2018-10-11 - 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. Danny Bernstein
2. Peter Eichman
3. Bethany Seeger
4. Jared Whiklo
5. Andrew Woods ✨
6. Kevin Ford
7. Ben Pennell
8. Aaron Birklad
9. Mohamed Mohideen Abdul Rasheed
10. David Wilcox

Agenda

1. Announcements
2. Sprint 2
   a. Open questions
      i. Default messaging configuration (topics? queues? disabled?)
      - FCREPO-2268 - Document how to set up a queue-based JMS broker [CLOSED]
      ii. Move fork of jetty-plugin to fcrepo4 GitHub organization?
         1. Or not: https://github.com/eirbjo/jetty-console/pull/8#issuecomment-428974618
      iii. Handling authentication and authorized agents in CTS
         1. Requirements
            a. Required users:
               i. read-write-control on root container
            b. second user with access controlled by acls created by the previous user
            c. CTS must not depend on any particular mechanism for authenticating
         2. Approaches:
            a. jar to be included in classpath?
            b. *
   b. Remaining work
      i. Tickets
      ii. CTS
      iii. Documentation
      iv. Testing
   c. Release Candidate
3. <your agenda item here>
4. Please squash a bug!

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<th>Key</th>
<th>Summary</th>
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<td>FCREPO</td>
<td>Multi-request transactions can be put in a bad state</td>
<td>☀</td>
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15 issues

5. Tickets resolved this week:
Minutes

Announcements

1. Peter is out tomorrow
2. Bethany will be at DLF
   - Presenting on Tuesday

Sprint status

Default messaging

- Suggestion: Add documentation for changing messaging for production
  - Either disable or change to queues
  - Add broadcaster to documentation: https://gitlab.amherst.edu/acdc/repository-extension-services/tree/master/acrepo-connector-broadcast
  - Add in-line documentation to spring.xml config file
  - https://wiki.duraspace.org/display/FEDORA5x/How+to+Disable+Messaging

Fork of jetty-plugin

1. Upstream project is willing to merge/release
   - However, Fedora needs a slightly different version of Jetty
2. Before 5.0.0-RC, need to decide on which jetty-plugin to use

AuthN / AuthZ in CTS

1. Need a pluggable mechanism for different AuthN approaches
2. Need to update CTS to use user URIs instead of literals
   - URIs in Basic-Auth is not allowed
3. Can we offer a configurable approach:
   - Expect jar in classpath
   - Expect given implementation classname
4. Danny to move this forward

Remaining work

Tickets

1. Mohamed working on camel-toolbox to not index Mementos
2. Keep fcrepo-java-client
3. fcrepo-camel could be refined
   - Camel component may be able to be removed
4. Punt on fcrepo-1987 and fcrepo-2092
5. CTS testing
   - Determine which tests are failing improperly