SW Arch Meeting Minutes – February 20, 2014

Agenda

- Announcements and Updates
    - o Update on VM installations and RULsys3
    - o Session timeout
    - o EZID URL for DOIs
- R7.3 status
- Faculty deposit "hang" problem
- RUcore statistics discussion
- Upcoming specification for R7.4

Announcements and Updates

The new DOI API has been tested on development and is now ready to test on staging. This is a simple configuration change and must be done by March 3. Note, also because of a redirect problem, DOI creation is not working properly so ingest into RUcore is temporarily blocked. So, we need to get this problem fixed asap. Using a separate directory for sessions has been implemented in WMS and is configurable. We will proceed with this fix in R7.3. A similar test with Analytic has not yet worked so there is some continuing investigation that is needed.

It appears that the RARCH directory has been properly restored. Isaiah will check it out and then remove the temp upload area that is currently consuming about 1TB of storage. The remaining RARCH storage requires about 3TB.

Ron reported that we will soon need to lay out our strategy for updating to Fedora. There are significant bug fixes in Fedora 3.7 pertaining to the auto-checksum capability and uploading large files. Given the major changes coming in Fedora 4.0, it probably makes senses for us to move to 3.7 first and then to 4.0 (more discussion on this). Our next meeting will be on March 13 and hopefully we can the proceed with our two week schedule .

R7.3 Status

We are beginning an intensive testing of R7.3 starting on February 21. Kalaivani has completed the test plan and suggested a target of March 14 to finish development testing. We'll then do testing on staging and target a production release of R7.3 on March 31. Most of the R7.3 outstanding bugs have been fixed although we will generate more as testing proceeds. Yang is working on a file policy bug that is still outstanding. Ron noted also that we have planned to do a Clam virus scan of the file system as part of R7.3 although this task does not need to be coordinated with the release schedule.

Faculty Deposit

We need to fix the FD "hang" problem. Ron proposed that we plan for an R7.3.1 dot release to deliver this fix. Ron will continue to try to isolate the source of the problem by working with Ryan Womack and Jane Sloan to see if the problem can be reproduced. Many tests in different environments with different browsers and file types have all been successful. We are likely dealing with subtle interactions with how the client workstation is set up. To improve the FD architecture, Yang will separate the upload and the backend processing. Although this will require a change in workflow, it will also help us isolate the problem.

RUcore Statistics

We had an abbreviated discussion of RUcore statistics. The major issue has been to reconcile differences in the public statistics reported and statistics function in dlr/EDIT. Chad suggested that the bug fix in R7.3 is likely to fix many of the problems. Ron will test the statistics function in R7.3.

Specifications for R7.4

We agreed to the following assignments for R7.4 specifications:

- User reports/validate object (Jeffery – scheduled for March 13 meeting)
- Notification and items 3,4, and 5 from Otto spec (Kalaivani – scheduled for March 13 meeting)
- Threaded discussion for Analytics (Chad)
- Wowza implementation (Chad)
- Generate cover sheet with citation (Ron – based on Otto specification)
- FD virus scan with Clam (Rhonda and Jie)
- ORCID id in MODS (Rhonda with MDWG)

Other Items

Kalaivani suggested that we re-examine the proposed releases to make sure we can complete the OA/FD updates during this calendar year. For example, we might pull all of the OA related updates from R7.5 and put them into a new dot release, R7.4.1. This would suggest we deliver R7.4 in late summer and R7.4.1 in late Fall. We'll continue the discussion as we progress with out development process.

Agenda Items for the Next Meeting (March 13, 2014)

- R7.3 status
- R7.4 specifications to be reviewed
  - User reports/validate object (Jeffery)
  - Notification and items 3, 4, and 5 from Otto spec (Kalaivani)
- Use of Clam to scan the file system
- Updates on VMs and rulsys3
- Revise R7.4 and R7.5 to meet OA schedule

rcj – 03/14/2014