SW Arch Meeting Minutes – August 15, 2013

Agenda

- Announcements and Updates
- R7.2.1 Release
- Authorization/Authentication
- User accounts – scenarios
- Mini-spec for updating legacy object to sha-256
- Mini-spec for transferring Coins objects to production

Announcements and Updates

Rhonda noted that six projects have gone through the project questionnaire process and the process appears to be working nicely. Chad reported on highlights from the recent OR conference, noting that Fedora 3.7 will soon be released and that Fedora 4.0 will be a total rewrite with significant reduction in the size of the source code (largely due to the use of Java libraries). Fedora is looking for people to test v4.0 in the Fall, 2013. We should discuss testing with Grace; it will impact our schedule but we may be able to insure greater compatibility if we participate in testing. Ron will work with Chad to formulate a proposal for Grace.

R7.2.1 Bug Fix Release

We decided to proceed with a bug fix release, R7.2.1 and proposed a code freeze for bugs on August 23. Chad, Jeffery, and Jie will post a list of bugs to the sw_arch list that can be fixed by August 23.

Authentication/Authorization

Chad reviewed his A/A specification and clarified the use of local logins and Shibboleth in R7.3. Basically, local logins will be used for those outside of RU who are seeking access to various resources (e.g. Optimality). Shibboleth and LDAP will be used for RU authentication and authorization. As we move to user accounts in R7.3, we will need to decide when to use http secure. Chad's specification recommends that we implement HTTP Secure site wide. Also, we still need a specification on Grouper Jr (LASY – Local Authentication SYstem or Guppie, i.e. another fish name were suggested as alternates). Yang will do the specification and we will begin to discuss the approach in the next meeting.

User Accounts and Scenarios

Ron reviewed a Roman Coins scenario; Rhonda and Aletia will bring in scenarios for Faculty Deposit, Optimality, and Research Data for the next meeting. The scenario for Roman Coins dealt with students using the Analytic to comment on various coins. Several issues were resolved, notably 1) students will not need to have user accounts to use the Analytic and 2) anyone within RU can use the Analytic. There was considerable discussion regarding the collection structure for Analytics that were

intended to be deposited in RUcore. The recommendation was to have one collection of Analytics for Roman Coins, i.e. collection for each course would not be necessary. However, it would be important to record the course number in metadata in case a user was looking for Analytics from a specific course. Finally, we decided that manual intervention would be used initially to ingest the selected Analytics into RUcore.

Mini-Spec for Updating Legacy Objects to sha-256

Jeffery reviewed the specification for updating checksums and unpacking tar files for the photograph content model. We tentatively agreed that chunking the some 10,000 objects into groups of 1000 for updating would provide the best approach. (In a subsequent analysis, Jeffery has shown that these groups of 1000 take about 1 hour of elapsed time on the development server.) We also agreed that Jeffery should run the process on all photographs on development before we proceed to do the update on production. Dave will probably start by just doing an update of some 20 objects and then proceed with the chunks of 1000. Finally, we asked Jeffery to produce a summary report that allows one to easily scan the results of the update and identify any problem areas.

Mini-Spec for Transferring Roman Coins to Production

Ron reviewed the specification for transferring some 29 Roman Coins objects to the production server. This process is basically the same as what was used for transferring the JPE videos. One difference is the creation of DOIs. Jeffery's filter will remove both HDLs and test DOIs from the object metadata and assign permanent DOIs on ingest. Note also that there was a typo in the specification: "exportobj3" is to be replaced with "restingest.php". In the next several weeks, Anna Klose will provide Jeffery with the Fedora IDs for the 29 objects to be transferred.

Agenda Items for the Next Meeting (August 29)

- Multiple versions of articles (Jane Otto)
- User account specification with scenarios (Rhonda and Aletia) - continued
- Discussion for Grouper Jr - or Guppie or LASY (Yang)
- Yearbook Portal and jpeg page turner (Chad)
- Bug review for R7.2.1 (Chad, Jie, Jeffery)
- Pending
    - OCR investigation (Isaiah)
    - Repair 4 video signatures

rcj – 08/29/2013