

# 2017-09-28 - 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](http://irc.freenode.net)

## Attendees

- [Danny Bernstein](#)
- [Aaron Birkland](#)
- [Jared Whiklo](#) ★
- [Peter Eichman](#)
- [Joe Harrington](#)
- [Joshua Westgard](#)
- [Yinlin Chen](#)
- [Ben Pennell](#)
- [Bram Hauer](#)
- [Andrew Woods](#)
- [Bethany Seeger](#)

## Agenda

1. Update from "[Alignment to Spec](#)" sprint
  - a. Documentation updates go to: [Fedora 5.x Documentation](#)
2. [Oxford Common Filesystem Layout](#)
3. Wrapping up fcrepo-import-export-verify: <https://github.com/fcrepo4-labs/fcrepo-import-export-verify/pull/48>
4. Tickets 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.

5. ...

## Ticket Summaries

1. Please squash a bug!

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

2. Tickets resolved this week:

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

### 3. Tickets created this week:

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

## Minutes

## Actions

### 1. API Alignment Sprint

- a. The first sprint moved alot of CRUD and fixity alignment issues, did lots of planning on versioning and authz.
- b. The second sprint carrying on and trying to move the versioning into a final design that will work and handling loose ends around Authz.
- c. Meeting at 12:00 ET today to talk about the actual planning for versioning.
- d. Important information from Sprint 1 - Ensure the versioning design implementation as no overlap between versioning sprint team members from 1 to 2
- e. Meeting Tuesday Sept. 26 with some Sprinters and Memento folks to:
  - i. Checked the design document.
  - ii. Checked the delta document.
  - iii. Checked the JIRA tickets created around versioning.
  - iv. Asked questions of the Memento folks around where there were some confusion.
- f. [Bethany Seeger](#) - Memento folks thought the best plan for action was that the LDPRv LDPCv and all LDPRm(s) could have seperate ACLs.
  - i. LDPRm(s) would all share a single ACL, not per Memento.
- g. Another call with the Memento team on next Tuesday so having questions fleshed out before that call would be beneficial.
- h. WebAC codebase has been merged into the core codebase, now working on hooking it up and looking at ways to enable/disable AuthZ at deploy time.
- i. Consider moving the old WebAC repository out of the fcrepo4 organization, but annotating the README that it is still the major AuthZ for 4.7.
- j. SOLID Spec for aclAgentGroup being a list of vcard members, where agentClass is for public. Note at the end of this section (<https://github.com/solid/web-access-control-spec#public-access-all-agents>) was confusing.
  - i. Should we remove agentClass or are we just adding agentGroup for lists (which we previously used agentClass).
  - ii. [Andrew Woods](#) believes to limit use of agentClass to foaf:Agent for now. acl:agentClass should only be used with foaf:Agent to ascribe public access. [Esmé Cowles](#) and [Daniel Lamb](#) agrees.
- k. 5.x documentation space has been created to capture the changes.

### 2. Oxford Common Filesystem Layout

- a. There have been discussion around preservation sensibilities with respect to Fedora.
- b. With the API specification and defining user level interactions and allows an abstract layer to separate client from Fedora.
- c. The sentiment of the OCFL is the same in how information is persisted on the filesystem. What is persisted and what information and what format.
- d. In the Modeshape we would not force Modeshape to use this, but could bundle functionality to also synchronously or asynchronously persist to the filesystem using the OCFL initiative.
- e. Could be useful for interoperability scenarios (ie. import/export, BagIt creation, Camel serialization service) where the point is to have something persisted and using a filesystem abstraction layer.
  - i. A little uncomfortable if a repository would be expected to make accessible it persisted storage on the filesystem in this format.
  - ii. When talking about a backup you need a static system and most times the information persisted to the filesystem is not sufficient to perform a restore. You would need to include additional information.
- f. From a preservation perspective (and Modeshape) the binaries are relatively safe, we lose the filename (is replaced by the SHA-1). The metadata is in the database. The nature of the database in which the data is stored could be considered fragile. From a longer term preservation stand-point and recognizing the application (Fedora) as the steward of the content now, but it leaves open the possibility of making transition to future stewards.
  - i. perhaps the journaling used in Fedora 3 could be a consideration.
  - ii. Fedora becomes the files and everything else (the software) is fungable. The OCFL becomes the Fedora API.
  - iii. Fedora had beauty with the persistence on disk, but performance issues in reading the data off files at every turn.
  - iv. Users can see the data and that data can be moved around.
  - v. Camel serialization toolkit and import/export so you are not messing with live data.
  - vi. It would be possibly to store everything as files on disk, binaries as themselves and RDF sources as also files. Possible but not necessarily part of the specification. Each institution had a different use case.
- g. Is there enough interest and value seen to people in the community for the OCFL as a specification or best practice guidelines?
  - i. Broadly how do you persist links between resources once they are on the filesystem.
  - ii. Import/Export made their own layout, which is different from BagIt (for example). So this could be useful for standardization around this type of output.

