Attendance: Ananthan, Beard, Ellis, Geng, Hoover, Liew, Marker, Mills(recorder), Nakagama, Triggs

Agenda Items:
1) R4.2 status along with the ETD tar checksum situation (unified methodology for tarring of files from PHP apps)
2) Resource Index Configuration for compound object investigation work.
3) Discussion of adding a specification freeze into the release schedule.
4) Getting test objects on lefty to use test disseminators' on lefty. Currently test objects point to production disseminators'.
5) R5.1 migrating from php4 to php5
6) Handle server migration
7) Open source WMS release testing

Agenda Item #1

R4.2 was released into production this week. During installation it was discovered the 'numobjects' field in the dlrcollection databases was updated before the index was completely built. This resulted in "broken" search results because the collection is listed as searchable but is not ready to be searched against because the index build is not complete. Triggs will investigate this; he believes the ordering of updating this value can be reworked. Ananthan will submit this as a bug for the next release. This bug is not considered critical.

Hoover reported the indexer took 3 hours and 43 minutes to rebuild the indexes from scratch, 7 indexes took up almost 3 hours of that time. NJEDL took the longest, 57 minutes. Hoover also reported that 8 collections had indexes built with only 1 object indexed in them. Hoover will pass along this list to the group and Marker will investigate. Indexes now consume 2.8 GB of space; NJEDL takes up 1.4GB of that. Due to the indexes requiring so much time to build from scratch this delays rollout during a scheduled 9AM to 5PM downtime. Hoover suggested for the next rollout that downtime begin the evening before so that indexes can be built over night and rollout can be completed the next morning. This will also limit out "9 to 5" downtime. This will be integrated into the next release schedule.

ClamAV was installed on the production system but it is not being used as part of the pipeline right now or as a cron job. ClamAV will be integrated into the pipeline in the next release, 5.0.

Since no ETD's have been ingested yet the ETD quick search page will be taken down until an ETD is ingested. Mills will do this and Marker will inform when an ETD has been ingested so the quick search mechanism can be added back.

Ananthan, Marker and Mills will investigate the NJDH collection objects that are related to themselves and devise a method to correct them.

Batch importing of ETD's is not functioning in WMS, only single record importing is working currently. Also on the ETD front Ellis is investigating UTF-8 char translation from cutting and pasting from Word docs, and other things possibly, into the abstract section of the ETD web form. He will pass along any information gained. It is thought this issue and batch importing might be related, distantly. Triggs suggested converting the unicode charaters to numbered entity references. He will pass a script along to Ellis.

ETD will abandon using the PEAR class to tar its files and will use exec() tar commands. This is similar to the way WMS operates. WMS will receive a tar file and checksum from ETD. WMS will not explode the contents

of the tar, but will simply calculate the checksum of the tar after delivery and compare it to a checksum delivered from ETD from verification.

On a broader note admins need to be informed of 3rd party applications used by developers' in there applications. Open communication of this information is essential and expected for security and patching. Delivery of this information through release notes is an expectation. Also open discussion of this topic will take place in the developers' meetings so far as the popular use of 3rd party apps and scripts and reuse across applications.

Agenda Item #2

A purge and reingest of all objects will need to be performed in order to enable the Resource Index feature. This will be scheduled for R5.1. As R5.1 approaches enabling this feature might cause some issues with some objects that might require a re-index of the resource index. It is also recommend that developers' test their code on lefty64 when possible. PHP5 is slated for R5.1 and testing ahead might bring them an advantage. Lefty64 has PHP5 installed. An example of a "real" compund object from Indiana University can be found here:

http://fedora.dlib.indiana.edu:9090/fedora/get/iudl:21/

Agenda Item #3

A specification freeze date will be added to the workflow of this working group. What this will mean is that after new features are approved by Cyber infrastructure developers' will be responsible for working with project leads, when possible, or themselves to devise specifications documents that address the feature requests. This document will be due to the Software Architecture Working Group by the specification freeze date for approval. Code freeze dates will be determined from this information. Specification documents will then be posted to RUcore for use by the project leads and developers' during the programming process.

Agenda Item #4

Triggs will investigate if it is possible to fix the objects on lefty from pointing to mss3 for disseminators to pointing to lefty. Also a fix needs to be made on mss2, currently its objects point to lefty for its disseminators. More will be gained after the 2-week post release freeze is lifted. Triggs will report more at an upcoming meeting. The purpose of this is normalize our testing and staging environments.

Agenda Item #5 & #6

Skipped, will discuss next meeting

Agenda Item #7

The open source WMS version has been developed on the MIC machine and is ready for testing and viewing by partners. Nakagama will create a database on lefty the open source WMS version can use. Testing will take place on lefty. Ananthan reports testing will be done at the end of August and possibly released to partners for their review. At the end of September a special meeting will be adjourned to discuss only the WMS open source initiative.