

Minutes of August 5, 2010 Meeting

Agenda

1. Updates and Announcements
2. Resolution of remaining R5.1.2 issues
3. Testing and release date for R5.1.2
4. Goals for AY 10/11
5. Pending
 - a. Djvu using the java applet
 - b. Handle server performance

Announcements and Quick Updates

Updates are as follows:

- Much progress was made with the NJEDL ingest over the past few weeks. The collection structure with 10 objects was tested on lefty64. A preliminary portal with 10 objects is now available on mss3. We are ready to start the batch ingest process which will spread the 5000 objects over the next month or so.
- We reiterated that we are only using the registry 1782.1 going forward. The capability to create handles with the other registry numbers should be removed from WMS and dlr/EDIT.
- Ron noted that we will spend some significant time in the next meeting discussing the content of R5.2. At present, there are many items on the list and we need to pare this list down if possible.

Resolution of Remaining R5.1.2 Issues

- URL construction for the annotation application. We agreed to add a subfield “an” with a following period to insure that there are no ID conflicts between WMS and the annotation application. In addition, when repair of handles is necessary, we recommend a letter suffix be added to the ID (e.g. 1234a). It was noted that we have very long PIDs and we might want to consider a different approach (e.g. eliminating the collection ID from the string). This item is included below as a modification request.
- Statistics are properly displaying for the NJEDL portal.
- Kalaivani noted that WMS edit statistics were not being captured in the edit logs. Yang will move this fix into the base for R5.1.2. This problem led to further discussion as to how the purging of objects and alerting should be handled. (e.g. purge first, then alert or alert and then purge). As a related item, we agreed to move to Java v1.6 in the Fedora upgrade release (R5.1.3)
- Certain dlr/EDIT urls are not protected with an authentication login. Jeffery will fix this problem for R5.1.2.
- We do not need to worry about how to show hits on annotation objects in this release since we will not have any annotations. NJVid will handle this problem on their end.

- We agreed that the approach for creating ETD search portals, as discussed in the previous meeting, can be released in R5.1.2. The search on “program” will not be available to the public and will only be used under our control to create the portal.

Release R5.1.2 Testing and Release Date

We will do some further testing of ingest of MP4 files and the statistics logging referenced above. Our plan would be to finish this work on Friday (Aug. 6) and to conduct mss2 testing during the week of August 9. The release should be available to the public during the week of August 16. Isaiah will send out an announcement on August 9.

Goals Discussion

Ron reviewed the preliminary goals for AY 10/11 indicating that Grace has requested the goals profile be 20% continuation of last year’s goals, 20% new, ground-breaking goals, and the remaining 60% should focus on our core projects. The goals that most affect the software architecture team are: 1) An architecture-only release (R6.0), 2) a high-availability, read-only capability with fail-over, 3) finish version 1 and develop version 2 of the analytic tool, 4) enhance the quality of RUcore resources via an integrity checker, 5) implement an improved user interface to support the scholarly, research, and cultural heritage portals, 6) develop a modular, extensible search engine architecture, 7) continue prototyping of the data repository, and 8) an R&D goal to focus on small, investigative projects such as an RUcore mobile application. It was suggested that we also need a hardware goal to support our mass storage needs and possibly to support the high-availability capability. Related to the data repository goal, Grace is also submitting a goal for a data grant and a goal for working with ORSP.

Modification Requests to be Submitted to Software Libraries

1. Investigate alternate ways of creating the PID in order to reduce the length of the url.
2. Investigate the possibility of restricting access to the ARCH1 datastream by using a system-wide xacml policy.
3. Remove the purge object capability from WMS. We concluded that this capability should not be available in WMS. With proper authentication, the purging of objects will be done in dlr/EDIT. We also need to address the purge-first issue.
4. Restrict handle creation to the 1782.1 registry.

Agenda Items for the Next Meeting

- Collection architecture/portals and associated WMS changes
- Discussion of R5.2 content
- Pending items
 - Djvu java applet
 - Performance of handle server