

## **SW Arch Meeting Minutes – September 12, 2013**

### **Agenda**

- Announcements and Updates
  - R7.2.1 Update
- User accounts – scenario for Optimality
- Update to the Spec for Transferring Coins to Production
- Status of the Yearbook page turner
- Re-sizing thumbnails
- Mini-spec for updating legacy object to sha-256

### **Announcements and Updates**

Testing on staging for R7.2.1 is complete. We will ask Dave to install on production either Sunday evening (Sept. 15) or early Monday morning (Sept. 16). Given minimal downtime, we will not put out an announcement to users.

### **User Account Scenario for Optimality**

Rhonda presented the scenario for users of the Rutgers Optimality Archive (ROA), many of which will be external to Rutgers University. The login scenario for both Rutgers and non-Rutgers users was presented. It was noted that we may be able to use the administrative data from the existing ROA site which is on an SAS server. As part of the discussion, we clarified several related items. It is expected that an Optimality deposit will have to be mediated by an RUcore administrator. The ETD architecture and Faculty Deposit will both be examined as possible models to use. Also, our objective for R7.3 is to put in place the components to support A/A; ROA deposits will be handled manually until we provide the user interface subsystem in R7.4.

### **Update of the Spec for Transferring Roman Coins**

The specification for transferring 29 coin objects from development to production was reviewed and approved in a previous meeting. However, there is one remaining issue regarding how to handle B.C.E. dates. Prior to R7.2, we were entering negative dates for dateIssued; these dates enabled proper sorting. However, the standards imposed by EZID do not allow negative dates and as a result, the DOI is registered as “reserved”. The MDWG is investigating and will propose a solution; Ron will contact the EZID list and ask if there is an acceptable way to handle negative dates.

As a work-around in order to move ahead with the Roman Coins transfer, Jeffery’s script will change the negative dates to positive in order to ingest on production and produce a public DOI. The text (e.g. 200 B.C.E.) will be entered in the dateOther field. The part-timers working on Roman Coins will change the negative dates back to positive on the production server. At the time of an MDWG recommendation, we will update all of the dates for the coin objects on production.

### **Status of the Page Turner for Yearbooks**

Chad reported on the status of the Yearbook pageturner. Code freeze will occur by September 23 and we plan to finish testing on development and staging by October 4. We should be able to provide the yearbook release (R7.2.2) to the public on October 7.

### **Re-sizing Thumbnails**

Chad reviewed the proposal for re-sizing thumbnails including various statistics on file sizes for thumbnails at 200 and 220 pixels. There are significant advantages to moving ahead on this proposal. If we use a 200 pixel thumbnail, we will not have to create images of the fly for the full record view. For the brief record, we can re-scale images using CSS. Also, using the 200 pixel thumbnail will allow us to produce a very nice gallery view for various portals including maps, Roman Coins, and others. Finally, before we introduce the larger pixel size, we must check with Janice regarding fair use issues. For example, there are several restricted posters in the Women's Global Leadership poster collection. Would a 200 or 220 sized thumbnail enable a user to download the thumbnail for a restricted poster and obtain a decent quality image? Chad will run the proposal by Janice.

### **Mini-Spec for Updating Legacy Objects to SHA-256 and Unpacking Tar files**

In a previous meeting, Jeffery reviewed the specification for updating legacy objects to sha-256 and unpacking the associated archival master tar files. Clarification and updating was required to address two areas: 1) real time estimates for processing approximately 1000 photographs and 2) generation of a summary report indicating success or identifying the source of failure for objects that can't be updates.

Jeffery reviewed the times for processing several batches of 1000 photographs on development; the times ranged from 44 minutes to 88 minutes with an average of 59.6 minutes. He also reviewed the summary report which shows successful objects, failed object, and "unnecessary objects". The "unnecessary" category might better be labeled "already updated" or some similar phrasing. Jeffery will also add a flag which will also list the Fedora IDs.

### **Agenda Items for the Next Meeting (September 12)**

- Multiple versions of articles - continuation (Jane Otto)
- User account specification with scenarios (Rhonda - FD and Aletia) - continued
- Review of the Grouper Jr. (aka guppie) specification
- OCR, JRA Publish proposal (Isaiah)