

Minutes of July 23, 2009 Meeting

Agenda

1. Quick updates and Announcements
2. R5.0 Status
3. Launch of software standards ad hoc group
4. Results of PDF tests
5. License document update
6. Review of R5.1 schedule
7. R5.0 celebration date

Announcements and Quick Updates

We have had two NJVid training sessions – one for WMS and metadata and the second one for RUcore management software (dlr/EDIT). Ron will begin the process for the next session which will focus on installation and configuration. It was also noted that we will add new ID types to the statistics report including flv, mp3, and mov. In addition, we proposed the addition of a new ID type for medium size jpegs, to be identified as “JPEG-1M”. This type will also be added to the statistics report.

R5.0 Status

Basically, we are ready to go for release of R5.0. Kalaivani has signed off on testing on mss4 and mss2. The following are final changes that were noted:

- On upload of large files, Isaiah will need to change the permissions, after upload.
- Given some confusion about settings in php.ini, we decided that these settings will be added to the configuration document and reviewed as part of each release. See Attachment 1 below for the settings (as provided by Dave to synchronize mss3 with lefty64). In addition, we decided that both lefty64 and mss3 would set argv/argc to “on” and allow_url_include to “off”. Jeffery will update the configuration document to reflect these settings.
- Dave and Chad need to make some final updates and we should be public on Friday (7/24). Isaiah will send out a notice that we have moved from read-only to release R5.0.

Launch of Ad Hoc Software Standards Group

Per our R5.0 release summary, we had previously agreed to launch an investigation into moving Perl based code to PHP and abandoning java bridge. Sho also proposed that he group examine a change to the use of “put” rather than “post”. These standardization efforts can simplify our configuration process. Chad, Jeffery, and Yang will participate in this group and Chad will act as convener. Others are welcome to join and can do so by emailing Chad and Ron. The group should identify opportunities,

problems, and make a recommendation. Assuming we go ahead with the changes, the group should estimate effort involved and if the changes can be scheduled for R5.2 – year end 2009 release.

Results of PDF Tests

Kalaivani indicated the results of her PDF tests, specifically related to creation of the XML-1 datastream for full text searching. The bottom line – in tests of both faculty deposit with one or two Word documents, the xml datastream was not created. Kalaivani indicated that she has yet to finish the ETD testing. Yang will plan to implement the required changes in R5.1 with assistance from Jeffery.

License Document Update

In informal discussions with Sandie Miller and Grace, Ron reported the following regarding the handling of license documents for NJVid:

- There will be one generic license document between NJEDge and the commercial vendors.
Basically, the document will be the same with a different signature page for each vendor.
- There will be one generic license document between each institution and the commercial vendor.
These documents do not reflect specific videos that have been licensed.

As a result of the above, we should be able to handle license documents for NJVid by using existing capabilities. For the NJEDge-Vendor agreement, the license document can be associated with the collection object via the standard approach which used the “relatedItem” field in MODS. The collection and license document would be restricted through a custom portal. For the institution, we concluded that all commercial videos could be in one collection, the collection created through the use of the dynamic collection capability. The license document could be attached to the institution’s collection object and restricted via an xacml policy. All these capabilities exist in R5.0 so we should be able to handle the license documents appropriately. Ron will update the specification and ask both Sandie and Grace to review.

Review of R5.1 Schedule

We reviewed the R5.1 schedule. All software developers concluded that they could meet a September 1 code freeze date. Because of planned vacation, Jie will finish her code by August 21. In addition, there are three capabilities that will need to be completed in September that do not need to be linked to the software release.

- Jie will develop the xacml utility to update objects from faculty deposit or ETDs that require an embargo date. Jie will plan to deliver the utility either before vacation or by mid-September (so it can be tested along with R5.1).
- In support of the NJVid installation, we will need to transfer the some 47 videos in RU core. The basic process would be to create the collection objects via WMS and then develop the script that

would replace collection IDs and other RUCore dependencies. Jeffery will produce a specification for the script.

- In accordance with the thumbnail specification, we need to update jpegs and thumbnails. WMS R5.0 will create the proper jpeg datastreams from the tiff files. In WMS R5.1, the thumbnail datastreams will be created with ID = "THUMBJPEG-1" It looks like the best way to do the update is to have two passes as follows: a) in a pre-R5.1 pass, a script can be written that will update all the old jpeg datastreams, and b) in a post-R5.1 script, all datastreams with a jpeg and no thumbnail can be updated by adding the thumbnail datastream. Jeffery will develop the script to handle the update.

R5.0 Celebration Date

We agreed to hold the R5.0 celebration on August 6, i.e. as part of our next sw_arch meeting. However, we need to change the time from 9:30 to 1:30 because of possible conflicts with interview schedules.

rcj - 07/027/2009

Attachment 1

Settings for php.ini

max_execution_time = 300 ; Maximum execution time of each script

max_input_time = 300 ; Maximum amount of time each script may spend
parsing request data

post_max_size = 24M

upload_max_filesize = 512M

httpd.conf for dwms

<Directory /home/httpd/html/dwms>

php_value max_execution_time 1800

php_value max_input_time 1200

php_value post_max_size 512M

</Directory>

Parameter Settings

allow_url_include Off

register_argv/argc On