SW_ARCH Meeting - July 12 - Meeting Minutes

1. R2.0 Status. Dave reported that he was ingesting successfully on mss3 in batches of 250 objects. He will need to update software packages (i.e. php, apache, etc) and then install application software. At this point, we appear to be on track for end of the week release.

2. R2.1 schedule. Given the expected release date of R2.0, we established new targets for release of R2.1 as follows: July 21 - code freeze, July 28 - system test complete, July 31 - release goes to Dave, and August 7 - release to the public. Note that R2.1 is primarily a WMS release which includes batch ingest and MIC mapping. We also agreed to do a one time signature audit to establish a baseline (this will require a review and possible edit of signatures - Jeffery has just sent out a list of those to be reviewed). In addition, we will add to R3.0, a new signature checking capability and also block editing of signatures. Regarding alerting, we are still getting the "unknown" in alerting messages. Jeffery and Kalaivani will work to test and fix this problem in R2.1. The "alert.pl" code will be properly named. Finally, we agreed to add DNG as an archival master format to better support images from digital cameras (this had previously been reviewed by the steering committee and approved).

3. Full text searching. Jeffery discussed an approach to implementing FT searching to locate on a page. There are a number of questions that will need resolution including the ordering of results, highlighting search terms, where we locate the "view hits" link, and how we handle searching of other datastreams such as rights, digiprov, and technical metadata. Jeffery will prepare a draft proposal on these issues for review at the next sw_arch meeting. (NOTE: In a subsequent meeting, Grace indicated that she will initiate a user interface group which will specify the UI for these search features).

4. Large file ingest. Sho indicated that once lefty is set up in 64 bit mode and PHP is recompiled, we should be able to ingest objects up to 4GB. We will need further discussion on how to ingest larger objects.

5. Content models. Ron briefly discussed the new Fedora Content Model Disseminator Architecture (CMDA). He also proposed that we start using "content model" in our vocabulary rather than "object architecture". This will align us better with the vocabulary that is being used in the Fedora community. CMDA brings several important features to Fedora repositories: a) run-time binding of disseminators. The disseminators will not we part of the digital object which will greatly enhance the editing of disseminators and b) the ability to validate the content model on ingest.

6. Periodicals and the collection model. Ron briefly indicated that we need to resolve the collection model for periodicals. We didn't have time to discuss this in detail. Ron and Shaun will work together on a proposal for review. We will need to agree on this model before we launch Shaun's journal object ingest code.