2015-08-27 - Fedora Tech Meeting

Time/Place

This meeting is a hybrid teleconference and IRC chat. Anyone is welcome to join...here's the info:
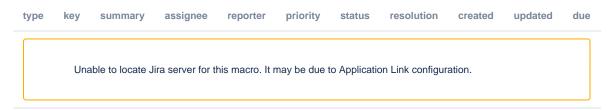
- Time: 11:00am Eastern Daylight Time US (UTC-4)
- U.S.A/Canada toll free: 866-740-1260, participant code: 2257295
- International toll free: http://www.readytalk.com/intl
    - Use the above link and input 2257295 and the country you are calling from to get your country's toll-free dial-in number
    - Once on the call, enter participant code 2257295
- IRC:
    - Join the #fcrepo chat room via Freenode Web IRC (enter a unique nick)
    - Or point your IRC client to #fcrepo on irc.freenode.net

Attendees

- A. Soroka
- Unknown User (acoburn)
- Unknown User (escowles@ucsd.edu)
- Bethany Seeger
- Nick Ruest
- Andrew Woods
- Jared Whiklo
- David Wilcox ⭐
- Osman Din
- Yinlin Chen
- Michael Durbin
- James R. Griffin III
- Aaron Birkland
- Stefano Cossu
- Kevin S. Clarke

Agenda

1. Retiring m2.duraspace.org
2. Server-managed Premis predicates:
    a. Use case: https://s3.amazonaws.com/uploads.hipchat.com/267943/1716525/5cfgR9Zs70FjXrY/sparql2
    b. Blocked by: https://github.com/fcrepo4/fcrepo4/blob/master/fcrepo-kernel-api/src/main/java/org/fcrepo/kernel/api/RdfLexicon.java#L137
3. ModeShape and many-child-nodes... almost perfect: https://github.com/ModeShape/modeshape/pull/1459
4. Bug Prioritization

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.

5. F4 GitHub Organizations - "Becoming an fcrepo4-exts project"
6. WebAC update
    a. Hydra and Islandora involvement?
7. Notice: API Extension Architecture call tomorrow (design)
8. ...
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:

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

Minutes

Retiring m2.duraspace.org

- Hosts a number of Maven artifacts that Fedora 3 needs
- We would like to retire it
- One approach: retire very soon and offer a script and JAR files to build the latest version of Fedora 3
- Another option: Continue maintaining the server (not very appealing)
  - Someone else could stand up the server on their own infrastructure and redirect the DNS
- We could send a post to the mailing list asking if anyone wants to maintain the server
- There are probably very few people interested in building Fedora 3 vs. just using the installer
  - For these people, will Andrew's build script work as an option?

Server-managed PREMIS predicates

- There are some server-managed predicates in Fedora 4 now
- In some cases users want to manage their own PREMIS properties but they are currently immutable
- Should we stop using non-Fedora predicates for server-managed properties?
- We have to reserve some LDP properties, though many can be updated via SPARQL-Update
- In the case of PREMIS/fixity, should we (1) use a Fedora namespace, or (2) continue to use PREMIS but allow the properties to be mutable?
- Recommendation: Investigate allowing fixity-related properties to be user-modified
  - Longer-term: Investigate using a server-managed Fedora namespace instead of PREMIS

ModeShape performance issue with many child nodes

- This issue has been addressed by the ModeShape community by creating a new node type
  - The only issue is that this new node type won't work with versioning
    - Might be possible to have the root node be of this type and all other nodes be of the normal (versionable) type
    - This mix of versionable and non-versionable containers might be cumbersome
  - Need to add some concerns as comments on the PR
  - We need to run new scalability tests with these updates