

# 2017-06-12 Performance - Scale meeting

## Time/Place

- Time: 11:00AM Eastern Time US (UTC-4)
- Dial-in Number: (712) 775-7035
  - Participant Code: 479307#
  - International numbers: [Conference Call Information](#)
  - Web Access: <https://www.freeconferencecallhd.com/wp-content/themes/responsive/flashphone/flash-phone.php>

## Attendees

- [Andrew Woods](#) ★
- [Yinlin Chen](#)
- [Colin Gross](#)
- [Danny Bernstein](#)
- [Longshou Situ](#)
- [Christopher Johnson](#) - bad connection

## Agenda

1. Repeatable tests for demonstrating performance characteristics of Fedora
  - a. [Tests and Share Results](#) may be due to Application Link configuration.
2. Rerun [the](#) , 4.7.3.
  - a. An uniform experiment environment.
3. Including those tests as a part of the CI builds and/or release process
  - a. Formalize any API performance test plan definitions in an ontology.
  - b. [Fedora Commons Repository - Performance Test Ontology](#)
4. Consolidate other performance testing results.
5. Future meeting time: Does Monday 11am work or need a new time?
6. Establishing more general performance tests against the [Fedora API Specification](#)

Unable to locate Jira server for this macro. It

## Minutes

### Documenting Running Test

1. Some mismatch between fields that are being created and what the graphing script is expecting
2. Action: Colin to update scripts to support old and new spreadsheet fields
3. Action: Danny to verify and document when Colin is done

### Rerun 6 tests

1. Establish three size test hardware configurations
  - small, medium, large
  - 2-cpu, 8GB memory
2. Two reasons for re-running tests
  - 1. Observing performance changes from release to release
    - Establish matrix of tests that have been run and results
  - 2. Determining the limits of Fedora (how many resources can load...)
3. Who is running each test
  - Test 2 - Danny
  - Test 3 - Andrew
  - Test 4 - Yinlin
  - Test 5 - Colin

### Including tests at a part of CI builds

1. Skipped

### Consolidate performance test results

1. No other results to include

## When is next meeting?

1. This time is good for everyone who is here
  - Aug 14th (Monday) 11am

## API Spec test suite

1. It would be helpful to have performance and compliance test suites against the Fedora API Specification
2. Interest in a proof-of-concept test framework
  - what tools and framework for compliance tests
3. Add as standing item for future agendas

## HydraConnect Proposal

1. We should submit a proposal
  - <https://wiki.duraspace.org/display/hydra/Samvera+Connect+2017>

## Actions

- Colin to update scripts to support old and new spreadsheet fields
- Danny to verify and document when Colin is done