

Software Architecture Meeting Minutes

March 31, 2011

Present: Kalaivani Ananthan, Isaiah Beard, Jie Geng(recorder), Dave Hoover, Chad Mills (Co-chair), Sho Nakagama, Jeffery Triggs, Yang Yu

Agenda:

1) Updates

- R5.2 Development Status (All)
 - Shibboleth on production (Hoover)
 - Progress report on adding XML-1 datasteams on staging server (Triggs)
- 2) Handle server specification (Nakagama)**
- Draft of migration plan from old staging server to new staging server
- 3) Handling Modification Requests (Mills, Ananthan)**
- 4) Large file support in Fedora and WMS (Marker)**

1. Updates

- R5.2 Development Status (All)

Yang reports that the development of WMS is on schedule for April the 6th. The major tasks are all done. Everything is now based on collections with hierarchical authentication. Most of the bugs are fixed with this release.

Jeffery reports that dlr/EDIT stuff is done and ready to be tested with the new showfed in place. Kalaivani has already started testing on Marc export.

Jie reports that the 5.2 development is done and ready to be tested. Jie has a question to all: whether the stats tables (except collections table) should be moved out from dlrcollections to stats database? The notification application will update collections table and other three tables (notification, notification-log, fedoralive). If stats tables are moved out from dlrcollections, notification application will make two database calls. Jie would want either to keep everything in dlrcollections or move all the tables to the stats database. Kalaivani thinks it would be best to leave it as it is now. Most people agreed with Kalaivani and we decided to have all the stats tables move to the stats database for this release.

Chad has finished the annotation tool for NJVid. He has sent it to several people to test. He still needs to finish the playlist sharing and to fix rucore bugs. He should be complete those by next Wednesday.

Kalaivani has a finalized draft of the test plan under the test guide section at software libraries. Almost everybody will have some testing assignment. We need to complete this release by June before the summer time. Kalaivani would like to finish lefty64 testing by mid May.

- Shibboleth on production (Hoover)

Dave has been away and not had a chance to talk with Chuck. Hopefully he will know by next week whether or not it will work.

- Progress report on adding XML-1 datasteams on staging server (Triggs)

No progress on adding XML-1 datasteams on staging server for testing has bwnn made yet. Jeffery is on vacation next week. We will revisit this item in our next SAWG meeting.

2. Handle server specification (Nakagama)

Sho has prepared a migration plan. We need to create a list of all handles and the objects they point to. We will need four handle servers with three backend databases. We will need a freeze of new ingestions for about a week while we redirect our servers. CNRI will need to make changes during this time.

- Sho will run test scripts partially on lefty64. It may or may not have problems since we are jumping three versions in server software.
- Isaiah and Sho will contact CNRI to see if we could arrange a specific date and time period for the downtime. Sho will update the plan with these details.
- Chad suggests that we buy a new prefix for the new server for testing. Then we can have two handles run at the same time. This also gives us the chance to analyze databases. Isaiah will send request to John Brennan for money for a new prefix.
- This item will be revisited.

3. Handling Modification Requests (Mills, Ananthan)

What is the best way to make future requests for development? There is no problem for bug fix. Every bug should be reported to software libraries. But we need a way to manage future last-minute requests and some small modification requests. We need a way to track requests that are not in software libraries. We still need specs for software releases. But new feature requests stay in limbo. Kalaivani has problems tracking requests in all these locations. Chad would like to put the feature requests together and view them with the group. We may want keep spec documents linked somewhere on software libraries so that they can be found easily and printed out as needed. We may put a new "future release" option into software libraries.

4. Large file support in Fedora and WMS (Marker)

We will wait till Rhonda is back to discuss this item

EXTRA

- Exhibits project, 40 items from the Milton exhibit will be rolled out within the next two weeks. There have been issues with images loading slowness on the production server.
- The object 31577 has failed the signature checker and needs to be investigated.