

Time/Place

- Time: **11 am Eastern Daylight Time US (UTC-4)**
- Voice
 - Via Skype+: Dial from anywhere: \+9900827047086940 (callto://+9900827047086940)
 - Via Phone+: US Number: +1 (201) 793-9022, Room **#7086940**
- IRC:
 - [Join the #duraspace chat room via Freenode Web IRC](#) (enter a unique nick)
 - Or point your IRC client to #duraspace on irc.freenode.net

Regular Items:

1. Notetaker volunteer
2. Review **last week's** actions
3. Status questions/clarification
4. Review **recently submitted issues** (15 minutes)

Discussion Topics:

- ## 1. YourKit findings

If you have status items to report, please enter them below at least 1 hour before the meeting starts.

Chris:

- Released CloudSync 1.0.0 last week, finishing up docs & announcing to list this week.
- Experimented with YourKit. Did a call timing test (turned on CPU profiling w/tracing during fedora-ingest-demos.sh) and found an obvious area for improvement:

[illegible]

Download the associated YourKit snapshot (unzip then open in YourKit).

Attendees:

- Chris
- Eddie
- Ed
- Steve
- Ben

Notes:

See [notes on IRC](#). Pasted below:

[15:00] <cwilper> Starting <https://wiki.duraspace.org/display/FCREPO/2011-11-01+-+Fedora+Committer+Meeting>

[15:03] * barmintor (barmintor@specdl11.cul.columbia.edu) has joined #duraspace

[15:03] * bradmc (~bradmc@207-172-69-79.c3-0.smr-ubr3.sbo-smr.ma.static.cable.rcn.com) Quit (Read error: Connection reset by peer)

[15:04] * bradmc (~bradmc@207-172-69-79.c3-0.smr-ubr3.sbo-smr.ma.static.cable.rcn.com) has joined #duraspace

[15:07] * EdAtTheAlliance (811398fe@gateway/web/freenode/ip.129.19.152.254) has joined #duraspace

[15:09] <sbayliss> Steve starts taking notes...

[15:09] <sbayliss> Actions from last week:

[15:09] <sbayliss> * update release availability

[15:10] <sbayliss> * have a go with YourKit

[15:12] <sbayliss> Release availability page is showing "days" but people are recording hours. Just updated the page to say "hours"

[15:12] <sbayliss> Chris reports CloudSync 1.0 is out

[15:12] <sbayliss> Chris will go through some YourKit findings later

[15:13] <sbayliss> Reviewing recently submitted issues...

[15:13] <sbayliss> FCREPO-1023

[15:14] <sbayliss> No W3C SPARQL Query Results XML format

[15:15] <sbayliss> Would be good to find out what the specific differences are

[15:15] <sbayliss> Commented asking for more info

[15:15] <barmintor> <sparql xmlns="http://www.w3.org/2001/sw/DataAccess/rf1/result">

[15:16] <sbayliss> FCREPO-1022 Deprecate Messaging client

[15:16] <barmintor> w3c root: <sparql xmlns="http://www.w3.org/2005/sparql-results#">

[15:16] <barmintor> this may be a Mulgara issue; I think we just pipe those results back (I'd have to check)

[15:17] <sbayliss> and FCREPO-1021 Split Java REST client into two artefacts (related)

[15:18] <sbayliss> Both opened, assigned to 3.6

[15:19] <sbayliss> Eddie to add Steve to Github repo (ID: penthes)

[15:20] <sbayliss> FCREPO-1004 Fedora object generator

[15:21] <sbayliss> - opened; Frank is doing some work on this

[15:21] <sbayliss> FCREPO-1003 - discussed on a previous call, opened

[15:21] * EdAtTheAlliance (811398fe@gateway/web/freenode/ip.129.19.152.254) Quit (Ping timeout: 265 seconds)

[15:22] <sbayliss> FCREPO-998 - RI Module fails to start if log level is set to DEBUG

[15:22] <sbayliss> priority -> major

[15:22] <sbayliss> -> 3.6

[15:23] <sbayliss> -> open

[15:23] <sbayliss> FCREPO-997 - external datastreams: external service MIME type is passed through (not the one defined in the datastream)

[15:23] <sbayliss> Discussing if this is the right way or not...

[15:24] <sbayliss> Do we want Fedora to override external service mime-type?

[15:27] <sbayliss> Reasonable approach seems to be that if MIMETYPE is not defined in Fedora, then use external service MIMETYPE. If it is specified then use it.

[15:28] <sbayliss> Ben - it's really a feature request, not a bug

[15:29] <sbayliss> Current behaviour is probably not well documented

[15:30] <sbayliss> Issue Types: Feature is now Story

[15:31] <sbayliss> (non-committers may not be aware of this)

[15:42] <sbayliss> Would be good to have a custom form so folks get informed

[15:42] <sbayliss> Chris will look into this

[15:46] <sbayliss> Chris reporting on YourKit

[15:47] <sbayliss> Looked at call timings

[15:47] <sbayliss> fairly easy to do

[15:47] <sbayliss> tested ingesting demo objects

[15:48] <sbayliss> example: Schematron validation 95ms in an ingest of 186ms - ie half the ingest time

[15:49] <sbayliss> possibly stylesheets compiled every ingest

[15:50] * EdAtTheAlliance (811398fe@gateway/web/freenode/ip.129.19.152.254) has joined #duraspace

[15:51] <sbayliss> YourKit pretty impressive, Chris found this relatively quickly

[15:52] <sbayliss> An issue could be raised for this

[15:52] <sbayliss> Q: is this a story?

[15:53] <sbayliss> probably it can be written as one

[15:57] <sbayliss> eg Epic could be about improving ingest time, Story could be about improving schematron validation performance

[15:59] <sbayliss> Chris will create a story for this

[16:02] <sbayliss> One for the future: discuss validation, pluggable, disabling, etc

[16:03] <sbayliss> Meeting concluded

[16:03] <barmintor> thanks for note-taking, sbayliss!

[16:03] <sbayliss> You're welcome! Made me pay attention

Action Items

Eddie:

- Add Steve to mediashelf/fedora-client git repo

Chris:

- Look into customizing JIRA issue submission page to articulate what a story is (users no longer see "Feature Request", which may be confusing)
- Look into upgrading to very latest Greenhopper, which requires JIRA upgrade per Eddie
- Create story for Schematron validation based on YourKit findings

Steve:

- Create issue for on-ingest validation configurability (make more relaxed, like disabling schematron, or more strict, like enabling integrity checks)

All:

- Experiment more with YourKit. See if you can find other obvious bottlenecks.