

SW Arch Meeting Minutes – May 23, 2013

Agenda

- Announcements and Updates
- Dynamic SOLR Indexing
- User Accounts
- Djvu Applet for Yearbooks
- Content Models – next steps
- Target dates for R7.2 and R7.3

Announcements and Updates

The Northeast Fedora Conference is being held on June 3 at Mount Holyoke College in South Hadley, MA. Yang may be able to attend. Regarding testing of HDLs and DOIs on development, Jeffery will do a mini-spec and prepare a script that will redirect HDLs to the new RUCore URL and will create test DOIs. Note that there are still some HDLs on development that are pointing to mss3. There appears to be an R7.1 issue with the FLV format, especially for large files. Jeffery and Chad will explore extending the timeout interval. Note, this problem existed prior to R7.1 so it doesn't appear to have anything to do with the new version of Fedora.

Ron noted that the Roman Coins project has been approved using the new project application procedure. Regarding the summer meeting schedule, because of vacations we will not have the regular bi-weekly meeting on June 6. If necessary, Chad will convene a sw_arch meeting during the week of June 10. Otherwise, our next sw_arch meeting will be on June 20 and we will then proceed on our regular two week schedule.

Creating Dynamic Fields in SOLR

Jeffery reviewed the specification on how RUCore administrators can dynamically add a new field to be indexed in dlr/EDIT. This is an important feature which allows us to avoid a code release when we need to add a new item for indexing. The specification was accepted with minor modifications to improve the wording on the user interface. Jeffery will update the specification and deliver the code for R7.2 on Friday, May 24, 2013. A new item will be added to the release summary for R7.3 to indicate that an upgrade to the dynamic field capability will be included to provide a more robust implementation using the partner portal system.

Djvu Java Applet for Yearbooks

We reviewed the mini-spec for using the Djvu java applet for the Yearbook portal. The applet provides enhanced full text searching by locating and highlighting the search term in the text, an important feature for alumni who will be searching for names in the yearbooks. It was noted in the

specification that extensive testing on various platforms with different browsers will be needed. This feature is targeted for R7.2

Content Models – Next Steps

Rhonda reviewed the content model data dictionary and an early version of the implementation specification, noting that there are three new content models (3D object, EAD, and Analytic) and four content models to be discontinued: manuscript, record, and transcript will be changed to document and pamphlet will be changed to book. These changes will affect WMS, dlr/EDIT, and statistics. Our first task will be to create Fedora objects for all of the approved content models (Jeffery will undertake this task). All of the appropriate code will have to be updated to support the new content models and will need to continue support of the old models until we can update all the legacy objects. As a first step, Yang will not allow a user to create any of the discontinued models in WMS. We decided to update all code in R7.3 to support the new models. In R7.5, we will map the discontinued models to one of the approved models. These tasks have been noted in the release summary. Rhonda will bring the specification back in for further review in the next sw_arch meeting.

Target Dates for R7.2 and R7.3

In an earlier discussion with Kalaivani, it was decided to hold the release date of R7.2 to July 1, 2013. In the previous meeting, we had shifted the code freeze date because of the time required to test R7.1. Similarly, we have left the public release of R7.3 at August 15, 2013. In terms of R7.2 updates, Yang noted that Region is now a selection for hierarchical geographic metadata. Jeffery is also finishing up the final updates for providing DOI function (similar to HDL functions) in dlr/EDIT. These updates will be available on May 24, 2013. Chad mentioned that we need to determine the status for updating labels. He will check his email archive to help refresh our memories.

Agenda Items for the Next Meeting (June 13 or June 20)

- Content models – continued review (Rhonda)
- User account specifications – identification of specifications and authors (Chad, Rhonda, Ron)
- Further discussion on when to schedule sha-256 updates for legacy objects (Jeffery)
- OCR investigation (Isaiah)