Software Architecture Working Group
Minutes – January 14, 2016

Present: Kalaivani Ananthan, Isaiah Beard, Jie Geng, Dave Hoover, Ron Jantz, Rhonda Marker (recorder), Chad Mills (chair), Jeffery Triggs, Yang Yu
Excused: Aletia Morgan

1. Announcements
   Jantz is returned from sabbatical.
   IIS is working on CAS authentication. RUetd will be migrated by the end of January.

2. Release 7.7.1
   This release will include
   - package download bug fix (search/display)
   - cover sheet custom wording fix (WMS)
   It will be put on the test server tomorrow (Jan 15). Hoover will put it on the staging server on Friday afternoon (Jan 15) or over the weekend, to be tested the week of January 18. It is scheduled to be put on the production server the week of January 25.

3. Release 8.1 requirements
   The specification deadline is February 11
   This release will include
   - ABBYY OCR/PDF server (needs test plan documentation; Beard et al. will draft this based on the Analysis document)
   - Tagging in RUanalytic with CSV export support (specification complete)
   - Still images (Hi-Res) in analytics (specification under review by CISC)
   - EAD-WMS automatic ingest of resource objects and creation of DAOs (lacks specifications; Jantz will ask users for a requirements document)
   - WMS support for external relationships (RELS-EXT) (lacks specifications; Ananthan, Lin, Marker will bring high level specifications)
   - WMS file handling, validation, and metadata extraction with Exif and MediaInfo (specification status unclear; Beard will review/update earlier specification and distribute); the file handling and validation are already done in the WMS
   - Standards and guidelines for metadata and facets (not clear if this is code related; we are developing facets for ETDs, Roman Coins, Krueger Scott)
   - Upgrade of dynamic SOLR indexing using the partner portal code (status is unclear; Mills and Triggs will discuss before the next meeting)
   - User report enhancements to validate object in dlr/EDIT (lacks specifications; Jantz and Triggs will write specifications for the next meeting)
   - Refactor Perl code to PHP (no specification required; Triggs is coding)
   - WMS database update per the MODS schema (move to Release 8.2)
   - High resolution images and page turner for all multipage documents (no specification required))
   - IJS transcript support using JPEG2000 (remove from R8.1 task list; Beard has uploaded objects with SWF pages)
   - Develop schema for technical source, and rights metadata (no specification required; Yu is coding)

- Collection management user interface (on hold until after the Fedora upgrade)
- Google site map generation (reviewed specifications, minor edits)

4. Release 8.0 planning
   Fedora 3.8 upgrade and Service Pak 4, Version 5.6: Hoover will install these concurrently, following the RUcore R7.7.1 two week "soak" period.

5. Jobs and reports
   - Triggs reported that the last 17 techMD datastreams to move from internal to managed content were completed manually. That job is finished.
   - RARCH datastreams added to object as ARCH (managed content): will use command line script on a rolling schedule. Beard will check using virus scan software. Triggs ran sha256 to check integrity. They will test an example on rep-test. Once this is fixed, we can return to "un-TAR-ing" our archival master files.