

# 2023-07-13 - 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:
  - Join Zoom Meeting: <https://lyrasis.zoom.us/j/81195576163?pwd=MklvektGQVhYdGpkZndNOE1DbG5UZz09>
  - Meeting ID: 811 9557 6163
  - Passcode: 408241

## Attendees

- Michael Ritter ★
- Ben Pennell
- Doron Shalvi
- James Alexander
- Thomas Bernhart
- Arran Griffith - Chair
- Demian Katz
- Jared Whiklo
- Dan Field

\*\*Each week a meeting chair will be assigned based on a [rotating schedule](#).\*\*

★ - denotes note taker

## Agenda

1. Announcements:
  - a. Fedora Showcase - Sept 12-14, 2023
    - i. CFP is available until July 31, 2023 - [Apply now](#)
2. Pop-up/Other Topics:
  - a. HTML UI Face Lift - [Ideas doc](#)
    - i. Related tickets:
      1.  [FCREPO-3900](#) - Create a new external user interface for Fedora 
      2.  [FCREPO-3897](#) - incorrect error when nesting AGs in the UI 
      3.  [FCREPO-3894](#) - UI Broken for non fedoraAdmin users 
  - b. Tombstone Tickets discussion - Mike
    - i. Related Tickets:
      1.  [FCREPO-3883](#) - Allow PUT over a tombstone 
      2.  [FCREPO-3882](#) - Allow access to the timemap and versions from a tombstone. 
      3.  [FCREPO-3881](#) - Disallow DELETE of tombstone of objects in an Archival Group 
  - c. Fedora 6 scaling considerations regarding the amount of filesystem objects (folders and files) created in OCFL [Thomas Bernhart](#) :
    - i. Our current data model makes extensive use of RiC-O and PREMIS 3 to model our data; goal is to have all relevant metadata archived in Fedora 6/OCFL.  
When we ingest a package with one file (mets.xml with metadata in EAD and PREMIS, one file, e.g. a TIFF, video or PDF) we get ~ 200 filesystem objects
    - ii. Did others have similar issues?
    - iii. Support for blank nodes and/or hashed URIs?
    - iv. Could we arrange a meeting next week with some experts?
3. Updates on:
  - a. Open Tickets (but assigned in some cases):
    - i.  [FCREPO-3899](#) - Document the difference between DELETE and PURGE 
    - ii.  [FCREPO-3896](#) - Ingests over 2GB become prone to errors on upload 
    - iii.  [FCREPO-3884](#) - OAI-PMH Repository Service Implementation 
    - iv.  [FCREPO-3864](#) - Items added quickly can mask some momento versions 
  - b. In Progress and older but still relevant open tickets:

- i. [FCREPO-3884](#) - OAI-PMH Repository Service Implementation OPEN
  - ii. [FCREPO-3875](#) - Document Archive Group Considerations for Fedora 6 CLOSED
- c. In Review:
- i. [FCREPO-3893](#) - On 409 Conflict of accessing a resource return the locking transaction ID. CLOSED
  - ii. [FCREPO-3891](#) - update aws-deployer to meet current terraform version requierments CLOSED
  - iii. [FCREPO-3850](#) - regularly update docker images to include latest security fixes from base image tomcat:9-jdk11-openjdk CLOSED
  - iv. [FCREPO-3849](#) - update docker images after changes in repository fcrepo-exts/fcrepo-docker CLOSED
  - v. [FCREPO-3834](#) - Enable Camel toolbox to send xml records to Solr indexing service CLOSED

- 4. New tickets:
- 5. Backlog Tickets to consider working: NA at present
- 6. Next Meeting Chair:
  - a. Chair: Demian Katz
  - b. Note Taker: Doron Shalvi

See [Rotating Schedule here](#)

## Notes

- 1. Announcements:
  - a. Fedora Showcase - Sept 12-14, 2023
    - i. Work can be at any point of completion, interested in seeing what people are doing with Fedora
    - ii. Virtual event hosted by Lyrasis Learning
- 2. Pop-up Topics
  - a. HTML UI Design Doc
    - i. Trying to get ideas about what type of functionality people want from the UI
    - ii. Possible OAI-PMH support
    - iii. Should we expand the software stack to include fuseki/solr for more featureful operations?
    - iv. Is this going to be based on the existing database tables or decouple further and provide/extend the current apis
    - v. Is this going to become a separate project or continue to live in the fcrepo project?
    - vi. Two main use cases around the UI
      - 1. Introductory/training based for new users
      - 2. More advanced, e.g. transaction dashboard, advanced search, stats, etc.
      - 3. These aren't mutually exclusive use cases and the UI could support both
      - 4. There's a lot of value in having an admin UI for non-technical users and is something to strive for
- 3. Tombstone Tickets
  - a. PUT over top
    - i. Response code? 201 makes sense.
    - ii. Allow for both Archive Groups and atomic objects for consistency
    - iii. Jared - What do we do with the created date?
    - iv. Ben - Keeping the original created date makes sense
- 4. Fedora 6 Scaling Considerations
  - a. OCFL bloat – ingesting one file results in many files on disk
  - b. Blank nodes or hash URIs?
    - i. Jared - Better support for hash URIs