

Software Arch 5/26/2011

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

Agenda

1) Updates

- R5.2 testing, bug fixes, staging installation (All)
- Shibboleth on production (Hoover)
- XML-1 datastream addition on staging server (Triggs)

2) Large file support in Fedora and WMS continuation (Marker, et al.)

3) Review handle server migration/move document (Nakagama)

4) Repository downtime, update and information sharing (Hoover)

Updates

A new storage system, servers and tape library have been ordered. The system will have 40TB of usable space and all three environments will be upgraded with new servers; production, staging, and development. A recent CISC meeting the development of goals for the next fiscal year began. Some items that were discussed were:

- Implementation of a new search engine
- Creation of an object integrity tool
- Development of the context metadata object
- Introduction of JPEG2000 and page turning functionality to RUcore
- Assigning persistent handles at the datastream level

Ananthan provided a R5.2 update with regards to testing. Due to some lingering issues and conflicts with a VMC presentation the schedule for rollout to staging then production will move one week back. New dates for rollout in production are from the evening of June 12th into midday June 13th.

Large file support in Fedora and WMS continuation

Discussion continued regarding future support of large files. Beard, Marker and Triggs will be examining what a "useful" file size limit is for the various presentation files we support. Ananthan and Mills are going to test the Cranberry Genome data against the R5.2 code base and find issues when handling large files throughout the cataloging, ingestion and presentation process. Triggs reported he sent glossary terms for the different types of datastreams Fedora supports to Marker for inclusion in a document Marker is preparing on the topic.

Next Meeting

Next meeting is scheduled for Thursday 6/23/2011.