2019-02-21 - 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 on the "tech" channel

Attendees

1. Andrew Woods
2. Ben Pennell ⭐
3. Aaron Birkland
4. Jared Whiklo
5. Peter Eichman

Agenda

1. Announcements

   a. Released: OCFL Alpha 0.2
   b. 5.0.2 Release
2. Community contribution: https://github.com/fcrepo4/fcrepo4/pull/1519
3. Upcoming 2019-02 Fedora Design Meeting
   a. Use Cases
   b. Topics
   c. OCFL considerations
4. Status of fcrepo-camel-toolbox updates

   a.

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

5. Import / E

   a.

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

6. Revisit N
7. In-Review tickets:

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.

8. 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.

9. 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.

10. Tickets created this week:

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution

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Minutes

1. Announcements
    a. OCFL released, minor updates, beta not likely to change much
        i. Peter: Discrepancy between terminology section OCFL object and in section 3, it seems to imply in not-normative text that the id be a URI, then later it is a "should" be a URI. Should either not say that it is a URI, or make it a MUST in the normative section about inventories. Will raise in the OCFL channel
    b. 5.0.2 release went well.
2. Travis svg PR
    a. Going ahead and merging, difference isn't too obvious
3. Upcoming design meeting
    a. Old and new use cases distilled into short list of high level use cases
    b. What is Dynamic scalability? Avoid performance loss from scale. Are we intending to include clustering/sharding concepts
    c. John Hopkins will be adding a bunch of use cases soon.
        i. Includes object validation use cases, such as verifying resource requirements and that datastreams are present
    d. Andrew: How can we facilitate fedora caring about the shape of the objects?
    e. Peter: https://www.w3.org/TR/shacl/ could view this like an ACL situation, link headers to identify constraints doc for container and children, have a service which goes through and validates resources against this.
        i. Could be an on-request service, or on update (but would be challenging since it may take multiple requests to reach a valid state)
        ii. John Hopkins would be okay with on-request
    f. OCFL, think about how to structure OCFL if every resource mapped to an OCFL object.
4. Status of fcrepo-camel-toolbox updates
    a. Has there been any intent to move away from OSGI into standalone jar file? There had been previous discussion, hadn't come up recently.
        i. Ben has been using it in a webapp in a jetty container - will check to see if anything relevant from this approach
        ii. Would be helpful to have a version that is a standalone jar, and a wrapper on for it to put in OSGI
        iii. Jared going to continue looking at this.
5. Import/export
    a. Andrew has been using set from a sprint a while back
        i. Imported with fcrepo restore, put 16000 resources in. Then exported it, then ran verifier over this set.
        ii. Blew away repo, put repo in relaxed mode, did the import which worked, then ran the verifier which failed, some missing rdf: types
        iii. ArgParser class line:546 in master has an curly bracket issue in formatter
        iv. PR has a lot of commits, andrew doesn't appear to be able do a local squash.
            1. It is a difficult PR review, intent is to do some more testing then get it merged in
            2. Redirect to a 4.x maintenance branch, Andrew is going to create that branch.
            3. Pull out some improvements that are applicable to 5.x
        v. Ben might try fcrepo backup on hyrax repo, see if its possible to share
6. Revisit Next Generation Repositories
    a. Important that we, in the Fedora community, be involved in next generation repos conversation
    b. Identify which aspects are appropriate or not for Fedora
    c. People are encouraged to give it a read, provide feedback
7. Fcrepo-1889
    a. Peter will take a look at this, run tests, get an idea of where we stand on this issue.

Actions

- Peter Eichman is planning to work on documenting UMD's fixity check system on the Fedora in Production: Case Studies wiki page.
- Peter Eichman will take charge of the fcrepo-camel/fcrepo-camel-toolbox release process.

- ill complete review of [box: Unable to locate Jira server for this macro. It may be due to Application Link] configuration. when Jared Whiklo is
- es to Ben Pennell 's PR for [box: Unable to locate Jira server for this macro. It may be due to] Application Link configuration.
- -
- Jared Whiklo : to take the [box] tion.
- Peter Eichman : to review [box: Unable to locate Jira server for this macro. It may be due to Application Link configuration.]