

Software Architecture Meeting, Thursday, December 4th , 2008

(Ananthan, Beard, Colonna, Ellis, Geng, Hoover, Liew, Marker, Mills, Nakagama, Triggs , Yu)

Agenda

- 1) Finalize the ETD Content Model Specification (Ellis)
- 2) Review the Shibboleth Specification (Triggs)
- 3) Review the NJEDL Specification (Colonna)
- 4) Relating objects to more than one collection, similar to search terms
- 5) Pending
 - Annotation Specification
 - Darwin Authentication
 - End of Year Money
 - Finalize Thumbnail Specification

General Announcements

RULNET Group

Hoover reported on a new server group, RULNET. Membership includes; I. Beard, A. Bijur, A. Butman, J. Gibson, N. Gonzaga, D. Hoover(chair), S. McDonald , S. Nakagama, C. Sterback. He envisions the group being a "PC Working Group for servers." In no particular order the group will focus on:

- Server Replacement Plan
- Normalizing MAC, Unix, Linux and Windows environments
- Cross Training
- Patching
- Compilation/Installation of software
- Security
- Facilities

ETD Export Update

From the last meeting Ellis, Yu, Ananthan and Hoover worked through configuring and testing the development, staging and production instances of WMS to import ETD's from etd.libraries.rutgers.edu instead of <server-name>.scc-net.rutgers.edu/etd/. The XMLRPC module had to be moved into the ETD document root instead of being adjacent to it as it was in the previous configuration. ETD's through May 2008 have been exported to WMS. Ellis will export October 2008 ETD's and inform the cataloger when this is accomplished. Marker and Ellis will work on creating firm dates for export of ETD's to WMS in the future.

Web Services

Liew informed the group of the Drupal status and his work with implementing the Boost module to increase performance.

Agenda Items

- 1) Investigation Finalize the ETD Content Model Specification

Ellis handed out the ETD Content Model Specification. The group agreed the specification should become a management specification and not a content model specification since ETD's can take many forms; manuscript, video, audio etc. ETD's will use which ever content model is most suitable and this will be confirmed in the WMS after export from ETD by the cataloger. An unresolved issue is what would happen in an ETD is submitted that does not have a suitable content model. If a content model needs to be created the workflow for the creation needs to be resolved. A

dataset content model needs to be finalized, it is suspected it will be used in the near future for supplementary files. Ellis will revise the new management specification and send it to the group for finalization.

2) Review the Shibboleth Specification

Triggs distributed the Shibboleth specification and only a couple of issues. One issue was if there was going to be a published set of vocabularies for "name." Since multiple applications might use this attribute having a published vocabulary will be helpful. Another issue was the chart at the end of the document. This chart needs to be revised to state its purpose and that it is focused on the search application. The structure and location of the .htaccess file was reopened for discussion. For datastreams that are restricted there symbolic links and .htaccess file could be placed in a sub-directory under TMP to distinguish them from non-restricted datastreams. Triggs will revise the specification document.

Next Meeting

The next Software Architecture Meeting is scheduled for Thursday, December 18th at 9:30 A.M. at the SCC. An initial, proposed agenda is below:

- 1) Review the NJEDL Specification (Colonna)
- 2) Relating objects to more than one collection, similar to search terms
- 3) Pending
 - Annotation Specification
 - Darwin Authentication
 - End of Year Money
 - Finalize Thumbnail Specification
 - Renaming handles to use rucore.libraries instead of mss3.libraries.
 - Finalize Shibboleth Specification
 - Finalize ETD Management Specification