

Attendees

Ananthan, Beard, Geng, Hoover, Marker, Mills (recorder), Morgan, Triggs, Yu

Agenda

- 1) Announcements
- 2) DOI Postmortem - metadata update
- 3) R7.4 Development Check
- 4) R7.4 EAD Development
- 5) Current Technical Issues
 - a) File upload - tar files, videos
 - b) Directory(dir) file upload
 - c) Review file naming in WMS
- 6) Service Pack and MySQL updates
- 7) Virtual machines for solr facet & test RUcore instance
- 8) R7.5 Specification review
- 9) Next Meeting

Discussions

1) Announcements

- RUL Help, starting July 1st anyone with a Windows domain login can use the system to request help, virtual machines, etc. Web address is <http://rulhelp.rutgers.edu>
- PDF server, a recent issue with the development server required a reboot to fix, however the RUL monitoring system didn't report an issue at the time. Ananthan will check how the PDF servers status is being monitored by IIS.

2) DOI Postmortem - metadata update

1902 objects were processed and 78 had issues and couldn't have their status changed from "reserved" to "public." Of these 78 a majority were collection objects. Triggs will provide a list to MDWG of resources that had issues that were not collection objects. The resource list will contain the objectID and collectionID related to the resource.

Given that a majority of the objects that had issues were collection objects the group debated whether creating DOI's for collection objects was necessary. After some discussion it was decided that DOI's for collection object does have a practical use and the policy should continue. MDWG will work on developing the metadata required for collection resources so that they meet the metadata requirements of our DOI provider.

The dry run of the DOI metadata update script didn't uncover the 78 issues that were seen when running the script in write mode. In the future the API that is used to manage our DOI's will add a switch to enable a deeper and more thorough testing when running these types of scripts in a read-only or dry run mode.

Mills will re-run a date reporting script that was run two years ago and provide MDWG with the results.

3) R7.4 Development Check

- All developers; Geng, Mills, Triggs, Yu, reported they were still on course for code freeze on Monday June 30th.

4) R7.4 EAD Development

- The EAD group met earlier this week. Adding simple EAD ingest and viewing in R7.4 is on course. Some outstanding issues include:

- a) Test collections/portal need to be created
- b) Importing test EAD's into WMS using the MARC import feature.

5) Current Technical Issues

a) File upload - tar files, videos

Video file uploads have been performed using the TAR archival option. This practice needs to end and the source video file needs to act as the archival master. Several new archival video file formats might need to be added; mp4, mov etc. These formats have already been added to the policy in WMS. The digital curator will be consulted when a new archival format is needed. If this format meets the curation guidelines then the WMS application manager will add the new format to the WMS file policies.

In preparation of the content model merging/cleanup existing file policies for content models that will remain can be configured. An example was the Manuscript content model. Currently the file policies for this content model offer more options than the Document content model; which is replace the Manuscript content model.

b) Directory(dir) file upload

Currently there is an issue when uploading a large number of files. File size is not the issue, just the quantity of files. In WMS the large number of files causes a argument length issue. Uploading files in a DIR will address the issue but WMS does not create a technical MD section for each file in the DIR. Mills will enter an enhancement request in software.libraries for a future RUCore release.

c) Review file naming in WMS

A new feature will be added in WMS R7.5 to display the original file name on screen when using WMS instead of the file name generated by WMS. WMS will continue to internally use its own file naming convention.

6) Service Pack and MySQL updates

Two weeks after R7.4 release SP2 will be installed on the staging server. After testing and if it is determined the upgrade went well rep-devel will be upgraded. After testing and if it is determined all went well installation of SP2 on production will be scheduled and performed.

Hoover recommended that the developers look at the version difference for MySQL between SP2 and SP3 before scheduling the SP3 upgrade. The development group will report back if they think the upgrade will require additional development time to support.

7) Virtual machines for solr facet & test RUCore instance

The new virtual machine instance will be used for a new development environment. This new development environment(rep-dev/rucore.dev.libraries....) will be ready by Aug 1st. At that time the developers will provide Hoover create script for the MySQL database that are being created. That breakdown is as follows:

- WMS (Yu)
- Analytic (Mills)
- Authenticate (Triggs)
- Dircollections (Triggs)
- Fedsearch (Indexing will rebuild this database)
- Portal (Mills)
- Relationship (Mills)
- sso_prod (SSO dev team)
- stats_prod (Geng)

Once the new development instance is in place the current dev/test server will be used exclusively for testing. The developers will move any development code from this machine to the new development server. The developers will build a small, but diverse, set of objects for development purposes. Under this new server paradigm developers will install code onto the test server at code freeze. Developers do not have root access on the development server, they will work with the server admin when necessary.

For 7.5 testing on the rep-devel server the directory structure for Apache will change to align it with the rest of the machines. The developers will work with the server admin when preparing r7.5 code for testing to ensure the alignment is completed properly.

8) R7.5 Specification Review

Skipped, the group did not have time to discuss.

9) Next Meeting

The next meeting is scheduled for Thursday, June 19th at 9:30 AM.