

Software Architecture Minutes - 8/28/2014

Attending: Ananthan, Beard, Hoover, Geng, Marker, Mills (recorder), Triggs, Yu

Agenda

- 1) Announcements and updates
 - a. Digital provenance report (Marker, Triggs)
 - b. Updating DOIs for legacy objects (Triggs)
- 2) Notification implementation spec (Mills)
- 3) Cover sheet for legacy objects (Triggs, Yu)
- 4) R7.5 - R7.8 release summary (updates from CISC)
- 5) Items for further discussion
 - a. File upload in WMS – the 1:1 rule and NJDH – old and new collections (Ananthan)
 - b. Service pack update (Hoover)
- 6) Pending
 - a. "request a copy" implementation spec

1) Announcements and updates

- a. The digital provenance report that was requested at the last meeting was run. The results are available on software.libraries attached to the corresponding task in the Jobs & Reports project.
- b. Triggs noticed a number of objects on production have either a filename or a publishers DOI in the mods:identifier field. He will create a report of those resources for metadata Working Group to review. That report will include the resource identifier, collection name the resource is a part of and the doi value in question.

Cleanup of resources that need to be purged has progressed. The duplicated NJEDL objects have been purged along with all NJVID objects that were no longer needed. Only 487 VT objects remain. Ananthan will work on purging those.

- c. Ananthan, Jantz, and Marker will decide by Wednesday, September 3rd if the following issues should be patched for 7.4.
 - Mills notified the group of a second bug with the analytic tool which needs to be fixed immediately on the production. The bug does not save any metadata submitted after an ampersand has been used.
 - Yu notified the group of a WMS bug that when the Save & Continue option is used in the Fedora Edit or Template the changes are not saved.

2) Notification implementation specification

Mills presented the Digital provenance user information implementation specification that was requested at the last Software Architecture Meeting. Ananthan and Marker provided the appropriate rulib:identifierType value that should be used when supplying a RUcore SSO userID in the rulib:identifier field. The group also decided for legacy faculty deposits the best course of action would be to create stub user records in the RUcore SSO system which could then be used to provide email addresses. The group approved the specification for publishing.

3) Coversheet for legacy objects

Yu reported he delivered code this week to Triggs for testing on the test system. Triggs has already run a few small tests but will test the WMS cover sheet utility more over the coming days.

To implement and run this code on staging and production two new files will need to be added to the WMS application. No active code will use those files in the 7.4 code base. In 7.5 WMS will begin using these files. Between 7.4 and 7.5

those files will only be used to run this one-time create of coversheets. The group agreed only those two files need to be delivered with a README in order to implement this code.

When running the tests on the test and staging systems it is expected errors will be reported when attempting to create a cover sheet for a resource that has a handle and not a DOI. On production we do not expect to encounter these errors since all resources should have DOI's by the time the coversheet job is run. The timeline for performing this coversheet job is:

- Code packaged and ready for staging by end of the day, September 4th. (Triggs, Yu)
- September 9th results of job on staging are reported. (Hoover)
- September 11th job is run on production system. (Hoover)

Following this schedule all current editing, updating and DOI creation of the legacy objects on the production system needs to be complete by September 10th. Ananthan will inform Otto of the timeline and September 10th deadline.

Marker mentioned a bug with the current coversheets where the journal citation is not included or is incorrect. This bug will not be fixed before running the coversheet job.

Yu mentioned two separate points.

1. In R7.5 a new capability will be needed to remove pages from a PDF. Mills will add this feature request to the PDF server's project in software.libraries.
2. Currently the Rutgers seal used in the background of the coversheet is displaying in the PDF properly. Yu will work with Gonzaga and Mills to troubleshoot the issues which is most likely associated with the PDF server version of Internet Explorer. Internet Explorer is used by the Pdf server to create a coversheet of a webpage rendering of the coversheet.

4) R7.5 - R7.8 release summary

The group reviewed the changes and additions made by CISC. Marker asked to be included on any specification writing for the IP restriction capability. Some member of the group still noted some confusion with the prioritization of the "below the line" items. Most members did like the inclusion of the scoring/priority ranking of features. Mills will share the updates with Jantz and publish an update to the RUCore release schedule web page.

5) Items for further discussion

- a) File upload in WMS – the 1:1 rule and NJDH – old and new collections

The group discussed use cases where a 1:1 archival master to presentation file rule is not appropriate.

Examples included:

- i. A physically large map that requires multiple scans/shots that is later "stitched" together to create one presentation file would have more than one master.
- ii. Very small images, like a coin, which would require multiple masters to include a clear image of the coin and a clear image of the color calibration bar. Neither are obtained in a single shot and require multiple shots.

Ananthan and Beard will create a set of rules and criteria where a 1:1 master to presentation ratio is appropriate and where a 1:1 ratio is not. This document will be presented at the next Software Architecture meeting.

- b) The group discussed the timeline and installation of service pack updates. Hoover will perform a service pack install on or about September 15th on the staging server. After a sanity test the service pack will be installed on the current dev/test system. After more through testing a date will be decided for installation on production.
- c) Hoover announced the new development system is almost ready and he will send an email with account information tomorrow, Friday August 29th.

Next Meeting

Our next meeting is scheduled for Thursday, September 11th at 9:30. Items not covered in this meeting that need to be discussed are:

- 1) NJDH new and old collections

New items for discussion that need to be scheduled are:

- 1) IP restriction to resources, how to begin the process.