

o All,
Attached below are the minutes from our sw_arch meeting of May 31.
Please feel free to post additions and/or changes to the listserv.
Thanks.
Ron

1. Review of R2.0 release and release process

- Regarding code freeze, there are still a few items yet to be dealt with. Jeffery will follow up on the "unknown" appearing in our stats and alert messages (this might have something to do with multiple objCreators appearing in the metadata. Sho will configure the max memory, execution, upload file size limits in httpd.conf and Kalaivani will run tests to confirm that this eliminates the 20 mb problem with WMS.
- After Dave's testing and experience with moving objects via export/ingest from sallie, we decided to move Fedora 1.2 content (on mss3) by doing the following: a) remove all content from lefty, b) export all production content from mss3 and re-ingest to lefty, c) install the new release on mss3, and d) export from lefty and re-ingest on mss3. Since Fedora release procedures suggest we migrate content thru 2.0 to 2.1, we should get a clarification from Fedora on this process. There has been no response to Dave's earlier posting on the fedora listserv, so Jeffery will email Ross Wayland and Chris Wilper directly to get a clarification.
- Dates. We will move the code freeze date to June 2. The ST date will stay at June 2 since most of the system testing is already complete. The release to the public for R2.0 will be June 26. We will bring the production system down on June 21 and it will probably be down for several days while we install and move content. Isaiah will put out a notification on the previous Friday (June 16) alerting users to the down time and Chad will post a note on RUcore and NJDH websites. Isaiah and Dave will work to see how best to provide a note on the web while the system is down. Given the uncertainties of this release process, the above dates may have to be moved around a bit. If this happens we should plan to give users at least a 3 day notice of the down time.

2. Partners' Portal

Chad review the proposal for a Partners Portal. The basic idea is for a partner's webmaster to have an administrative website that will allow them to select the collections they want and to then provide an interface to our generic advanced search capability. Partners would only have to deal with html so our support overhead would be minimal. Providing this capability also gives us the opportunity to

modularize some of our code. Chad will work with Jeffery to a single amberfish search package that will work for rucore, njdh, and the partners. Chad will also work with Jeffery and John to rework the method for handling thumbnail images. The basic approaches are to either generate these images dynamically or create them and store them in the object.

3. Workarea architecture

Shaun reviewed the proposal and remaining issues for the phase one workarea architecture. The proposal was approved and the details won't be reviewed here except to highlight the issues that will be addressed in phase one. These include: a) ability to prepare metadata prior to uploading files - a file name association problem, b) a method of protecting against overload in the (perhaps rare) event that several users launch simultaneous batch ingests of over 100 objects, c) we agreed that the WMS delete function will delete files from both the WMS workarea and the temporary upload area, d) a report will be generated for the cataloger showing which objects failed and which were successfully ingested, and e) an automatic delete from the WMS workarea and temporary upload area will occur after 3 months. This action will be preceded by warnings that the automatic delete action will occur.

4. R2.1 and R3.0

Kalaivani will be the release manager for R2.1 and we will stick to the dates that are in Target 24, specifically ST complete on June 30 and release to the public on July 10. For R3.0, Ron proposed a code freeze date of Sept. 15. PLEASE NOTE: All software developers should get back to Ron on whether they can make this date. Also, suggested alternative dates, either earlier or later, should be submitted. We'll fix the actual dates at our next meeting.

5. New objects.

We briefly discussed the need for new object architectures. The most pressing is "Record" as in immigration records. Ron will discuss this with Mary Beth and we will try to get it into R2.0.

6. Other

Sho will follow up with Ron on issues relating to the licensing of the .shn (shorten) algorithm.