Software Architecture Meeting, Wednesday September 19th 2007  
(Ananthan, Beard, Ellis, Geng, Jantz, Liew, Mills, Triggs, Yu)

Agenda

1) R4.5 specifications updates
   - group authorization
2) OJS export and object architecture issues with export. Where does the OJS collection structure fit in RUCore?
3) Installer for WMS upgrades
4) Faculty Deposit Questions from Rhonda:
   - How do we get someone (faculty) set up for two collections? Many faculty have joint appointments in two difference departments. How do we get their work associated with both collections?
   - What do we do with a department collection when the departments are reorganized? (E.g., recently FAS changed to SAS. Thankfully, that was before we ingested any FAS/SAS collections, but there will be reorganizations and re-naming of departments in the future.)
   - Related to that: how often will the LDAP list be updated? I believe we are planning to have a meeting w/ the LDAP staff at OIT to get information that will help us answer this question.
     (Currently, SAS is represented in RUcore and the Faculty Deposit services as FAS.)
5) Multiple Instances of Source and Technical Metadata from MDWG.
6) Handle server, single handle pointing to multiple objects

General Announcements

- VT has 100 objects in their collection at this time. They will be adding another 100 over the next week using WMS batch. Source Metadata was hidden from the end user view of a full record on their request.
- Scheduled for October 1st is a conference call with the first round of prospective collaborators (Penn State, Northwestern and Princeton) to discuss the WMS Open Source rollout and the schedule for that.
- RUcore will be going live on October 1st. This means a link will be added to www.libraries.rutgers.edu main page referencing RUcore. Recently website changes have been submitted to the website and the revision is almost complete.

Agenda Items

1) R4.5 specifications updates - group authorization
   A specification document was submitted of group authorization definitions in dlr/EDIT. It was recommended that a fourth class of users be created called General User that will only be able to check statistics reports and validate objects. A link will be added in Faculty Deposit that will direct a logged user to their collections statistics. The link will be specific to the logged in users collection and not include other collections statistics. A revised document with the proposed changes will be distributed to the group.

2) OJS export and object architecture issues with export. Where does the OJS collection structure fit in RUCore?
   The Australians are working on creating a OJS export tool to METS, it was thought it might be a slightly different flavor of METS that complies with Australian standards. Initially it was thought that OJS exports would bypass WMS and go directly into the repository. Ellis presented the idea that he instead create a generic export tool from OJS that would create valid METS. The exported
valid METS would then pass through WMS and into the repository. The OJS export tool would then not be Rutgers policy specific and could be shared with the OJS and Fedora communities at large if found suitable candidate. Yu mentioned if OJS were to pass through the WMS he would need approximately one week development time to implement this feature in WMS. It was agreed the additional week would be added to the calendar for the next release.

The proposed OJS collection structure will be the following:

```
Rutgers University Libraries General Collection
   ↓
   OJS
      ↓
      PCSP
         ↓
         Journal
      ↓
      JRUL
         ↓
         Journal
      ↓
      EJBE
         ↓
         Journal
```

OJS, PCSP, JRUL and EJBE would be collections and the Journals would be the individual editions represented as objects.

3) Installer for WMS upgrades
This discussion will be held off until more knowledge is gained from the current WMS Open Source development. The meeting to discuss the installer and the WMS Open Source architecture will be scheduled for the first week of November.

4) Faculty Deposit Questions
It was decided that a faculty member will only be permitted to have one collection at this time. The different types of workflow regarding a proxy faculty user and how to associate a singular faculty collection with multiple departments will be explored with Marker by Ananthan and Triggs. Together they will all write a specification document covering all of these questions and concerns and the changes will be scheduled for a release after R4.5.

5) Multiple Instances of Source and Technical Metadata from MDWG
DNG, Video and Audio objects will require multiple source and technical metadata sections for each of their respective creating applications. The underlying architecture exists for this in the WMS 2.0, the open source version, however the front end display will need to be developed by Yu. This is on schedule for R4.5.

6) Handle server, single handle pointing to multiple objects
Skipped until next meeting.
Next Meeting

The next Software Architecture Meeting is scheduled for Thursday October 4th at 9:30 AM in the Heyer Room at the SCC. A proposed agenda is below:

1) R4.5 Specifications deadline.
   - Expected outcome, all specifications will be submitted and reviewed and a code freeze date for R4.5 will be established.
   - Collection Hierarchy display and searching specification
   - PDF Server implementation specification
2) Handle server, single handle pointing to multiple objects
3) Digital Docs/Administrative Space R5.1 Specification Review