

Minutes of May 1, 2008 Meeting

Agenda

1. R4.5.1 lingering items - collection IDs, indexing times - (Kalaivani)
2. Requirements schedule (Ron)
3. Migration to Fedora 3.0, continuation from last meeting. Update on "external" and "redirect" modes, contentDigest, etc (Jeffery, Sho, et al)
4. Review of ETD requirements for ProQuest export, embargo (Shaun)
5. Open Source headers (Chad)
6. Handling of signature failures (Kalaivani, Jeffery)
7. Pending
 - Admin space
 - sitemap url references
 - xacml requirements
 - url redirect when RUCore/NJDH are down

R4.5.1 Lingering Items

We decided that we would continue to watch indexing times to see if we can come up with some rationale for why indexing times are roughly double from the previous release. Regarding the extra "." in the collection ID, it was determined that Kalaivani and Rhonda will edit any collection objects until this bug is fixed in the next release.

Kalaivani also announced that the WMS bibliographic utility will be released to the Library of Congress on July 1, 2008. Ron indicated that we will not provide a pre-release of open-source WMS to NUL by mutual agreement from our last conference call.

Requirements Schedule

The requirements and release schedule was reviewed with the C-I committee noting that we have separated out requirements schedules for R5.0 and R5.1 Requirements for R5.0 are due by June 1 and earlier if possible. Requirements for R5.1 are due by September 1 or earlier if possible. As part of this discussion, we agreed that content models corresponding to each object architecture will be created manually for R5.0. We may add a capability into WMS in a later release to create content models. In the C-I meeting, a new requirement was added for creating video annotations and providing special WMS

submission screens for NJVid and NJDH. Grace and Linda will provide these requirements. Ron will schedule another shibboleth/xacml meeting.

Requirements for Migrating to Fedora 3.0

Jeffery reviewed the draft for migrating to Fedora 3.0. From recent investigations, we concluded that for external archive files we will need to use the “R” (redirect) mode rather than the “E” (external). In certain scenarios, we can still incur ingest overhead by using the “E” mode. We also conclude that we will need to continue using our locally developed checksum creation and verification process. Fedora apparently does not allow us to apply checksums only to a single datastream (e.g. the archival master). As an update to any object architecture with large archival masters that are pointed to using “R”, we decided that the ID for the archival master will be “EARCH1”, i.e. an external archival master.

The following summarizes impact on WMS for R5.0. Jeffery will update the requirements document for discussion and baselining in the next sw_arch meeting.

- XACML policies will be created manually and added into the object via dlr/EDIT in R5.0. Capabilities for selecting the right xacml policy will be added to WMS in the R5.1 release.
- XACML can be either inline xml or an external object.
- WMS will need to insert a rels-ext pointer to the right content model. We will construct content models for each of the object architectures.
- For external files marked as “R”, WMS will need to replace the “M” (managed) with “R” in the archival datastream and create an ID of “EARCH1”.

It should be noted that continuing post-meeting investigations indicate that we still have much to learn about how to handle content models in Fedora 3.0. Jeffery will update the requirements for another review in the next meeting.

ETD Requirements

Shaun reviewed the results of an ad hoc ETD meeting that was held several days earlier that focused on ProQuest export and embargoing ETDs. It was noted that we will need to address these issues prior to the next RUcore feature release (R5.1).

For embargoing ETDs, we believe at this writing that the appropriate xacml can be manually added to the object. In contrast to NJVid, the xacml is likely to be unique to an object (e.g. embargo for one year from graduation date) so the ETD proposal is to include the xacml inline to the object.

For ProQuest export, it was concluded that Shaun and Jeffery will develop a utility external to RUCore to be able to export ETDs sometime this summer. This capability will be added to RUCore in the R5.1 release. Significant points relative to the export are:

- ProQuest requires a zip file with appropriate metadata embedded in xml.
- We can ftp these files to the ProQuest server. It was suggested that this export/ftp function initially be managed by Rhonda although it might later be automated.
- We believe the ETD tar file in Fedora has all the required file information.
- We will need to filter out those ETDs that have been embargoed.

Rhonda will follow up on two questions: a) Do we (RUL) export Master's theses to ProQuest, and b) do all graduate schools export their ETDs to ProQuest. There was some question about Camden and perhaps others.

Open Source File Header

Chad distributed a handout on proposed file headers for handling copyright and license text for any open source release we make. The general view was the proposal looks good. Comments can be forwarded to Chad.

Handling of Signature Failures

Kalaivani indicated that she will report on how to handle signature failures in the next meeting. Ron indicated that he will buy refreshments for all (i.e. all in sw_arch) when we get our first clean run on mss3 with no signature failures.

Next Meeting

The next meeting is on May 15, 2008 at 9:30 in the SCC seminar room. Agenda items include:

1. Fedora 3.0 migration requirements (Jeffery)
2. XACML requirements (Jie)
3. ETD export update (Shaun)
4. Handling of signature failures (Kalaivani)
5. Quick update – Google indexing
6. Pending
 - a. Sitemap url reference
 - b. Admin space
 - c. url redirect when RUCore/NJDH is down