

Minutes of July 5, 2007 SW_ARCH Working Group Meeting - July 9, 2007.

1. Status of R4.2

Kalaivani reported on the status of the R4.2 release. Testing is progressing nicely with a “full thread” test of ETDs, including submission, export to WMS, review and ingest into RUcore, MARC export, and review of the MARC record in a test version of SIRSI. There is yet some verification of the MARC record required and the confirmation that bugs have been fixed. There are still some 10 or so outstanding bugs in WMS that will require 3 or 4 days of fixing and will likely push the release to the public out to July 24. We agreed that new requirements, represented in some of the bug reports, will be scheduled for the next RUcore release. It is believed that the OCR rpc problem has been fixed. Kalaivani will publish new release dates for R4.2 to the sw_arch list.

2. R5.0 Content and Target Date

We discussed R5.0 possible content with the objective of a code release date in early November and release to the public before the year-end 2007 holidays. The major content of this release includes WMS open source, the PDF server specifically for ETDs, and faculty submissions, several video enhancements including streaming, UI update to how we present collection hierarchies, and investigation/prototyping as to how to handle compound objects (e.g for ETDs). Discussion points included the following:

- We will continue on Fedora 2.1 for R5.0. However, our next release (R5.1) will be a platform only release (similar to how we handled the upgrade to Fedora 2.1). R5.1 will therefore include only the upgrade to Fedora 2.3, 64 bit mode (for large files), and PHP 5.0. The Handle server (Java 1.6) update will also be included. Because of the major platform upgrades, we will not introduce any new features in this release. R5.1 together with the upgrades in R5.0 should put us in good stead to support video (e.g. for the NJVID grant).
- We will install the PDF server in August in the SCC for R5.0 development. We have delivery of both the servers (development and production), however we still don't have the software. Chad will check on the status.
- We will plan to do the OJS export to Fedora in R5.0 and will use the simple model for the journals as opposed to a multi-level collection model with explicit collection levels showing both volume and issue. The reasons for this are twofold: a) we don't yet have the capability to handle compound objects and b) until we (i.e. RUL) decides to proceed with further journal publishing, we should not invest significant effort. As part of this work, we will move all the journals to OJS 2.0 before we begin the export process. This will take some effort in convincing Professors Fishman and Denda to move. Shaun will compile the list of pros and cons and we will then meet with these professors.
- We will add xacml to the investigation effort. This capability is likely to be needed along with ETD supplementary files.
- There was a question about providing Google search capability of RUcore (perhaps by OAI harvesting) in R5.0. Rhonda will take this issue to the steering committee. Certainly faculty would want their collections accessible via Google, however there is a concern some of the NJDH partners might not want their collections indexed by Google.

3. WMS LOC release and Open Source

Yang outlined the strategy for release of WMS for LOC and for our partners. Basically, we will release the WMS (LOC version) in late September (Sept. 1 is code freeze) to both LOC and our partners. This version is stripped of file handling and RU dependencies so it should provide a convenient base for partners to build upon. Yang will provide for both METS and FOXML output from this module. However, we view this as test version for partners and will not buy

back changes they make. The LOC code base will then be integrated into our standard WMS code base (so we don't have to support two versions). This version will then become our open source release and what will be released in R5.0 Yang noted that sw_arch should plan an extensive review of WMS in the September timeframe.

4. Next Meeting

Given that Ron is on sabbatical, Chad will initiate the next meeting. The date for the meeting (if needed) is July 26 (Ron can attend this meeting). Possible topics include the collection hierarchy UI, further discussion of PDF server issues, and R4.2 status. There also may be feedback from the steering committee on proposed R5.0 content.

rcj – 07/09/2007