2017-07-20 - 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

- Danny Bernstein
- Jared Whiklo
- Daniel Lamb
- David Wilcox
- Esmé Cowles ⭐
- Aaron Birkland
- Andrew Woods
- Carrick Rogers
- Kevin S. Clarke
- Ben Pennell
- Yinlin Chen

Agenda

1. Fedora performance - AWS Cloud Credits for Research proposal is awarded
2. 4.7.4 release testing (4.7.4 JIRA tickets)
   a. RC-2 is out
   b. Release planned for Aug 1
   c. CLAW testing?
   d. Backwards-compatibility testing? - Carrick Rogers?
3. Fedora alignment to API sprints
   a. Delta document
4. Working towards the next Import/Export release
   a. ~~~~~~~~~~ael Durbin? any word on   Unable to locate Jira server for this macro. It may be due to Application Link configuration.
5. Recent fe~~~~~~~~~~e from Peter Eichman
6. The divid~~~~~
   a.   Unable to locate Jira server for this macro. It may be due to Application Link configuration.
7. ...
8. Status of "in-flight" tickets

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

3. Tickets created this week:

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution

Minutes

1. Yinlin: Just got word we have funding from Amazon for using AWS for performance testing
   a. Will have funding transferred to his account, and will announce to the tech list
   b. Funding is good for 1 year
   c. See https://docs.google.com/document/d/1jYd5jQpU_cZ4fXQOkWny2M42QYHFqoL2EqRjVcvEv1k/edit?usp=sharing
2. Release testing of 4.7.4
   a. RC 2 removes one commit from the previous RC (related to consolidating configuration that would not be backwards compatibility if people were using custom config)
   b. Release pushed out to Aug 7th
   c. Jennifer Smith is working on test Sufia and CC, but running to dependency problems
      i. Esme: I can test Sufia and CC if she can't resolve those
   d. Carrick: I've tested Valkyrie, Hyrax and Avalon locally
      i. Exploring performance testing, to be able to compare performance testing across releases
      ii. Will be able to test migrating small repository from 4.7.2 and 4.7.1
      iii. We have a Docker-ize version of Avalon with Fedora 4.7.4-RC-2, willing to share with anyone who's interested in spinning it up
      iv. See also: https://github.com/seanlw/avalon-vagrant
   e. Danny L.: Have done basic CLAW testing, will update the release testing page
   f. Database testing: Danny B. will test MySQL, and Jared will test PostgreSQL
   g. Windows testing: Aaron Birkland has done this in the past, Andrew will reach out to him
3. Import/Export release
   a. There is a new 0.2 release of the import/export utility with lossless roundtripping (including system timestamps), version export (no import yet), changing the repository baseURL, exporting based on inbound relationships.
   b. Will send out the announcement today
   c. Importing versions wasn't ready, so it will go in a 0.3 release when it's ready
      i. Significant change in the way that import works, since it changes to a timestamp-based order
   d. Princeton is using the Import/Export utility (waiting on more storage for full deployment)
      i. Others are clearly interested, including Univ. Cincinnati, Northwestern, etc.
   e. Verification tool has a few outstanding issues, but very close to ready to release
4. API alignment sprints
   a. Several people signed up to work on upcoming sprints
   b. Fedora 4.7.4 - Specification Delta Document: a place to collect notes about difference between the API spec and the Modeshape implementation
   c. That document will be very helpful for the API alignment sprints — please help fill it out
5. Message to fedora-tech from Peter Eichman:
   a. Peter: Doing bulk processing and it would work for a while but eventually hang, seeing memory usage creep up and hit max
      i. Turning off messaging didn't fix the problem (when Solr indexing turned back on, it didn't show the same pattern)
      ii. Turning off transactions didn't fix the problem either
   b. Esme: We've seen the same issue at Princeton, and haven't found any solution (increasing memory allocation and restarting Fedora help somewhat)
   c. Andrew: Others have worked on this too — helping pinpoint where this is happening would be very helpful
   d. Peter: We'll try profiling and report back
6. Reverting CND changes
   a. Esme: I can review those