

2015-01-29 - 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 Standard Time US \(UTC-5\)](#)
- U.S.A/Canada toll free: 866-740-1260, participant code: 2257295
- International toll free: <http://www.readytalk.com/intl>
 - Use the above link and input 2257295 and the country you are calling from to get your country's toll-free dial-in number
 - Once on the call, enter participant code 2257295
- IRC:
 - [Join the #duraspace-ff chat room via Freenode Web IRC](#) (enter a unique nick)
 - Or point your IRC client to #duraspace-ff on irc.freenode.net

Attendees

- [Andrew Woods](#)
- [Nick Ruest](#)
- [Unknown User \(acoburn\)](#)
- [David Wilcox](#)
- [Kevin S. Clarke](#)
- [Michael Durbin](#)
- [Osman Din](#)
- [Stefano Cossu](#) ★
- [Unknown User \(escowles@ucsd.edu\)](#)
- [Doron Shalvi](#)
- [A. Soroka](#)
- [Unknown User \(daniel-dgi\)](#)
- [Yinlin Chen](#)

Agenda

1. Islandora/F4 status
 - a. Fedora 4 IG meeting [January 30, 2015 at 1pm EST](#)
 - b. Proof of concept full Drupal integration - [Islandora 7.x-2.0](#)
 - c. [Chef recipe](#) will be updated to reflect the proof of concept
 - d. Danny and Nick with both be at Code4Lib
2. Audit [feature sprint](#)
3. Indexing federated resources
4. Fedora 3 to 4 [data](#) upgrade [strategies](#)
5. Fedora 4.1.0 release next week?
6. Brief comment about [Triplestore index named graphs](#)
7. ...
8. [Recent mailing list threads](#)

Minutes

1. Islandora/F4 updates will be added to agenda regularly
 - a. Started Jan. 19th
 - b. Danny has an implementation plan
 - c. Tomorrow first F4 interest group to figure out sprint schedule
 - d. Kevin is attending interest group meetings
2. Audit feature has been added in Jan-June sprint schedule
 - a. Will identify one or more feature sprints focused on implementing audit in 4.1 – likely two sprints
 - b. Some design discussion with stakeholders is still needed
 - c. March 23 is a good candidate for first sprint, second one following immediately
 - d. Esme + Islandora community are interested in contributing; Stefano can provide testing/discussion
3. Indexing and federation
 - a. Two main limitations:
 - i. Cannot easily mark federated resources as indexable
 - ii. Cannot detect changes in ext filesystem
 - b. Stefano: for first issue, two solutions are proposed:
 - i. Adding mixin definitions in CND that target federated resources specifically
 1. Andrew: Need to figure out implementation details
 - ii. Modeshape config option that allows to add arbitrary mixins to each projection
 1. This is the most flexible option but might require more effort
 - c. For second issue, Camel (not fcrepo-camel) can be used to scan external FS and detect changes
 - d. Aaron: Camel has a mechanism for polling external FS
 - e. Andrew: this could be a viable option
 - f. Stefano: still to verify how usable it is with large and deeply nested FSs

- g. Andrew: According to documentation, Modeshape connector *should* be able to detect changes
- h. Stefano: well worth testing
- i. Aaron: this is only valid for local fs. The MS connector uses inotify and may tax the Fedora server
- j. Andrew: What is the priority?
 - i. Stefano: high - might spend some time to figure out solutions outside of sprint schedule
 - ii. Mike: medium - Feb.
 - iii. Aaron: We have a similar use case at Amherst – actively researching
- k. Andrew: Seems like we have a critical mass.
 - l. Will send out an e-mail trying to fit this topic into the schedule
- 4. Mike has been working on F3->F4 migration
 - a. Federation was initially considered a good solution but
 - i. configurability and mapping need to be more flexible
 - ii. effort to set up that federation is too large
 - b. FOXML is a good interchange format for migration - mapping can be done using that format
 - c. Mike will update "upgration" pages
 - d. Doron: This is a good approach. Which FOXML version would you use? Store version seems more reasonable
 - e. Mike: Started with archive context export but store FOXML can be used
 - f. Mike: Need feedback from community about processing FOXML best practices
 - g. Andrew: There are a few pilot projects available
 - h. Andrew: we need coordination within community to avoid duplicating efforts
 - i. Mike: will send e-mail updates on progress to help keeping people in sync
 - j. Mike: Can spend some time each week for the next couple of months and try to have a strawman by next meeting
 - k. A. Wead has developed some tools, not sure if there is some documentation about migration issues. His tools require Hydra content model
- 5. Next release
 - a. Will be next week
 - b. Coordinate timing with devs
 - c. It will 4.1.0, not 4.0.1 as planned previously
 - d. Some major user-facing changes prompted the version number change
 - e. Nick: need to make clear to the community that 4.1.0 is not related to the F3 migration as it has been advertised so far
- 6. Named graphs in triplestore index
 - a. Stefano: We have worked on this with Aaron in order to store non-Fedora triples (e.g. schema information) in triplestore and be able to easily clear index without affecting external data
 - b. Andrew: Will benefit from more discussion
 - c. Stefano: Will post a Wiki use case page for information's sake when enough testing is done