

## SW Arch Meeting Minutes – March 13, 2014

### Agenda

- Announcements and Updates
  - DC Area Fedora Conference
  - Statistics testing
  - Request for two VMs
- R7.3 status
- Faculty Deposit Specifications (notification and cover sheet)
- User report/validate object specification
- System updates

### Announcements and Updates

Ron attended the one-day DC area Fedora conference. Duraspace has 326 "registered" users of Fedora, including a most recent one - the Iraqi Defense Department. Fedora 4 will be available in beta this July and we should consider testing this version. Major new capabilities include more fine-grained versioning (object level now), improved large file performance (1 TB file ingested), transactions and group authorization. A "clustering" capability is intended to provide multiple, parallel paths for ingest to enable much higher ingest throughput.

Ron also reviewed his testing of two statistics scenarios – total number of objects and total downloads. The discrepancies we are seeing are primarily due to the different methods for counting objects. For example, the Fedora database search counts every object (including Fedora content models). It appears that once we resolve the differences, the counts are pretty close. We decided on two actions: 1) to make sure that Analytic objects are indexed and 2) to do a purge of the Virginia Tech objects. With the bug fix in R7.3, Ron will run these tests again to make sure we are getting the correct counts.

A request was sent to Tibor for two additional virtual machines – one for continued Fedora/SOLR/content model experimentation and one for Roman Coins portal development. In subsequent discussion, Dave raised the possibility of merging these two VMs. This looks like a possibility and will be pursued.

### R7.3 Status

Kalaivani reviewed the testing status for R7.3. We are packaging the Faculty Deposit architecture change in 7.3 to address the “hang” problem. Ron did 16 tests to try to reproduce the “hang” and only the first one failed. With more flexibility in WMS file uploading, we will need to make it clear that new presentation files may be needed when new master files are uploaded. Rhonda mentioned several confusing scenarios including the “upload more files” message. In general testing is going quite well including SSO for different types of users. Rhonda points out that retired faculty only get "retired" status rather than "emeritus" and they cannot deposit through their netids. Yang noted that UMDNJ is currently not in the department list. UMDNJ deposit is planned for R7.4. At present, any UMDNJ deposits will be placed in a “blank” department.

There are still some active bugs outstanding for WMS and dlr/EDIT and Isaiah will check with Linda regarding testing of NJEDL and NJDH. We hope to finish development testing next week and the proceed to staging. If no major issues are found, we should be able to hold to our target release date of March 31.

### **Faculty Deposit – Notification and Cover Sheet**

Jane reviewed the notification specification which deals with notifying the depositing author, the depositor, and the collections manager of specific events (ingest complete, “most downloaded”, and end of the publisher’s embargo). Jane will update the specification to address the clarification of the messages (e.g. we don’t want to imply that articles will be available immediately in Google). We will need an implementation specification that addresses three issues:

- Should we use the existing notification process in dlr/EDIT or should notifications be dealt with in WMS?
- Do we need a queue or history file for cases in which we don’t want to provide an immediate notification.
- We need to make sure the download statistics are credible. How do we deal with BOTs?

### **RUcore Statistics**

We had an abbreviated discussion of RUcore statistics. The major issue has been to reconcile differences in the public statistics reported and statistics function in dlr/EDIT. Chad suggested that the bug fix in R7.3 is likely to fix many of the problems. Ron will test the statistics function in R7.3.

### **Specifications for R7.4**

We agreed to the following assignments for R7.4 specifications:

- User reports/validate object (Jeffery – scheduled for March 13 meeting)
- Notification and items 3,4, and 5 from Otto spec (Kalaivani – scheduled for March 13 meeting)
- Threaded discussion for Analytics (Chad)
- Wowza implementation (Chad)
- Generate cover sheet with citation (Ron – based on Otto specification)
- FD virus scan with Clam (Rhonda and Jie)
- ORCID id in MODS (Rhonda with MDWG)

### **Other Items**

Kalaivani suggested that we re-examine the proposed releases to make sure we can complete the OA/FD updates during this calendar year. For example, we might pull all of the OA related updates from R7.5 and put them into a new dot release, R7.4.1. This would suggest we deliver R7.4 in late summer and R7.4.1 in late Fall. We’ll continue the discussion as we progress with our development process.

### **Agenda Items for the Next Meeting (March 27, 2014)**

- R7.3 status
- R7.4 specifications to be reviewed
- User reports/validate object (Jeffery)
- System updates
- Revise R7.4 and R7.5 to meet OA schedule