2016-08-18 Fedora API Extension Meeting

Date: Thursday, August 18, 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

- Aaron Birkland
- Nick Ruest
- Jared Whiklo
- Daniel Davis
- Elliot Metsger
- Unknown User (acoburn)
- Ruth Duerr
- Joshua Westgard (out for conference – regrets)
- Bethany Seeger
- Katherine Lynch
- Andrew Woods
- Stefano Cossu
- Diego Pino Navarro
- Hanh Vu
- David Wilcox
- Yinlin Chen

Proposed Agenda

1. Ratify non-developer overview doc. Incorporate its content into the API-X Design page? (Alternate suggestions that were discussed included incorporation of its content into an API-X GitHub README, or the GitHub wiki)
2. Discuss & ratify Service Discovery and Binding have and Execution. Outstanding issues?
3. Close design-related issues in GitHub (#2, #3, #4, #5, #6, #7, #30)?
4. Review PR for #30 implementation of #30 and #12 - Aaron Birkland
   a. PR is up: https://github.com/fcrepo4-labs/fcrepo-api-x/pull/31
   b. Notes on integration testing with Pax Exam + Karaf
   c. Use a real namespace for ontologies: elevate to http://fedora.info/definitions
   d. Do we need/want to keep 'Ontology' marker interface in order to plug in different reasoners? See also OntologyService
5. Immediate next steps - #14 (service document) then #10, #11 (routting)

Minutes

Ratify non-developer overview doc.

- Ruth: Initial round of comments and feedback on the document. No more new comments coming. Is probably ready to move the document into its final place
- It could go in github (or github wiki), but given the technical orientation of github docs, confluence makes sense
- TODO: Move it to wiki

Service Discovery and Binding & Execution documents:

- Execution doc:
  - More details on how execution engine will behave should/will be addressed in the implementation of the engine itself, in operational level documentation that would be released along with the implementation
  - Elliot addressed concern over inconsistent uses of verbiage in the doc, suggest that they are made consistent to aid reader's understanding
- Service Discovery and Binding:
  - Elliot will work on wordsmithing a section of this doc to make it less confusing
  - Ontology:
    - TODO: Aaron will assemble the comments relating to ontology and put them in a separate Github issue so that they can be tracked independently
    - Aaron Coburn suggested we pick an official namespace for use in the ontology. This decision involves the level of buy-in for the ontologies and where they live. This is a separate conversation to be had outside of this call.
    - TODO: Create github issue related to stewardship of ontology (namespace, guaranteeing resolvability, etc)
  - Indexing and messaging:
    - Aaron B. updated a text in this section in response to Aaron C’s comment.
    - TODO: create a GitHub issue for statistic reporting (e.g. request latency, execution time, etc)

Closing design related documents:
• Elliot: Should close the loop on the comments thread in the document. Capture the comments in the github issues and their resolution
• TODO: Aaron B. will commit the design doc into GitHub put in a comment summarizing the comments threads and their resolution

Reviewing PR

• Initial PR does not include any performance optimization consideration
• If Karaf is used for deployment then PaxExam needs to be used for testing
• Is Karaf a deployment target for API-X? YES
  • Going from OSGi into a more traditional monolithic environment is easier than going the opposite direction
  • For the time being, we'll continue with this approach until it presents a problem

Aaron B will continue development on a different branch while waiting for PR review

• Merge PR by Wednesday, or when two +1s in comments, whichever is first.