# 2015-05-07 - 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 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

- Unknown User (escowles@ucsd.edu)
- Nick Ruest
- A. Soroka
- Unknown User (acoburn)
- Michael Durbin ⭐
- John Doyle
- Jared Whiklo
- Yinlin Chen
- Andrew Woods
- David Wilcox
- Osman Din
- Unknown User (daniel-dgi)

## Agenda

1. Current priorities
   a. fedora 3 to 4 migrations
   b. etags
   c. blank nodes
   d. fixity service redesign
   e. LDP: point-like objects, align with spec
   f. Java 8 refactor
   g. move towards API standards (memento? webac?)
2. Open Repositories planning (committer meeting)
3. Islandora / F4 migration update
   a. XML Forms special meeting
   b. migration-utils work
      i. auditTrail mappings – are we good to proceed?
4. Blank node issue (updating existing bnodes) vs. autocreated IDs
5. Next week's call
6. ...

## Minutes

- Current Priorities
  - There doesn't appear to be enough engagement to get to most of these priorities.
  - can we narrow our focus or develop a strategy?
    - Unknown User (escowles@ucsd.edu) thinks **blank nodes** need to be addressed soon.  While users may be happy with the reversion, there real issues that prompted us to move forward before still exist.
      - A. Soroka expressed that the "satisfied customers" are not satisfied with blank nodes, but with automatically generated resource IDs.
      - Andrew Woods stated he thought the requirement was that people be able to ingest "blank nodes" and then be able to edit them.
      - A. Soroka reemphasized that he thought that the current implementation is not truly a blank node as mutating these "blank nodes" made them "named resources" and resulted in a very tricky implementation.
        - adding support for blank nodes that cannot be altered is relatively easy to implement and doesn't stretch the model
        - immutable blank nodes would satisfy the XML-ish RDF constructs that appear to be the main/only use case.
        - Unknown User (acoburn) asked whether one could remove one of several blank nodes with the same identifier (ie, "dc:creator")?
          - A. Soroka indicated that it was difficult, but doable.  One possibility is that when you skolemize the blank node coming in, you create a determinant hash fragment that would be recreated identically when a request to delete that blank node came in.
    - There was some consensus that focusing on hash URIs would be a constructive approach.

- - Andrew Woods suggested that some other items on the list (**fixity redesign, etags**) would bring us closer to LDP spec and that they're sort of broken now, and fixing them might be a priority.
    - Unknown User (escowles@ucsd.edu) advocated for the etags, blank nodes and fixity service be considered "working", but in need of improvement and roughly the same priority.
    - The migration work seems to be under control.
    - Java 8 refactor is largely ready to go, but requires a pretty thorough multi-person review and testing (ie, a cursory code review would not suffice)
      - we need to commit several people to this or we loose a lot of work we've already done
      - we may not have critical mass to merge it in and hope things are resolved through use... but would be risky before open repositories.
  - No one seemed to think there was anything missing from this list, so Andrew Woods thought he'd try to pick out a few items and rally some focused effort on them.
  - Jared Whiklo suggested that since the Java8 stuff was largely done, it might be the best ROI.
  - To address the checkstyle issues...
    - turn off checkstyle? (worse)
    - turn off the aspects that fail on java 8 syntax? (bad)
  - A. Soroka has added all he will to the java 8 branch, we should identify the checkstyle stuff we need to fix, make sure nothing breaks and get it in.
- Monday of OR, a half-day fedora technical meeting
  - Who is going?
  - Could those members start filling out the agenda, or indicate what they'd like to discuss.
- Islandora/F4 Migration
  - Islandora had a special meeting for xml forms and how to move forward (editing XML non-RDF sources)
  - Audit trail mappings will be soon.
  - Work will start on a walkthrough
  - Andrew Woods asked for a non maven, packaged solution, Michael Durbin will make a well-described ticket for this.
  - David Wilcox will talk to some of the migration pilot contacts about possible testing migration-utils
- Next week's doesn't need any caveats after all.
- No new topics from the floor...