

1. R3 testing. Testing and bug fixing has gone quite well. There are 8 outstanding bugs which either will be fixed shortly or are not critical for this release. For video, we have successfully tested (ingested and played) a video with uncompressed size of 4.5GB. We will do one more test of a much larger video (about 35 minutes) on Thursday. If this is successful, system test will release to systems on Friday (9/22) to begin the installation process. There is one outstanding bug on the pipeline-ocr capability that will be carried over to R4. The problem is that ocr hangs when there is no text on the page. This typically happens, for example, with books where blank pages are scanned to preserve the original page numbering. For R3, we will need to find workarounds for this problem. Note that all of our material that is outsourced for scanning (e.g. NJDH newspapers and magazines), Princeton imaging is providing the ocr files so it is not a problem for these materials (i.e. we don't use the pipeline-ocr for these materials).

2. Video updates for R4. Because of the tight schedule for R3, we need that we couldn't get all the video updates into the release. Therefore the following, as recommended by the AVWG, will be implemented in R4: a) presentation files will be Quicktime and flash (we'll drop support of compressed mpeg2 as a presentation format, b) in both R3 and R4, we will do progressive download which provides a user experience similar to streaming. Note that we will not do streaming in either of these releases. It was recommended that we consider streaming in R5 if it is necessary. This capability fits nicely in R5 along with custom disseminators for video and sound and c) the video archival master will not be compressed.

3. R4 release summary. We reviewed the architectural and schedule implications of the R4 release as approved by the steering committee. The agreements and issues from the group are: a) agreed that we would move all object types to functional ids in R4. We also agreed that in some future release we would export/filter-update/import all objects that have the "DS" identification in order to have all objects in the repository follow the functional naming conventions, b) Isaiah will work with the MDWG to get updated metadata requirements for born-digital objects and update preservation and rights metadata, c) for the WMS help center, we agreed to move the code to lefty so it becomes part of the normal release process. We recognized, as an issue, the problem of who and how updates are made to the help content. For example, does all content flow thru lefty as part of an official release? d) completion of the journal export function is scheduled in R4. We're not sure, however, of the impact of installing a new OJS release. Shaun will investigate further, e) the requirements for watermarking are still unclear. Chad and Ron will investigate further. f) there are still several items unassigned. Ron will work with sw_arch to see if we can get these features covered.

4. Handle server. We need to upgrade the handle server to a more reliable distributed model. There are several issues: a) a \$50 license fee - it used to be free, b) we will get a new prefix with the new software - its not clear how to deal with the existing handles, c) in the distributed model, we must agree to resolve other organizations handles when other servers go down. Do we see a problem with this. Sho will investigate further and report back to sw_arch.

5. Other items. Shaun raised the question of the possible purchase of the Adobe Life Cycle product for pdf generation to support ETDs, journals, etc. Many in sw_arch thought that the responsibility of pdf generation should remain with the student. Ron will raise this issue with Ann Montanaro, the ETD project manager.