2019-09-19 - 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. Andrew Woods
3. Peter Winckles
4. Jared Whiklo
5. Bethany Seeger
6. Youn Noh
7. Thomas Bernhart ⭐
8. Daniel Lamb
9. Aaron Birkland
10. Ben Pennel
11. Rosie Le Faive

Part 2:

- Cancelled for today due to sprint activities

Agenda

1. Highlights from last week
2. Tomorrow's meeting
3. Sprint Update:
   a. design discussions
      i. Transaction Aware Persistent Storage Layer (diagram)
      ii. Flow Diagram Adding Binary to Existing AG
      iii. Transaction Aware Persistence Layer with tx header
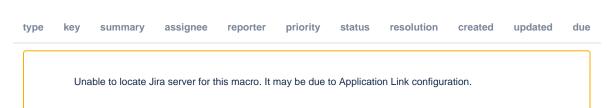   iv. Transaction Aware DB/FS Persistence Layer
      v. Other use cases
   b. core dev
      i.
      ii.

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

   c. Fedora 3
   d. documentation review
   e. Java 11 issues?
4. Your topic

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

The participants decided to cancel the second tech meeting from today, as there is an ongoing sprint.

1. Highlights from last week:
2. Tomorrow's meeting between Fedora and OCFL team regarding possibly large inentory files in OCFL
    a. regarding fedora implementation of OCFL persistency: no decission has been made so far regarding unversioned content/modifiable head
    b. Idea from Andrew Woods: instead of writing new OCFL version for every change, write all changes to head until explicit Fedora version is created
        i. would mean OCFL versions and Fedora versions are aligned again
        ii. no head version, treat latest version as head (no extra directories)
        iii. squashing would be possible
        iv. Peter Winckles : with this approach it could get tricky to implement updates as atomic operation (create v1, copy to v2, write update to v2); but approach could work
        v. Fedora Leaders and OCFL editors must be contacted to check if this approach is feasable
    c. Do we need to support deleting of mementos if we implement a squashable HEAD?
3. Sprint Update:
    a. design discussions
        i. Presentation of Flow Diagram Adding Binary to Existing AG by Ben Pennell
    b. core development gateway tickets
        i. FCREPO-3046: should be done later this day(?)
        ii. Review of https://github.com/fcrepo/fcrepo-specification-atomic-operations/pull/8
            1. no need to limit transactions to single resources
            2. keep a lot of existing approach for transactions if possible

Actions

- Aaron Birkland to look explore notion of OCFL client with database as authoritative metadata source + asynchronous writing of the inventory.json file
- Peter Eichman   and maybe Ben Pennell to make recommendations re transaction side car specification. - https://github.com/fcrepo/fcrepo-specification-atomic-operations/pull/8
- Andrew Woods will look into java 11 transition
- David Wilcox will review the NDSA matrix and pull out the concrete technical requirements that could be considered during the Fedora 6 development.

- Jared Whiklo will try to do some work on the PersistentStorage Interface. - https://github.com/fcrepo4/fcrepo4/pull/1542