

Software Architecture Working Group

October 27, 2008

Minutes of October 24, 2008 Meeting**Agenda**

- Quick updates – R4.5.2, NJVid video ingest, Shib/xacml
- Review of WMS 5.0 requirements
- Review of user services requirements
- Release summary

Updates

R4.5.2. With resolution of the configuration issue on mss2, R4.5.2 (the security release) is ready to go public. The plan is to announce on Monday (Oct. 27) that RUcore and associated portals will be down on Thursday (Oct. 30) and we will go public on Friday (Oct. 31). Jeffery will post a note on sw_arch to get confirmation from Dave (who couldn't make the meeting). In the context of this timing, we discussed the need to do another pull of all objects from mss3 (excepting archival masters) to lefty64 in order to correct a techMD namespace issue that only occurs in objects ingested several years ago. Jeffery has prepared a script to make the necessary corrections and Sho will initiate the pull over the weekend.

NJVid. Isaiah indicated that there are now 10 videos in various collections in RUcore (under the main NJVid Commons collection). This is excellent progress and it appears we are well on our way to the 30 – 50 target for the NJEDge conference in mid-November. Chad will prepare thumbnails for each of the videos and he is also working with Robert from William Paterson to embed the portal in the NJVid website.

Shibboleth/xacml. Jeffery indicated that we have been able to authenticate RU members with appropriate transfer of attributes. Several different xacml policies have been tested including the blocking of access to a particular institution and role (e.g. a student at RU). An embargo policy has also been tested for ETDs. Currently, we are trying to resolve issues that prevent authentication from NJIT.

Review of WMS R5.0 Requirement

Jie has prepared the WMS 5.0 requirements by extracting the relevant sections from other specification documents. We quickly reviewed these requirement for completeness. It was noted that the procedure for moving QT streams to Darwin will require the ability to login and create a directory. Isaiah will explore how best to do this. Yang will be implementing the R5.0 requirements and will include Jie in the process so she can take over the faculty submission part of WMS for R5.1. It was also noted that WMS does not need to insert the foxml for disabling the Fedora contentDigest capability. Note also that the java bridge capability will be used in R5.0, however we will move to a soap class in R5.1.

User Services Requirements

Rhonda led the discussion of the user services requirements document. The process used here was to identify the release for implementation (R5.0, R5.1, or R5.2) of the requirement and the person(s) who would implement the capability. Rhonda will add these notations to the requirements document. The requirements are too numerous to itemize here. Suffice it to say that the requirements identified many advanced search and related user interface issues (e.g. searching on grant number and ordering search results by Name). These requirements are mostly distributed across R5.1 and R5.2 although Chad will be able to make some of the html changes outside of the release structure.

Release Summary

Ron reported that the revised release structure was reviewed and approved by Cyber-Infrastructure. In summary, R5.1 will be mostly focused on NJVid (especially the ability to handle licensed videos), however some RUcore/NJDH user services features will also be included. Release R5.2 will be more focused on RUcore, NJDH and faculty services. It was noted that the code complete date for R5.0 is December 24, 2008. WMS is the critical path item and the schedule for release in January is still quite tight. After Yang has reviewed the requirements in more detail, we will re-visit the schedule – a topic for next meeting.

Pending Items for Next Meeting

1. Status updates
2. WMS code complete date for R5.0
3. Testing procedures going forward
4. Review of thumbnail spec
5. Migration of NJEDL to RUcore – software architecture impact
6. Annotation spec
7. Performance analysis on mss3
8. Local host restrictions for R5.0