

SW Arch Meeting Minutes – November 7, 2013

Agenda

- Announcements and Updates
- R7.2.3 Status
- ROA specification
- Content Model Update
- Two mini-specs – NJEDL update and DOI retroactive assignment
- Article version features for R7.4

Announcements and Updates

Everyone felt that TAS had a real good showing at the State of the Library meeting. Kalaivani noted that a software license database is being created to track client and server software. Items purchased through John Brennan will appear in this database, however other purchases should be brought to her attention. It should also be noted that several of us will not be able to make the next scheduled meeting on November 21. As a result, we canceled this meeting and will meet next on December 5.

R7.2.3 Status

We discussed a possible addition to R7.2.3 – the WMS timeout bug. Although the timeout bug is important, we agreed to proceed with 7.2.3 as previously agreed since we did not want to delay the faculty deposit alert message. So, R7.2.3 will include two fixes: 1) the alert when a deposit appears not to complete, and 2) the ETD MARC export of the 035 tag. These fixes will be tested in the next day or so on development and we will then move the fixes to staging on Nov. 13. Quick testing on staging should enable us to push this release out to the public on Nov. 15.

The WMS timeout bug causes users to lose metadata. Debugging efforts have noted that the timeout can occur quickly, within a few minutes, or may not occur at all. Session management issues are the likely source of the problem but we have not been able to reproduce the problem on the development server. Yang will investigate further and propose either a fix or the insertion of code that will help to identify the problem. Yang will propose a code freeze date and we will position the fix in another dot released (R7.2.4) or in R7.3.

ROA Specification

Chad reviewed the ROA specification that provides for user registration and article submission of ROA documents. For registration, we decided to retain the practice of using the email address as the username for login purposes. We also agreed to capture the ORCID id from the user if he/she has one. Chad noted that we will need to migrate some 600 to 700 existing users to this registration system. For submission, it was noted that a single file is typically submitted and can have a variety of types including article, book, dissertation, and conference paper or lecture. For user management, it was decided to only allow an RUcore manager to edit accounts (as opposed to the ROA manager). Regarding the macro architecture, it was agreed to proceed with an architecture similar to openETD where an external application exports to WMS. In WMS, metadata can be updated and then the document can be ingested into RUcore. This architecture is more generic than the faculty deposit model and will be used for other applications such as the OJS journal archive. The ROA features are currently targeted for R7.4

Content Model Update

Ron noted that we have phased the content model update in two RUCore releases – R7.4 and R7.5. Rhonda indicated that we should begin work on a comprehensive data dictionary that will include the definition, labels, file types and other relevant information. Much of this framework is spelled out in Rhonda’s version 1.0 specification. The data dictionary represents a sizable task and, given the different formats, cannot be undertaken by a single individual. We therefore agreed to get started by assigning the data dictionary work for three content models to the following: Analytic – Chad, Moving Image – Isaiah, ETD – Kalaivani. We will review the preliminary specification for these content models at the next software architecture meeting (December 5).

Mini-Specs – NJEDL Update and DOI Assignment

Jeffery provided a brief update on the NJEDL mini-spec to move some 1400 objects from an unattached collection to the primary NJEDL collection. The two updates to the specification from the previous review included the following: 1) the script will be executed on development and 2) an option has been added (“dryrun”) that provides a first pass to be made across all objects with no changes and a report of any issues. For the NJEDL objects, the dryrun feature will test for the existence of replacement files and if they are well-formed. If these tests are satisfied, then the script can be run to replace the appropriate MODS section with a new section that specifies the proper collection identifier.

Jeffery also reviewed the mini-spec for assigning DOIs retroactively. Before proceeding with this assignment, Ron noted that we will need a decision from CISC about whether all resources in RUCore should be indexed in the DataCite Metadata Store. MDWG will bring this issue to CISC in the next meeting. Jeffery will also add the “dryrun” feature to the DOI specification and include the capability to run the script after all of the updates have been made to verify that the assignment has been completed (e.g. by showing how many objects were assigned DOIs).

Versioning Features in R7.4

Yang and Jie reviewed the versioning specification to identify features that could be included in R7.4. We agreed to include updates from the following sections in Jane Otto’s specification: #3 (revision of the deposit form to include the various version selections), #4 (WMS configuration for a new term source), and #5 (insert the cover sheet for journal articles).

Agenda Items for the Next Meeting (December 5)

- Code freeze date for WMS timeout
- Content Model Data Dictionary – Analytic, Moving Image, ETD
- R7.3 Status