Should also include resolution of "Open Questions"

Open Questions:

1. We went through the list of open questions. Many items moved into the decided list. A couple moved to nearly decided. A few questions remain.
2. See [Decisions and Open Questions](#) for details.

Actions

- [Aaron Birkland](#) to look explore notion of OCFL client with database as authoritative metadata source + asynchronous writing of the inventory.json file
- [David Wilcox](#) will review the NDSA matrix and pull out the concrete technical requirements that could be considered during the Fedora 6 development.
- Call for comments on <https://docs.google.com/document/d/18rSFqqoxixmozZrgPKON59Ojpg5iOu4lsHDNMm23soY/edit#> till tuesday
- Clarify in in documentation that multiple simultaneous writes to OCFL are not supported