

2014-10-23 - Fedora Committer 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 \(UTC-4\)](#)
- 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
- [David Wilcox](#) ★
- Nick Ruest
- [Unknown User \(acoburn\)](#)
- Stefano Cossu
- Nikhil Trivedi
- Michael Durbin
- Osman Din
- Yinlin Chen
- Greg Jansen
- Chris Beer
- Benjamin Armintor
- (others who plan to attend, feel free to add your names in advance)

Agenda

1. Current F4 implementation status, and steps towards production release
2. Application Messaging and existing header format
3. Revisit ordered-list ontology [discussion](#)
 - a. Design page: [Design - Ordered Lists](#)

Minutes

Current F4 implementation status, and steps towards production release

- Need to wrap-up before Thanksgiving
- Lots of dead code in the codebase that needs to be removed
- Lots of work went into supporting LDP
- Possibility of versioning the API separately from the application
- Core API and extension APIs
- Performance testing framework (Grinder)
- Clean up docs
- Authorization: attaching ACLs needs to be flexible rather than creating them as children of protected nodes
- Need line-by-line code review and feature/capability review
- Shooting for 75% test coverage (unit, integration, cumulative)
 - Chris: Many of our unit tests only prove that the code gets called; not that it does what it is supposed to do
 - Andrew: Some value in looking at our unit test process to see if we can improve (e.g. dependency injection)
 - Andrew: Integration tests show that everything works; unit tests are more useful when actually structuring and writing code
- What else do we need?
 - Chris: we're promising RDF support and need to make sure it works in the real world with real data
 - There is an integration test module to start this effort
 - Further tasks will emerge with real world data
 - We should add integration tests to support real-world needs
 - Esme: Message consumer needs to be reviewed
 - Most refactoring has occurred in the main codebase rather than the plug-in projects
 - Esme: We have tests that target objects but not datastreams in some cases
 - Stefano: How are the external modules aligned with the core release?
 - Andrew: External modules should be part of the release, but they are not blockers if it turns out there are any issues
 - Stefano: SPARQL queries fail on persisted properties
 - <https://www.pivotaltracker.com/story/show/81225132>
 - This bug will need to be resolved

Fedora 3.8.0

- There are some issues but it needs to be released
 - Are these issues blockers?

Application Messaging and existing header format

- STOMP assumes header names and values are separated by colons
- Maybe use org.fcrepo.jms?
- Should be dereferencible - maybe using a mapping?
- Aaron has a pull request; will also patch message consumer

Ordered lists ontology

- Could be accomplished using a CND file
- Mike: As a second step, we could write some code that interprets the ordered list ontology and determines how to persist the ordered structure in the repository
- Performance can degrade with many ordered nodes at the same level in the hierarchy