Agenda

1. Quick updates and Announcements
2. R5.0 status
3. WMS R5.1 Requirements
4. Signature checking updates for R5.1
5. Compile/Config options

Announcements and Quick Updates

Refreshments will be provided by the Chair for next meeting, March 12, 2009.

R5.0 Status

Regarding testing, faculty deposit and ETD export/ingest are working with minor bugs. We decided to proceed in R5.0 with using ImageMagick for the generation of thumbnails (djvu has been used in previous releases). The WMS ingest for video appears to be working however the copy to Darwin of the QT stream is not occurring. (From a discussion during the meeting, it appears that this is a permissions issue which can be quickly resolved). The Flash progressive download is working. We also agreed to a manual procedure for R5.0 in which Isaiah will create and verify the checksums both locally and on mss3 for archival masters in /rarch. Large files are creating manual procedures that we would prefer not to undertake and are not scalable. It suggests that we need to look pre-ingest scenarios for ways to automate these procedures. WMS edit appears to be working with minor problems. Yang has used the php/Soap class for finding objects and this appears to work.

WMS R5.1 Requirements

Ron reviewed a template for WMS R5.1 requirements which identified the main sections of requirements. It was noted that requirements for many of these sections already exist, however there still are some open areas and areas where we need more detail. Jie will pull the WMS R5.1 requirements together in one document and will work with the various members of sw_arch to make sure we have a complete set. We will plan to review a draft of this document in the March12 sw_arch meeting.

In reviewing the various sections of the document, it became clear that we do not have a final decision on the ETD content model, in particular the notion of representing supplementary files as separate objects. As a result, we decided to discuss the ETD content model document in the next sw_arch meeting with the objective of reaching a decision.

Signature Checking Updates

Jeffery reviewed the signature checking updates required for R5.1. There was some discussion about the need to highlight a failure in the email subject line when an object fails the check. Ron felt that this was an important feature. Given that API/A is needed to check signatures (e.g. on a backend storage server) and is also needed for accessing xacml policies in a separate object, we decided to enable API/A on lefty64. API/A should be available for the R5.0 release to properly support signature checking and xacml for video objects. Jeffery will update the document and send to Chad for posting.

Related Items

- There were several comments about moving towards more systematic system administration practices. In particular, there were several comments that differences in the lefty and lefty64 configurations were unexpected. In order to avoid this confusion, we need to continue to standardize our configuration and compile options and publish to the listserv whenever there is a change.

- Kalaivani requested that testing of video be verified against the WMS 5.0 requirements.

- Vince will re-look at WMS batch ingest as a possible solution for ingesting NJEDL objects. This approach may eliminate incompatibilities resulting from using a custom batch ingest.

- Jeffery will update the compile/config options document. Changes from this discussion related to the use of ImageMagick, API/A, and the version of lame.

- For the R5.0 release, we agreed to do two more "pulls" of all objects from mss3. The first pull, to occur early in the week of March 2, will basically be a dry run. We will then do one more pull for the official release.

Pending for Next Meeting

- Review of the ETD content model
- First review of WMS R5.1 requirements