Software Architecture Working Group   **May 24, 2010**

Minutes of May 13, 2010 Meeting

Agenda

1. Updates and Announcements
2. Review of R5.2 release content
3. Relationship services to support annotations
4. Collection metadata
5. Updates for faculty survey/NIH submissions

Announcements and Quick Updates

R5.1.1 provided an update of metadata tags for Google Scholar. We'll need to verify that the added tags are resulting in proper indexing (Jeffery will investigate). The prototype data portal is coming along quite nicely with work by Chad (portal), Jeffery (managing relationships) and Kalaivani (WMS configuration). Ron and Ryan have added 3 compound data objects which will be used as a demonstration tool at the IASSIST conference in early June. This is also an early demo alert. Regarding portals, Jie will be undertaking the ETD department portal work based on the model that Chad developed for SC&I. Per an earlier email from Grace, we need to put an SPCOL portal in place. Jeffery will develop the portal (based on similar portals available now) and he will work with Rhonda, Kalaivani, and Linda regarding search options and the front page look and feel. Dave brought up a pressing issue regarding storage management on mss3, specifically related to the tmp-upload area. He indicated that this area is 75% full and the WP Messenger is taking up a big chunk. After considerable discussion, we decided to reinvigorate the storage management team of Kalaivani, Isaiah, and Dave to develop a process and supporting scripts to help us determine when we can delete files from the tmp-upload areas. Rhonda will provide immediate relief by deleting files related to the Messenger. Regarding our open source products (openETD and openWMS), Kalaivani noted that we should be ready in May to enable public download of these products. She also noted that openMic has over 100 downloads.

Review of R5.2 Release Content

Ron indicated that Grace has asked us to deliver annotation this summer in order to meet our commitments to NJVid. In an off-line discussion with Chad (prior to his vacation), he indicated that he could meet a code complete date of June 30 for an early version of the annotation capability. After much discussion as to what should go into R5.2, we decided to minimize the content in order to reduce testing effort, basically taking the software that is ready by June 30. The end result is that we decided to provide the following in a version now to be identified as R5.1.2: 1) annotations, 2) statistics api and management interface, 3) relationship services to support annotations including the indexing of the annotation, 4) installation of the "root" node for the repository, and 5) configuring shibboleth on mss3 to support annotations. We determined that, at this point, there were no high priority bugfixes that needed to be included. The revised R5.2 will have a code complete data of August 31 and we will target the release for the September/October timeframe.

Relationship Services

We agreed to provide relationship service support for annotations in R5.1.2 including the management utility (dlr/EDIT) to create, edit, and delete relationships. Sho noted that the Fedora API function for deleting relationships does not work and is supported in Fedora 3.3. (Note: In a post-meeting test, Jeffery verified that we can easily develop a work-around that deletes the RELS-EXT xml for a relationship. This action also regenerates the resource index). It was noted that there will be no changes required of WMS in R5.1.2 to support relationships. We did not review the relationship service API in detail and will cover it briefly in the next meeting.

Other Items

We agreed to review the collection metadata and associated WMS configuration capability as part of R5.2. We will also address the submission to faculty survey and NIH as part of R5.2

Agenda Items for the Next Meeting

- Configuration changes for R5.1.2
- Review of bugfixes required for R5.1.2
- Relationship services API architecture
- rights-event/document linking
- Storage management on mss3/lefty64 (specifically tmp-upload area)

rcj – 05/24/2010