

2017-06-07 - API Spec Meeting

Time/Place

- Time: 2:30pm Eastern Time US
- 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>

Attendees

[blocked URL](#) (facilitator)

[blocked URL](#) (notetaker)

- [Andrew Woods](#)
- [Esmé Cowles](#) ★
- [Daniel Lamb](#)
- [Simeon Warner](#) +
- [Benjamin Armintor](#)

Agenda

1. What are the issues that need resolution prior to June 20th?
2. External content
 - a. Issues: <https://github.com/fcrepo/fcrepo-specification/issues?q=is%3Aissue+is%3Aopen+label%3Aexternal-content>
 - b. Needs more editorial review, also pending response to existing comments: <https://github.com/fcrepo/fcrepo-specification/pull/121>
3. What to do with: PUT/POST with Content-Location:
 - a. <https://github.com/fcrepo4/fcrepo4/blob/master/fcrepo-http-commons/src/main/java/org/fcrepo/http/commons/domain/ContentLocation.java>
 - b. <https://github.com/fcrepo4/fcrepo4/blob/master/fcrepo-http-commons/src/main/java/org/fcrepo/http/commons/domain/ContentLocationMessageBodyReader.java>
 - c. <https://github.com/fcrepo4/fcrepo4/blob/master/fcrepo-http-api/src/main/java/org/fcrepo/http/api/FedoraLdp.java#L327>
 - d. Response to list inquiry of usage of Content-Location ingest feature and possible migration to external/body?cache?
4. Fixity section: <https://github.com/fcrepo/fcrepo-specification/issues/100>
5. Clarify HEAD behavior <https://github.com/fcrepo/fcrepo-specification/issues/103>
6. Clarify InboundReferences <https://github.com/fcrepo/fcrepo-specification/issues/119>
7. Branding as Core Specification <https://github.com/fcrepo/fcrepo-specification/issues/122>
8. Publication of Fedora ontology: <https://github.com/fcrepo/fcrepo-specification/issues/108>

Minutes

1. We'd like to have the initial draft ready in about 2 weeks, what needs to be resolved before then?
 - a. Andrew: There are some issues that are more conversational
 - b. Esme: External content seems like a big one, there are several other issues that have been identified as workable
 - c. Simeon: I'm having some doubts about the scope and how
 - d. Ben: With the issues listed as action items, I think I could start implementing the outstanding functionality in Cavendish
 - i. It seems like having things ready for initial implementation to further practical evaluation
 - e. Simeon: There's a big gap between the spec and the Modeshape impl — what does that mean for e.g., Hydra and Islandora, etc.?
 - f. Danny: Not fully implemented yet, but share the concern — the main thing is versioning, where we want to reconcile Drupal and Fedora versions
 - i. Core CRUD is the main thing, and it's there
 - g. Esme: Hydra uses a subset of the Modeshape impl functionality, and that subset is in the spec
 - h. Andrew: The spec covers most of what is in the Modeshape impl, at least in functionality, even if the behavior is somewhat different
 - i. Resolving the action items would put us in a good place for community feedback
2. External content
 - a. Esme: the PR looks good — just some technical questions and not substantive ones
 - b. Expires issue: the mailing list thread seems resolved
 - i. Ben: a side issue to the Content-Location issue
 - ii. Esme: not a thing we're specifying, but a good thing to note
 - c. Andrew will make a PR to resolve the technical issues
3. PUT/POST with Content-Location
 - a. Andrew sent a message to the mailing list, and there have only been a couple of responses and there were no objections to potentially using a different mechanism
 - b. Simeon: so we can close the issue
4. Fixity
 - a. Ben: The issue is that the fixity recommendations are all in information sections
 - b. Andrew: So we'd need to update 5.1 to remove the reference to the removed fixity method
 - i. And 5.2 would be normative and refer to the 3.x sections that include Want-Digest
 - c. Ben: I'm not sure we need to make 5.2 normative just because it refers to normative sections — there's no new testable behavior here
 - d. Andrew: There is some new text and it should be in a normative section

- e. Ben: Since the spec is targeted at implementers, and we should make it as easy to read without jumping around
 - f. Simeon: Should we move the section out of the list of requirements?
 - g. Esme: I think that addresses Aaron's concern — it is moved out of the list of requirements because it's not normative, but remains as an informative section, since it's an important concept for Fedora
 - h. Andrew and Danny: OK with that
5. DELETE/Depth
- a. Andrew: This seems like a good starting point to me, but not sure what e.g. Depth: 5 means
 - b. Esme: I agree: Depth: 0 and Depth: infinity are the ones that make sense for the Modeshape impl, and I'm happy to let other impl. find reasonable values for their impl.
 - c. Danny: I would like to include something about emitting messages for async failures
 - d. Simeon: This may be a rabbit-hole, should move to a separate ticket
 - e. Danny: I want to include some language around failures
 - f. Esme: I agree — we should definitely expect impl with immediately-consistent backends to report errors, async backends can fall back on messaging
6. Clarifying HEAD headers
- a. We can be more explicit here, but should not need to require all Content headers
 - b. Simeon will address this next week
7. Branding
- a. Andrew: Important to get the branding question right
 - b. Esme: Spec is narrower than the Modeshape impl, but don't want to imply that an impl. of the spec isn't useful
 - c. Simeon: Want to make sure that a thing that is "a Fedora" is a useful thing
 - d. Danny: We haven't done a very good job of specifying if the impls. aren't useful
 - e. Andrew: We should look carefully at the spec and identify any places where we can tighten the spec to make sure an implementation
 - f. Danny: "Core" to me still means something useful
 - g. Andrew: The spec should be the minimal amount to call your impl. "a Fedora", and we should improve the spec if we don't think that's true

Previous Action Items

- Ben: Write up external content and redirect use cases
- Daniel Lamb / Benjamin Armintor: to review <https://github.com/fcrepo/fcrepo-specification/pull/121>
- Andrew Woods: to post to list inquiry of usage of Content - Location ingest feature
 - <https://groups.google.com/d/msg/fedora-tech/yzUW8zd2xKc/5nRV5bpkCQAJ>
- Daniel Lamb: to write intro for <https://github.com/fcrepo/fcrepo-specification/issues/95> (also bring in elements of <https://github.com/fcrepo/fcrepo-specification/issues/93>)
- Andrew Woods: to respond to <https://github.com/fcrepo/fcrepo-specification/issues/108> with suggested resolution
 - <https://github.com/fcrepo/fcrepo-specification/issues/108#issuecomment-306302330>
- Daniel Lamb: to create PR for <https://github.com/fcrepo/fcrepo-specification/issues/111>
- ALL: to review following three issues prepared to come to next meeting with a plan for each
 - Fixity section: <https://github.com/fcrepo/fcrepo-specification/issues/100>
 - Clarify HEAD behavior <https://github.com/fcrepo/fcrepo-specification/issues/103>
 - Clarify InboundReferences <https://github.com/fcrepo/fcrepo-specification/issues/119>
- Simeon Warner: to create a github issue re: branding and spec naming <https://github.com/fcrepo/fcrepo-specification/issues/122>

New Action Items

- Andrew: Move Fixity section to the end and remove reference from Section 1
- Esmé: Update Fixity section to include persistence fixity language
- Danny: will move 111 forward, and create a separate ticket for async failures