2016-05-26 Fedora API Extensions Meeting

Date: Thursday, May 26, 1pm EDT (-4 UTC)

- Dial-in Number: (712) 775-7035
  - Participant Code: 479307#
  - International numbers: Conference Call Information
  - You may also call in using the VoIP dialer from a web browser, or Android/iOS apps
- 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

- Stefano Cossu
- Nick Ruest
- Jared Whiklo
- Daniel Davis
- Elliot Metsger
- Unknown User (acoburn)
- Ruth Duerr
- Diego Pino Navarro
- Joshua Westgard
- Bethany Seeger

Agenda

1. Progress updates
2. Agree on License and CLA - OK to merge?
3. Devise a plan to choose concrete extension(s) to develop, see github issue
4. Prioritize and assign issues for next two weeks

Minutes

1. Updates
   - Fixed Fedora memory leak #23
     - Re-ran latency tests with jvisualvm to confirm increasing heap.
     - Took a look at heap, found pattern that suggested it might be Jersey's fault
     - Latency, throughput of simple GET requests to small containers improved substantially
     - Nick Ruest setting up Test #3 from the Performance and Scalability Test Plans interest group
   - Updated acrepo-apix to Camel 2.17.1 (see pull request)
     - Had to change Fedora context paths in to make sure the apix-core router matches Fedora context path, to avoid need for re-writing
   - Aaron Birkland has been doing a bit of literature review re: SSWAP and semantic web services in general
     - Ruth Duerr: We should invest time in making an approach work with API-X
     - Architecture should allow alternative approaches
   - Joshua Westgard put a proposed reorganization on the Design - API Extension Architecture page. Comments welcome
     - Aaron Birkland will help with this
2. License/CLA merge agreed
3. Extension development
   - Stefano Cossu: Does anybody have concrete plans to develop extensions in the near future, particularly simple ones?
     - Unknown User (acoburn) Amherst focusing on binary derivation in the near term
     - Joshua Westgard Binary derivation near-term focus for UMD, but cannot predict exactly when
     - Aaron Birkland Package ingest at JHU, but that may not necessarily be simple
   - Stefano Cossu: It would be best not to divert resources away from core, so simple extensions that institutions are working on anyway is probably the way to go
     - These would likely live in other repos
     - Adopt these as archetypes for extensions
     - Incorporate into API-X demos
   - Still makes sense to 'like' existing use cases and discuss at next meeting
4. Issue assigning
   - Nick Ruest: Add all interested parties to API-X team in github, so issues can be self-assigned.
     - Give write access to anybody interested, we're all adults
   - Aaron Birkland volunteer for design issues #3, #4 and #5
   - Joshua Westgard on #25 wiki gardening
   - Diego Pino Navarro really interested in #18 CLAW engagement
   - We should have issue for engaging Hydra. Stefano Cossu volunteers