See below for notes from our Aug. 4 sw_arch meeting. We moved one feature (partner custom portals) to R4.0 and determined our R3.0 release date to the public to be Monday, Oct. 2. The release is expected to be ready on 9/29 but we don't like to release on Fridays. I'll run these items by the steering committee.
Ron
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1. R2.1 release status. The release is ready for installation. All objects with incorrect signatures have been repaired except for one object that has multiple arch files. The signature script will be able to handle multiple-arch objects in R3.0.
2. R3.0 schedule and content. We agreed to move the collection partner custom portal capability to R4.0 (Ron will run this change by the steering committee). We will also implement functional datastream IDs only for the new video object (functional IDs are already in place for sound). Regarding dates for R3.0, we agreed to the following:
- Code freeze, Sept. 8, 2006
- System Test complete, Sept. 19, 2006
- Deliver to Systems, Sept. 20 (systems will install on mss2 for 1 day of sanity testing)
- Deliver to public, Oct. 2 (we expected to be ready on 9/29 but we do not like to make a public release on a Friday).

3. Video content model (object architecture). The following summarizes the issues and resolution including Isaiah's response to subsequent email questions:
- datastream files will be prepared manually (i.e. not part of pipeline function)
- presentation files will be mpeg2 and flash with IDs of MPE2-1 and FLV-1 respectively
- in R3.0, the file size limit on the presentation files will be 1.9 GB. This will be increased to 3.9GB in R4.0 where we will move to 64 bit mode and PHP 5.
- there will be multiple archival masters (ARCH1, ARCH2, etc) resulting from the segmentation of the uncompressed video. The segmented files will be tar-ed manually.

4. Search capabilities and the user interface. Jeffery reviewed notes on the design for improving search capabilities including the following:
- full text searching locates on the page
- a "view hits" capability will be on the summary results
options for ordering results by bibliographic fields such as title, author,

date, etc
- the structure to handle a boolean NOT will be in place and we'll put it into R4.0, time permitting.
- we decided not to highlight the search term in the text because it cannot be done in a pdf document (only djvu) and this would appear to be inconsistent to users.
- we will not do proximity searching - its too compute intensive.

Regarding the user interface, Rhonda and the UI working group will address the following for both NJDH and RUcore:
- default ordering of results
- placement of "view hits"
- general format for summary results, detailed results and the new "view hits" page
- does a full text search include or exclude searching of the bibliographic metadata?
- clarification of the UI for boolean searching and phrase searching, i.e. when do you use AND between keywords. Is a blank equivalent to an AND?

Jeffery and Chad will implement the search and UI changes. Rhonda and group will work to have a UI spec available by Aug. 14.

5. Quick fixes and release methodology. We didn't have time for this one. Ron will pull together an ad hoc team to address release methodology.

6. Handle server up/down checking. We agreed to improve the reliability of this check by verifying that a handle for each handle server works. The handle will just point to a generic web that is found to generally be up (e.g. the Library website). Jeffery will create four handles and let Yang know when they are available.