

# 2019-05-16 - 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://duraspace.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](https://fedora-project.slack.com) on the "tech" channel

## Attendee

1. [Danny Bernstein](#)
2. [Andrew Woods](#)
3. [Jared Whiklo](#)
4. [Peter Eichman](#) ★
5. [Aaron Birkland](#)
6. [Daniel Lamb](#)

## Agenda

1. Announcements
  - a. Barriers to Migration Survey
    - i. [Key take aways](#)
      1. Fedora 3 File System Layout is popular
      2. People like Fedora's linked data support
      3. API is popular with users
      4. Lack of staff time and good migration tooling present biggest barriers for migration
  - b. [2019-05 Fedora Camp Atlanta](#)
  - c. [Fedora 6 Sprint Doodle](#)
2. Fedora 5.1.0 Release
  - a. 5.1.0 Open (is triage complete for inclusion in 5.1.0?):

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

- b. 5.1.0 Closed

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

- c. 5.1.0 Open (need to re-evaluate for inclusion in 5.1.0):

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

- 3. Import Export
- 4. Fedora 6.0.0 Sprint planning
  - a. [High-level roadmap](#)
  - b. Tactics
    - i. [Development Roadmap](#)
    - ii. Pilot Program
    - iii. Contracting
- 5. <Your agenda item here>

## 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. barriers to migration survey
    - i. why are people still on F3
    - ii. people like the idea of linked data
    - iii. sharing data is valuable, people recognize that
    - iv. we do hear a lot about how people don't like linked data
      - 1. main pushback sources:

- a. people designing against the API (e.g. Samvera), may not be as easy as other models
      - b. people who want to have a non-exposed/buried Fedora
    - v. linked data is more useful/popular with users than developers
    - vi. general approach: emphasize linked data is optional
    - vii. there is value in showing how to replicate F3 models in F4+
      - 1. Jared has a presentation for OR about Fedora without linked data
    - viii. missing features in F4
      - 1. query support
      - 2. validation in the repository
      - 3. field ordering; difficult in RDF
    - ix. file system layout in F3 is very possible
  - b. Fedora Camp
    - i. there is still room
    - ii. encourage people to come if it would benefit them
  - c. Fedora 6 sprint Doodle
    - i. dates when Danny and/or Andrew are available
    - ii. ideally 3 sets of 2 week sprints
    - iii. please fill out the dates when you think you could be available
    - iv. once we have dates, come up with broad goals for each sprint
2. Fedora 5.1.0 release
- a. Jared is release manager
  - b. raised and resolved a couple issues regarding binary descriptions (FCREPO-2996, FCREPO-2997)
  - c. state token issue merged
  - d. 3 outstanding bugs
    - i. been open a while
    - ii. may be difficult to fix under Modeshape
  - e. Andrew will have PRs for FCREPO-2782 with DuraSpace checkstyle rules
    - i. contains suppressions for new DuraSpace rules Fedora doesn't conform to
    - ii. future conversation about whether to adopt these
    - iii. release buildtools with updates
    - iv. then update the maven stuff to use the new release of buildtools
  - f. 5.1.0 RC once checkstyle updates are in place
    - i. goal is RC this week, 3 weeks before OR
    - ii. 2 week window for community review
3. import/export
- a. Mohamed started testing at UMD
  - b. there might be a way to import a F4 export to F5 if we can ignore ACLs and versions
    - i. UMD is not using versions, and only has a tiny number of ACLs
  - c. no work happening on Danny's end next week (Fedora camp)
    - i. maybe target week after next
  - d. process:
    - i. export with F4 tool
    - ii. remove ACLs (by hand) from exported files
    - iii. import with F5 tool
  - e. not a formal release per se
    - i. wait for F5-to-F5 round tripping to release
  - f. resumability is a huge feature for UMD
    - i. borrow features from plastron, UMD's batch tool
    - ii. use an embedded SQL database to track progress?
4. Fedora 6 sprint planning
- a. David put together a public high-level roadmap
  - b. there is also a committer-generated development roadmap
  - c. F6 high-level roadmap
    - i. synchronous query, i.e., synchronously updating index for querying
      - 1. is this for Samvera?
      - 2. synchronous is not in the design document
      - 3. maybe it means that they want a bundled query service
      - 4. want a query service that talks to the same store as persistence; guaranteed consistency
      - 5. F3 had a simple synchronous query service
        - a. indexed a defined subset of content
        - b. F3 also had integration with triplestore, could be either synchronous or asynchronous
      - 6. need to pilot these query services with folks who have these use cases
        - a. determine to what extent synchronicity is required
        - b. could there be an optional way to enable synchronous indexing? header? config setting?

## Actions

- [Peter Eichman](#) is planning to work on documenting UMD's fixity check system on the [Fedora in Production: Case Studies](#) wiki page.
- [Jared Whiklo](#) to fix Java 11 javadoc errors in a new ticket, link to fcrepo-2958
- [Danny Bernstein](#) to rename 5.x-maintenance to 5.0.x-maintenance