2019-09-26 - 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 Pennell
11. Rosie Le Faive
12. Dan Field
13. Ben Cail
14. Mohamed Mohideen Abdul Rasheed
15. Joseph Rhoads
16. David Wilcox

Part 2:

- Cancelled for today due to sprint activities

Agenda

1. Announcements
   a. Leaders call update
2. Sprint Update:
   a. state of the sprint
   b. design discussions
      i. Fedora's relationship with fixity digests (internal and external binaries)
      ii. Search Service: Requirements and Design
      iii. other open questions and decisions review
   c. Fedora 3 6 Migration work
   d. documentation review
   e. Java 11 issues?
3. 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

1. Announcements
    a. Leaders call was good. Update on F6 development work, with a focus on developing a better communications plan around the work.
2. State of the Sprint
    a. Intensified design work which has resulted in discrete, actionable tickets
3. Design questions
    a. Should Fedora be able to store checksums for fixity checks? General thoughts are "Yes, this is preservation software after all"
        i. Further still, should checksums for external binaries be stored so as to avoid charges when using services such as S3 and Glacier?
    b. Simple Search
        i. Sync vs Async
            1. Consensus seems to be around a synchronous search, as that provides value. Asynchronous methods are generally untrusted. There is also some desire to replicate Fedora 3's functionality w/r/t simple search
            2. Transactions make things tricky (as always), and there's questions around when to update the search index and whether or not you can search within a transaction.
    c. Other open questions
        i. 1:1 mapping between Fedora info URIs and LDP paths
            1. Continue with current model and solicit feedback on it.
        ii. What to do with the converter framework?
            1. One of the more complicated parts of the code base
            2. Will not be neccessary to convet object types, but this ID/String to that ID/String would be neccessary.
4. Fedora 3 to 6 migration work has started using Peter Winckles 's OCFL library. You can check out the progress here: Fall 2019 Migration-Utils Planning

Actions

- Aaron Birkland to look explore notion of OCFL client with database as authoritative metadata source + asynchronous writing of the inventory.json file
- 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.