

SW Arch Meeting Minutes – September 11, 2014

Agenda

- Announcements and Updates
- R7.4.1 status
- Request-a-copy implementation spec
- New development system
- NJDH old and new collections
- Release summary review
- IP restriction - scenarios

Announcements and Updates

We started off this meeting with a celebration for the delivery of R7.4 and associated refreshments – thanks to Laura Mullen and Jane Otto. Jeffery and Dave will be attending the DC Area Fedora users' meeting on Oct. 6 and 7. The meeting is focused Fedora 4.0 with specific emphasis on system administration on the second day. From the CISC meeting of September 10, the proposal for archiving OJS articles in RUcore was approved with minor updates. Also, RUL will be going live with OLE in July, 2016. Rhonda noted that there is a webinar on faculty buy-in to OA scheduled for September 24.

R7.4.1 Status

R7.4.1 has been tested on staging and includes the coversheet fix and the “save & continue” WMS fix. We will also deliver the hot patch for Analytic. There was extended discussion on how to handle the virus scan memory utilization issue when one replaces a datastream in dlr/EDIT. We had two options: 1) Dave could increase the Apache memory to 1G or 2) use the fix that Jeffery has developed. Also, the group had a question as to why we did not encounter the problem in WMS. We decided on the following:

- Dave will increase the memory as an interim measure.
- Jeffery will investigate the differences between the WMS and dlr/EDIT implementation
- Jeffery will report in the next sw_arch as to the results of the investigation.

We will either put the appropriate fix in R7.5 (either the WMS approach or Jeffery's two file fix).

Request-a-Copy Specification

In R7.5 a “request a copy” link will be displayed for embargoed datastreams. The request links will lead to a web form asking for user name and email and resulting in a series of interactions that are outlined in detail in the specification. Note in R7.5, this feature will be available only for articles (ETDs are to come later). Chad reviewed the specification that was accepted with only a few concerns.

Regarding access to Fedora admin rights, Chad recommended that we investigate for the future a special

user for enabling download of embargoed files that does not have all the Fedora admin rights. Also, Chad will review with Rhonda how to handle the request when the email of the author cannot be located.

New Development Server

The new development server is set up with /mellon/htdocs. We had an extended discussion on how best to avoid confusion with test and development server naming conventions. We decided on the following:

- The new development server will be temporarily named rep-temp.
- After the two week soak period for R7.5, we will take the time to rename rep-temp to “rep-devel” and rep-devel will be renamed “rep-test”.

The renaming task will be put on the release summary and will occur some time in December, 2014.

Also, we will use “deny host” on the test server so developers can create their own databases.

NJDH Old and New Collections

The NJDH collection has an old style collection ID which leads to confusion when creating new sub-collections. In particular, one has to edit the new style collection ID in order for the sub-collection to be properly recognized as part of NJDH. Kalaivani will specify the required task to correct this situation. Related to collections, Kalaivani also recommended that we address the user interface for moving collections around – currently a very complex and confusing process. This new feature will be added to the R7.7 release.

Release Summary

We did a final review of the release summary before publishing on the website. It was noted that all of our functional specifications for R7.5 were completed by the scheduled target date of August 29. We will plan to do the IP restriction specification in R7.6 and decide on the implementation release (either 7.6 or 7.7) depending on complexity. With minor updates (e.g. for the server renaming), we will publish the release summary as reviewed in CISC and with the CISC priorities. For future release planning, we will merge the below the line items with proposed release features and prioritize the entire list. This should eliminate some of the confusion resulting from the “below the line” items.

IP Restrictions

We had a brief discussion on scenarios for IP restriction. Going forward, we will need to distinguish when netid restrictions are appropriate and when IP restrictions should be used. For example, IPs should be used as in the earlier request to limit Jazz Oral histories to a specific workstation. Also, for ETDs that are restricted to Rutgers, we should consider IP restrictions since this allows non-RU people to come on campus and get access (similar to print dissertations). In terms of the overall architecture, it would make sense to apply restrictions to an entire collection rather than just a specific resource. We will discuss these restrictions further in the next meeting.

Other Items

Jie raised the question of how often we should send email to authors in the Top 10 download list. Authors could remain in the Top 10 for quite some time and receiving frequent emails could be annoying. We will review this issue and also address our overall cron policy in R7.5 – how many and how frequently are they run?

Agenda for Next Meeting (August 14)

- Virus scan memory utilization investigation (Jeffery)
- NJDH spec (edit database, etc) for handling the old collection (Kalaivani)
- Scenarios for IP restrictions
- DOIs for legacy objects

rcj- 09/26/2014