Software Architecture Working Group   **December 21, 2009**

Minutes of December 3, 2009 Meeting

Agenda

1. Updates and Announcements
2. R5.1 status and performance
3. Status of VMC video ingesting
4. Statistics reporting – user interface

Announcements and Quick Updates

Ron reported on discussion regarding the Shoah Archive, an archive that has over 100,000 hours of video from holocaust survivors. SAS at RU will be running a local server and caching digitized "presentation" files of these vides. SAS IT director Tom Voessler has asked RUL to help manage the archive. Ron, Grace and Isaiah will be meeting soon with Tom to discuss what the project will entail. Grace has chartered the RUcore Digital Storage Working Group, to be chaired by Dave and including Chad, Isaiah, Sho, and Ashwin. Ron mentioned a puzzling announcement from the SCI faculty meeting that the GSNB will embargo all dissertations for two years. Rhonda will investigate. We will be implementing accessibility standards under the guidance of the user services group. Vince has executed a batch ingest of 50 objects of all types from NJEDL with good performance numbers.

Status of R5.1 and Performance

Kalaivani reported that she is ready to move ahead with testing of R5.1 on mss2 as soon as we have clearance on the performance issues. Dave reported that performance with amberfish 1.4.1 was much faster than 1.6 on mss2. He also indicated that "linearizing" the indexes does not occur with 1.6 and should be checked out. We decided on a two-part approach: 1) check out linerarizing of indexes with 1.6 on lefty64 and 2) if no improvement, then Sho will rebuild 1.4.2 on harvest and we will use 1.4.2 for the R5.1 release. We also decided that we do not need to do a "thumbnail" build for mss3. We will use thumbnails that have been build on lefty64 and Jeffery will work with Dave to identify those objects in mss3 that will need thumbnails. These can be ingested in a post-release scenario.

VMC Ingest and R5.1 Schedule

In the recent CISC meeting, Grace reported that students will have completed the creation of metadata by Dec. 4 and reviews of the metadata will by complete by Dec. 11. It appears at this point that the VMC schedule is "gating" the Rl5.1 release schedule. The overall desire of the group was to release R5.1 before the holidays and we decided on the following schedule:

- Isaiah will complete the VMS video file transfer (some 18 hours for approximately 60 videos) over the weekend of Dec. 12 and 13.
- Isaiah will ingest the videos on Monday and Tuesday (Dec. 14 and 15)
- Kalaivani will conduct mss2 testing during the week of Dec. 7
- Given the success of the above three steps, Dave can start preparation for release on Dec. 16 with the objective of releasing on Thursday, December 17.

It was noted that there are multiple contingencies in the above release process and those involved in the specific steps will report any issues that disrupt the schedule. If we can't release in 2009, we're probably shoot for second week of 2010.

Statistics User Interface for R5.2

Jie reviewed the user interface for statistics reporting in R5.2. There were many good suggestions for improving the user interface which I won't try to repeat here. Architecturally, for the ARL stats, we should consider opening each object to get size and date. Given migration of objects, file dates will not reflect when content was originally ingested. It was also suggested that domains should be configurable, specifically for getting search results by domain. Note that we are tentatively scheduled to review the user interface spec at the Dec. 16 CISC meeting.

Other Items

If we move ahead with release of R5.1 on Thursday, Dec. 17, we will cancel the sw_arch meeting planned for that day. The first January meeting will be on Jan. 7 at 9:30 am in the Heyer room and will proceed every two weeks thereafter, i.e. Jan. 21, Feb. 4, etc.

Agenda Items for the Next Meeting

- Status of R5.1 and performance
- Review of updates to the configuration document (e.g. java bridge, etc)
- Batch ingest for NJEDL
- Review of annotation specification
- Jpeg 2000/Aware
- R5.2 review

rcj – 12/21/2009