

**Agenda**

1. Updates and Announcements
2. Portal User Interface and Indexing
3. Collection spec – continued discussion re: owners
4. WMS R5.2 specification
5. R5.2 Target dates

**Announcements and Quick Updates**

- Statistics reporting in our last release has performance problems. Jie will be making some software changes to deliver in R5.2 to improve the performance. Jie will also work with Sho and Dave to delete crawler domain statistics which should reduce file sizes. In addition, Kalaivani and Jie will work to reconcile different results in the statistics reporting, primarily as a result of what is counted (e.g. content models) and what collections are attached to the root.
- Jeffery will work with Rhonda and Dave to push the Google Scholar site map out in the next week – an important action in order to improve Scholar searching. Sho reported on the installation of Fedora 3.2.1 on lefty64. It looks like the installation went smoothly and, with spot checking, all the services seem to be running. Sho needs to rebuild the resource index and there was a problem with one object that didn't have a datastream, although this did not appear to be related to the upgrade. Kalaivani will develop a test plan and all developers should test their own code. We should be able to move Fedora 3.2.1 to mss2 in the next week or so.
- There was a problem with a very large map image (1.6GB) which caused some problems in creating the thumbnail. ImageMagick requires use of a tmp file in the /var directory and apparently uses a heuristic to determine when to do in-memory processing or use temporary disk storage. In this case, the use of disk resulted in very large processing times. We'll do some more testing on lefty64 and Isaiah will follow up as to who/why the file was deleted on mss3.
- Jeffery will check to see if there is any impact if we delete the NJDH directory on mss3.

**Portal Indexing**

Jeffery reviewed the specification for portal indexing in R5.2. The basic plan is to implement the capability in two steps. In R5.2, we will move ahead with the three major portals as part of the user interface. This is an important step to address the confusion that results from the current advanced user interface and the collection tree. Also, in R5.2, we will assign collections to portals and retain the basic indexing method (i.e. use of relatedItem) as the primary indexing technique. This approach will require an ad hoc team (Rhonda, Kalaivani, and Linda) to assign collections to portals. In addition, Jeffery will provide a capability for assigning specific resources to a collection. For R5.2.1, we will need to address the more complicated architectural issue of assigning a portal ID to a specific resource which will involve significant WMS and dlr/EDIT changes. In addition, we should plan on moving ahead with SOLR/Lucene in this release.

**Collections Specification – The Owner Concept**

Kalaivani continued the discussion from last meeting regarding how to handle the transition to the ownership concept for collections. The word owner is a "concept" that will not necessarily affect the display. The current corporate name is already there in the organization records. Personal names will now be added. This can be free text in the organization record. For faculty deposit, both the faculty member as personal owner and the university as corporate owner will be used. We need Rhonda to come up with appropriate display labels for corporate and personal owners. We also had a brief discussion on how (or if) the organization record in WMS should be represented in Fedora. There are two basic alternatives (at least): a) ingest the organization record as an object and relate it to collections via rels-ext or b) don't ingest and have the display software access the WMS database to extract the required information. Chad will investigate option b and we will need to revisit the architectural issue of where this information should reside. (Editorial comment: If the owner record represents important information that should be preserved than an object should be ingested into Fedora).

### **WMS R5.2 Specification**

We did not have time to review this specification. Jie will add the ownership item to the specification and note specifically which items under section III of the specification will be included in R5.2

### **Modification Requests to be Submitted to Software Libraries**

1. Resolve the discrepancy in stats reporting (Jie, Kalaivani, Ron)
2. Accessing the WMS database for owner information (Chad).

### **R5.2 Code Complete**

Ron proposed that we consider a code freeze date of the last working day in December. All developers should be prepared to discuss this target date in the next meeting. If we can't meet this target date, we will either move the release date out or alternatively remove some of the features so we can meet the date.

### **Agenda Items for the Next Meeting**

- WMS R5.2 specification (Jie)
- R5.2 code freeze target (all)
- Update items
  - R5.1.3 on mss2
  - Shibboleth on mss2
  - Google Scholar
  - WMS database access for owner data
- Pending items
  - Djvu java applet
  - Performance of handle server