

SW Arch Meeting Minutes – December 18, 2014

Agenda

- Announcements and Updates
- Revisit converting techMD from inline to managed
- dlr/EDIT SSO functional specification
- WMS 1:1 policy
- How to handle PDFs that are restricted
- Meeting schedule for Spring, 2015

Announcements and Updates

DuraSpace has asked us to vote on candidates for the Bronze Leadership group. RUL is a member of the Bronze group (by virtue of our contribution). Ron indicated that there are two candidates and the one most likely to support RUL and RUcore objectives is the candidate from the Art Institute of Chicago which is moving ahead on Fedora 4.0. The only other candidate was aligned with Hydra. Ron indicated he would vote for the Art Institute candidate.

Regarding the update of resources with HDLs to DOIs, it was noted that many 1000s of these objects are being assigned a reserved DOI. The problem apparently has three sources: 1) the object doesn't have a dateCreated - typically a collection object, 2) titleInfo has non-standard attributes and 3) objects with odd dates, e.g. "circa" in the date field. Jeffery will run a script to report out how many objects in each class with PIDs. In our next meeting (or earlier if possible), we will decide how to proceed.

Ron noted that EZID has announced that DOI metadata can now be harvested using OAI-PMH. Also, EZID is beginning to get requests from organizations at Rutgers inquiring about the assignment of DOIs. It seems that it would be a good idea for Rutgers to have one DOI prefix (the one that we use in RUcore). (Note, that Ron and Ryan will be meeting with one individual regarding datasets at Rutgers).

Revisit Converting techMD from Inline to Managed Datastreams

Jeffery indicated that Fedora will not allow us to preserve the dates on the versioned datastreams when converting to "managed". It appears that Chris Wilpur has a script (part of Fedora 3.6) that will allow us to convert to "managed" and preserve the dates. Jeffery and Dave will work out the permissions for running the script on a few objects on the development server. Yang and Jeffery will review the results and make a final recommendation.

dlr/EDIT SSO Functional and User Interface Specification

Kalaivani and Ron reviewed the specification for updating dlr/EDIT to provide for enhanced authentication and authorization. The specification also proposed screen changes for improved clarity and to support SSO. The major issue appeared to be the different vocabulary between this specification

and the SSO specification. In the end, we decided to update the dlr/EDIT SSO draft with the following language change: functions will now be called “privileges” and privileges will now be called “Groups”. It should also be noted that this new dlr/EDIT capability will replace the legacy “authenticate” database. Jeffery will work with the SSO team to develop an implementation specification for the next meeting.

PDF Deposits that have been restricted

Isaiah reviewed the issues with PDF restrictions that originate in various ways. A depositor can inadvertently create a restriction and it is possible that a publisher might add a restriction as part of its processing pipeline. The recommendation is that WMS should detect these restrictions and notify the user that we cannot accept the PDF in RUcore. We agreed that this feature will be used for all PDFs (not just faculty deposits) and it will be implemented in R7.6. Isaiah will propose language for reporting the rejection of the PDF to the user and he will review the language with Rhonda. It was also noted that we should review all PDF resources in RUcore to determine if there are files with these restrictions.

WMS 1:1 Policy

Isaiah reviewed the issues with multiple archival datastreams and directory ingest. These archival masters are becoming more complicated in ways that are not obvious to users, e.g. these masters may include a complex directory with multiple file types where there is a requirement to have only one presentation file (a 1:many policy). For example, large map might be ingested as four separate masters and then stitched together into a single dmaster. The recently approved a Archive content model represents another scenario in which there is no presentation file (a 0:many policy). There are at least two general models for WMS to support: 1) when there is a dmaster, preserve the 1:1 relationship between dmaster and presentation, 2) if there is no dmaster and multiple archival masters, again preserve the 1:1 relationship subject to exceptions. The exceptions include a book with many tiffs in which a single PDF is created for presentation (note that this will also change as we move to the jpeg page turner for documents). Also, as noted above the dark archive would consist of multiple archival masters and no presentation file. Yang will need to rework the file policy approach to handle these new scenarios in R7.6.

In addition to the above policy issues, Isaiah noted that inconsistencies in file ordering can create problems when a specific order is required (e.g. for page turner software and yearbooks). The recommendation is to use the Unicode Collation Algorithm but to also allow the user to opt out of use of this algorithm.

Other Items

Dave will move ahead with the installation of SP3 on development and staging servers. Our next meeting will be on Thursday, January 15 and we will proceed throughout the Spring every two weeks

thereafter (i.e. Jan. 29, Feb. 12, Feb. 26, etc). Aletia graciously volunteered to post these dates on the Zimbra calendar (thanks Aletia).

Agenda for Next Meeting (January 15, 2015)

- Implementation specification for NetID/IP restrictions (SSO team)
- dlr/EDIT SSO implementation specification (Jeffery with SSO team)
- WMS custom form enhancements (Kalaivani) (Do only bug fixes in R7.6)
- Converting reserved DOIs to public
- Pending
 - Converting techMD to “managed” recommendation (Wilpur script)
 - Decommissioning the HDL server
 - Updating xacml policies (per Chad’s investigation)
 - Revisit/clarify our quick fix policy (do quick fixes get a dot release?)
 - Review all PDFs in RUcore to determine if they have restrictions.

rej- 01/12/2015