SW Arch Meeting Minutes – July 31, 2014

Agenda

- Announcements and Updates
- R7.4 status
- Development server and service pack update
- DOI update (anomalous objects)
- R7.5 specifications

Announcements and Updates

Ron spent an hour with David Wilcox, marketing representative for Duraspace. They talked about Fedora 4.0 testing. Ron indicated that we should plan to test the 4.0 beta in the Fall. It should be mutually beneficial for RUcore and Fedora. For example we may be able to address use cases in the migration and large file categories. Code freeze for 7.5 is the end of September. We could begin testing of the beta and migration from 3.6.2 in October. David will get back to us about compatibility with XACML POLICIES and how they will be handling relationships and versioning. We may want to jump directly to 4.0 or 4.1 and skip 3.8. We should also post use cases for transactions (for example, packaging a series of Fedora commands in WMS as a single transaction) and group authorization on the Fedora Wiki. There will be a two-day Fedora users meeting in DC Oct. 6 and 7. Ron can't go because of another conference commitment. The second day will focus on migration and administering Fedora 4.x. We should try to get one or two attendees – its free. Fedora may be interested in pulling together a non-Hydra interest group in ETDs that could use our work.

R7.4 Status

Everything is packed up and ready for staging. The formal release date is August 18th. Testing will begin on staging next Tuesday. Isaiah will post an announcement on August 11. We reviewed Kalaivani's final report and it appears that all noted bugs have been tested. WMS has one issue related to SMAP and the disappearance old files – not really a bug. A summary of status is a follows: SSO - no active bugs, dlr/EDIT - no active bugs, SOLR- one active bug related to illegal chars in XML (Konin is testing), stats - no active bugs, search portal – no active bugs, and cfgStage variable references are fixed. We are on target to test on staging next week and deliver the R7.5 release on August 18.

Development server and service pack update

We will do the service pack 2.0 update after two weeks of soak time for R7.4, i.e. in early September. Dave wants to wait a bit for service pack 3.0 on production, which requires more changes to MySql. Dave suggests putting service pack 3.0 on the new development VM along with the MySql update. Three new virtual machines will be created in the next several weeks. These include the development server, a Fedora 4.0 machine, and one the SOLR test server. Dave will be investigating how to install Fedora 4. We will begin development of R7.5 on the new development VM for 7.5.

DOI update (anomalous objects) - MDWG

From the DOI metadata update, we had 335 objects that ended up in the DOI reserved state. These included collection objects with no dates and other anomalous objects with incorrect data or a publisher's URL in the DOI field. Rhonda noted that we do want to include dates in the collection objects. The date will become a required field in WMS for all objects including collection objects. Rhonda also raised the question about whether DOIs should be included in objects that are in the administrative collection. The DOI will be visible via Datacite, but the datastreams will be embargoed. Do these objects need DOIs and should we mark them as reserved? There may be more collections like this as well. OJS journals in a dark archive might be another example in which DOIs may be treated differently. Rhonda is looking at the 335 objects and fixing them, time permitting. Two issues will be created in software libraries: 1) MDWG will update the objects manually (entered by Ron), and 2) a task to investigate how we should treat DOIs for administrative documents, dark archives, and possibly other special resources or collections (entered by Rhonda). Jeffery will run a sample on development for adding DOIs to older objects and we will then proceed with the update on production.

R7.5 specifications

Based on unusually large downloads for certain objects, IP blocking has been added above the line for R7.5 (per a recent CISC meeting). Ron, Chad and Jie will work on the spec. Jane and Kalaivani are updating the spec for the dynamic bibliography based on comments from the earlier sw_arch meeting. We need a spec for the three new notification features: 1) notification to repository staff when embargo ends, 2) notification to depositor for ingest and new versions, and 3) notification to author for "Most downloaded". For notifications, there was a question about how we can insure we are using a valid email address. Currently emails are stored in the object's metadata and are basically static.

Ron will ask Jane to do a specification for the line graph display of downloads. We will need three specs in the next couple of weeks, i.e. IP blocking, notifications, and line graph display. The final deadline four also specifications is Aug. 29. We may not be able to accept new features identified by the demonstrations that will begin in September. Any resulting changes from the OA demonstrations will likely have to be in an R7.5 release early next year. Regarding OA demonstrations, it appears that we will disable the cover sheet feature in R7.4, so as not to reveal the URL to websites that are not yet public.

Fedora 4.0 beta testing

Comments on Fedora 4.0 testing are covered in the update section.

Agenda for Next Meeting (August 14)
- IP blocking specification (Chad, Ron, Jie)
- Notification specification (Jane, Kalaivani)
- Line graph display (Jane)