2016-11-17 - 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)
- Dial-in Number: (712) 775-7035
    - Participant Code: 479307#
    - International numbers: Conference Call Information
    - Web Access: https://www.freeconferencecallhd.com/wp-content/themes/responsive/flashphone/flash-phone.php
- 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
- Jared Whiklo
- Danny Bernstein
- Esmé Cowles
- Marcus Barnes ⭐
- Bethany Seeger
- Unknown User (acoburn)
- Joe Harrington
- Andrew Woods
- Longshou Situ
- Yinlin Chen
- Daniel Lamb
- Kevin Ford
- Aaron Birkland
- Andy Wagner
- Nick Ruest
- Katherine Lynch
- Jim Coble
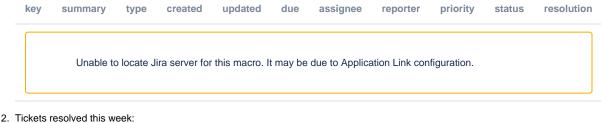- Jonathan Green
- Doron Shalvi
- Elliot Metsger

Agenda

1. 4.7.0 and 4.6.1 release update - Shipping today
    a. Release Testing - 4.6.1
    b. Release Testing - 4.7.0
    c. Publish Fedora ontology
2. Fixity of RDF Sources - what are the practical options?
3. Finish drafting the Fedora API spec
4. Maven GroupId for API-related code
5. Open Repositories 2017 submissions?
6. TCK planning
    a. Hacking event?
7. FCREPO-2313 entity bodies in some 304 responses. How critical is this?
8. ...
9. Status of "in-flight" tickets

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.

Ticket Summaries

1. 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.

2. 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.

3. 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.

Minutes

1. Discussion of the upcoming releases. Update to the Fedora ontology. See fedora.info (removal of elements)
2. There is a desire to have fixity around RDF sources comparable to checksum fixity on binaries. What are the options? Some contexts such as import and export were spoken about.   Some approaches:
    a. normalized serializations. Pitfall - serializations may be different when using a triplestore even when there has been no significant change to the data.
    b. graph comparison algorithm approach
    - https://en.wikipedia.org/wiki/Graph_isomorphism_problem
    - http://blog.datagraph.org/2010/03/rdf-isomorphism
    - http://www.hpl.hp.com/techreports/2001/HPL-2001-293.pdf

    Need to better understand what we mean by 'same' with RDF; the desire is to have assurance that the underlying information is not changing unexpectedly. Some use cases:
    - import/export RDF resource
    - auditing accidental changes over time
    - conditional only update if strong etag
3. Discussion of a couple of outstanding conversations related to the draft spec. These can be revisited after draft has gone public as a platform for further public discussion. Need to lockdown GoogleDocs after call.
4. How do we intend to generate GroupId after refactoring. Conversation to be carried on at a later time (future agenda item).
5. Reminder about extended deadline for Open Repositories 2017 proposal deadline. Query about current proposals and ideas for potential proposals (import/export, year-in-review).
6. Item not covered in call. Add to agenda for next call?
7. Discussion of FCREPO-2313. Some more investigation is needed, but if there is a fix, the aim will be to get this into the 4.7.1 point release. Depending on the outcome of the investigations and potential fixes, determine if delaying the release of 4.7.1 is required.