

# 2013-09-23 FF Tech Mtg

## Attendees

- Greg Jansen
- Unknown User (escowles@ucsd.edu) ★
- Michael Durbin
- Eric James
- frank asseg
- Ye Cao
- Matthias Walter
- Markus Haarländer

## General

- Indicates who took minutes - ★
- Call-in: Google-hangout at:
  - [https://plus.google.com/hangouts/\\_/event/ccnv0ba94h3fb2je3gscunqc49g](https://plus.google.com/hangouts/_/event/ccnv0ba94h3fb2je3gscunqc49g)

## Agenda

1. Sprint b3 planning
  - a. AuthN/Z
  - b. Triplestore
  - c. 3-4 Upgrade
  - d. Large files
  - e. Clustering
  - f. Search and/or Sequencers

## Minutes

1. Project and process introduction
  - a. Pivotal tracker
    - i. Tickets, points, phases, etc
  - b. Git flow
    - i. Working branches, submit pull requests
  - c. Unit and integration testing
    - i. Ensure minimum of 75% unit test coverage
    - ii. Sonar
2. Ticket walk-through and assignments
  - a. Esme
    - i. Working on triplestore tickets, starting with use cases and sample data/queries.
    - ii. Documenting triplestore deployment, then how a user can create objects and inspect results in a triplestore.
  - b. Michael
    - i. Scalability issue with nodes that have many children (e.g., fcrepo3 repository with a million objects). All children are loaded and included in the REST API response. Need broader discussion of how to address this (using paging, simulated hierarchy, etc.).
  - c. Eric
    - i. Working on large files, esp. whether performance of SHA1 checksumming can be improved by using native OpenSSL call instead of Java.
    - ii. Wiki documentation of large file ingestion.
    - iii. Testing whether content added to a projection using the REST API is stored in the projection, or in the repository.
  - d. Matthias/Ye/Markus
    - i. Need to review existing indexing work and develop design document for searching/indexing.
      1. Design - Customizable Search Index
    - ii. Goal is customizable, configuration process, need to identify what can be configured.
    - iii. MODS sequencer: should be a more generic XML sequencer, wait for indexing design document.
  - e. Greg
    - i. Access control models to attach roles to fedora nodes. Goal is to add simple policy enforcement in Java (not delegating to external system).
    - ii. After that: Adding XACML to a separate workspace and link them to parts of the repository to define policy.

## Actions

1. All to flush out details of respective tickets
2. Setup meeting to discuss scalability of nodes with many children (Greg Jansen)