

## Sw Arch Meeting - February 11, 2016

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

### 1) Announcements - All

Chad noted that the January 26th Cabinet meeting said that SOAR is now a high priority and will have an impact on other digital projects. Cabinet said 8.1 can go forward, but 8.2 may need additional approval. Rhonda is attending weekly cabinet meetings this month for Grace.

### 2) 8.1 specification finalization - WMS – File handling, validation and metadata extraction - Beard

Isaiah reviewed the final specs. Exiftool will be used for all common types. Metadata librarians will have the option of over-riding or discarding output generated by Exiftool. Yang noted that if people re-edit an object with Exiftool-assisted metadata, it will be difficult to tell what information came from Exiftool and what was user supplied. Rhonda suggested a simple accept or reject option for catalogers at the time of upload. There will be a new feature in dlr/EDIT to run Exiftool on a given datastream in Fedora. Any new mappings from Exiftool output to WMS will need to be done manually for additional file types. Isaiah has supplied the initial mappings for the most common file types. Isaiah will create a tracking issue in software.libraries. Yang noted that Exiftool sometimes outputs different creation dates for the file and application creation dates. Isaiah will revise the mapping.

### 3) 8.1 specification review - WMS support for external relationships - Ananthan, Marker

The necessary relationships are being reviewed by Kalaivani and Yu-Hung. Rhonda would like to set up a meeting with developers to work out the details. We may want to combine certain functions in WMS and dlr/EDIT. More work needs to be done deciding on the proper metadata, as well as the needed process. Since it doesn't have a direct user impact and may not be ready in time to go into 8.1, we recommend moving it to 8.2.

### 3a) Other business concerning 8.1.

The WMS plans to adopt SSO, but there probably isn't time to do in 8.1, and it may not be a priority. It may only be necessary to register apps that are not yet CASified.

### 4) 8.1 review & planning - All

We are on target for 8.1. We will review 8.1 and come up with a plan for code freeze and schedule at the next meeting. Yang will work on the XML schema for technical, source, and rights metadata sections in 8.1.

### 5) 8.0 planning; Fedora 3.8.1, PHP upgrade - Hoover, et. al

Dave Hoover plans to start to do the upgrades early next week on staging. SP4, PHP 5.6, and Fedora 3.8.1 will be done at the same time. We will also need the most recent version of ImageMagick (6.9.3-3). We'll work on dev after we test staging.

### 6) PHP cookie settings on repository environments. Refer to emails being sent this week. - All

We have been seeing redirect loop errors on CASified projects. The RUcore domain cookie has been clashing with other CAS interfaces. Removing the setting fixes the external problem, but leads to potential issues for users in non-rucore domains. The issue may be more complicated than this. Other services may have such issues too.

### 7) Jobs & Reports - Triggs

Jeffery and Isaiah will work on creating a script to add PDFs and ARCHs to objects that did not have them. Dave will begin to implement the scripts to convert RARCH videos to managed content. This is the last barrier to untarring the old ARCH1 tar files. We will need to search for and deal with a handful of old multiple tar videos.