

# 2020-05-14 - 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/j/396037251>
  - Meeting ID: 396 037 251
  - Find your local number: <https://lyrasis.zoom.us/u/ad6Xb7q3ia>
- Join [fedora-project.slack.com](https://fedora-project.slack.com) on the "tech" channel
  - Self-register at: <http://slack.fcrepo.org/>

## Attendees

1. [Danny Bernstein](#)
2. [Jared Whiklo](#)
3. [Andrew Woods](#)
4. [Peter Winckles](#)
5. [David Wilcox](#)
6. [Thomas Bernhart](#)
7. [Ben Pennell](#) ★

## Agenda

### 1. Announcements

- a. Update on Fedora CI - sonatype and docker
- b. [June 1-5 Sprint](#)

### 2. [May 4-8 Sprint](#) - Wrap up

- a. What's done
- b. Tickets n

i.

ii.

iii.

iv.

v.

vi.

vii.

viii.

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

- c. Demo

### 3. Database support

- a. [FL Id index to database -](#)

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

Link configuration.

- b. Differences (H2, mysql, postgresql)

### 4. Fedora 6 Configuration

- a. <https://docs.google.com/document/d/1EuB7QThWP2HhnAqztmUyJgbaxciBa0ySI1ShsciyRE/edit?usp=sharing>
- b. Goal: review settings and determine what we want the user experience to be
- c. Reference: [Best Practices - Fedora Configuration](#)

### 5. Open questions:

- a. [JMS: Remove Fedora-related JMS messaging headers? 2018-04-26 - Fedora Tech Meeting](#)

### 6. Commun

- a. [Unable to locate Jira server for this macro. It may be due to Application Link configuration.](#)

7. type key summary assignee reporter priority status resolution created updated due

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

# Tickets

1. In Review

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
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

- 1. Announcements
  - a. Docker - Thomas and Danny finishing fcrepo-docker, scripts for building it.
    - i. when fcrepo deployment is complete, it will deploy to sonatype, clone fcrepo-docker and run it
    - ii. Didn't use docker actions because they are triggered by commits rather than complete deployments
- 2. May Sprint wrap-up
  - a. Simple search project started, started code and specification
    - i. Documented, still need to transfer it to the wiki
    - ii. Code started, initial endpoints in a PR
  - b. Migration utils
    - i. PR to produce fedora 6 objects or ocfl without fedora aspects
      - 1. Peter ran Fedora 6 on some migrated Fedora 3 content
      - 2. There is a University of Wisconsin test data set which will be made available
  - c. WebAC
    - i. Done, pending feedback
    - ii. Difficult to get the base uri in while still using Shiro due to the type of filter class, but there is a similar
    - iii. Could use some caching, it would reload webacs multiple times per request
    - iv. Some followups:



1.
  - Class - Unable to locate Jira server for this macro.
2.
  - Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- v. Some tests
  1.
    - Unable to locate Jira server for this macro. It may be due to Application Link configuration.
  2.
    - Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- d. Testing
  - i. Andrew covered transactions
  - ii. Published results from running API test suite
    1. Requires a PR to update some dependencies due to java 11
- e. Tickets in review
  - i. 3302 - Autoversioning as default for fcrepo6, whereas before it defaulted to off
  - ii. 3304 - Trimmed out some parts of the PR description template
- f. Demo
  - i. Migration utils changes
3. Database support
  - a. Need to support mysql and postgres for production indexes. For testing, using h2.
    - i. This will require differences in SQL operations per database
    - ii. OCFL client - detects what datasource it is to determine what database it is. Fedora then decides how to configure itself
      1. Determine if we need separate classes per index implementation
    - iii. Will start by targeting mysql and postgres
  - b. Still need to move mapping of ocfl to fedora ids into database, it is still in memory. Danny will most likely work on this.
  - c. Should the default h2 implementation write to disk?
4. Configuration
  - a. Currently two ways to configure
    - i. fcrepo-config.xml - spring context file, with system property overrides. Sometimes modified, sometimes system properties used
    - ii. System properties - sometimes used in code
  - b. Previously there was repository.json, including db connection info, storage path, etc
  - c. Proposal
    - i. On startup, read property files, then use switches from these properties to determine what to load. Don't require spring context modification.
    - ii. Can provide the properties either via this file or via commandline properties
    - iii. Intent - improve usability of configuration

## Actions

- [Danny Bernstein](#) to ensure that a JIRA exists for scenario of transaction does not succeed completely, but rollback does succeed (see: [2020-05-14 - Fedora Tech Meeting](#))
- [Peter Winckles](#) to create a JIRA to investigate support for optimistic locking and mutable head (see: [2020-05-14 - Fedora Tech Meeting](#))
- **Who:** Clarify in documentation that multiple simultaneous writes to OCFL are not supported
- **Who:** After team has a chance to comment, send Ghost Node idea to general community for feedback
- **Who:** Decide who works on what in the next sprint
- [Thomas Bernhart](#) Update some of documentation pages for Fedora 6 (with findings from building the docker container)
- [Danny Bernstein](#) Create ticket related to caching webacs
- [Danny Bernstein](#) Create ticket to determine how we want to handle differences between index implementations