

2014-10-30 - 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
- [Jon Roby](#)
- [Unknown User \(escowles@ucsd.edu\)](#)★
- [Unknown User \(acoburn\)](#)
- Longshou Situ
- [Michael Durbin](#)
- [Osman Din](#)
- [Chris Beer](#)
- [Stefano Cossu](#)
- [Yinlin Chen](#)
- [Benjamin Armintor](#)
- [Kevin S. Clarke](#)
- [Eric James](#)
- [Nikhil Trivedi](#)
- [Mohamed Mohideen Abdul Rasheed](#)
- [A. Soroka](#)

Agenda

1. Plans for [WebAccessControls](#)?
2. Expectations of Fedora 4 configuration/configurability
 - a. Content modeling/structural validation features available in 4.0.0 (see discussion in <https://www.pivotaltracker.com/n/projects/684825/stories/81698538>)
3. OAIPROvider information predicate:property storage on root node
4. ...

Minutes

- WebAccessControls
 - Interest from the Hydra and Islandora communities in adopting WebAccessControl ontology for access control metadata
 - Synergy with LDP
 - [Justin Coyne](#) has a PR to implement WebAccessControls in the Hydra Access Controls gem
 - Looking for feedback: <https://github.com/projecthydra/hydra-head/pull/211>
 - Will need to harmonize with Fedora, Islandora implementations and make sure we're all compatible
 - Next step: need to review the Hydra implementation and understand how it uses the ontology and use that to inform Fedora implementation
 - How do groups, IP ranges, etc. map into WebAccessControl: upstream system provides those in headers? resolution of IP ranges/users /etc. within Fedora?
 - IP address -> group mapping can have a lot of churn, so may not be a good fit for storing in the repository
 - Who's interested in providing use cases, testing, implementation?
 - [Stefano Cossu](#)
- Content modelling and validation in Fedora 4
 - Recent discussions about CND content modeling functionality: what kinds of support should Fedora 4 have for using CND types to constrain repository content?
 - Main issue is that Fedora would like to avoid leaking underlying implementation details (like JCR node types) – when people depend on the implementation, it makes the project less sustainable
 - For example, recent updates to store all values as strings with RDF type information – if people were using CND constraints on datatypes, that would be broken
 - Stefano: We've been using CND constraints and not being able to use it would create a burden to replace the validation functionality, which is a large part of the work we've done
 - Adam: bigger problem is Fedora doesn't have content-modeling functionality – a system may need to do modeling or validation, but probably not in the repository itself
 - Big differences of opinion about validation – some people want strong validation, some people want a refrigerator (accepts whatever you put in and gives it back)

- Maybe generic RDF validation approaches could work, as a sequencer or separately?
- There is some validation at the RDF processing level: URIs have to be well-formed, etc.
- General direction: all properties are stored as strings at the JCR level
- CND structural constraints should still work, but datatype validation would not work any more