

Respository Technical Development Steering Committee
Minutes
November 30, 2005

Agenda:

1. Update on current projects and opportunities:
 - a. Website archiving with UR [Grace and Ann]
 - b. ETDs [Ann]
 - c. NJDH [Linda and Mary Beth]
 - d. Sun Microsystems [Grace]
 - e. CLEANER cyberinfrastructure [Grace]
2. Update on Fedora archiving WG [Ron]
3. Other updates [all]
4. 9 month calendar – setting dates [all]

Present: Grace Agnew (chair), Kalaivani Ananthan, Ron Jantz, Rhonda Marker (recorder), Ann Montanaro, Mary Beth Weber

1. Update on current projects and opportunities:
 - a. Website archiving with UR [Grace and Ann]
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 - e. CLEANER cyberinfrastructure [Grace]

(Together with)

4. 9 month calendar – setting dates [all]

We have been working under the scenario of rolling the repository to support most faculty projects. This is the direction that most universities go through. Grace suggested that instead we focus on big-ticket projects that build out the repository. Cabinet has discussed the need for repository policies and a vision statement. To that end, Ann and Bob Sewell drafted two broadly stated vision statements, which she read to the committee. The Committee suggested including a provision for partnerships and service to the state in the vision statement. Repository policies will be drafted at the next Cabinet meeting. They also will be broadly stated, for example, the depositor is responsible for establishing copyright compliance, etc.

Some of the big-ticket projects might include:

- Website archiving with University Relations. The tool to be developed would be the “digital depot.” This tool will allow us to accept large data sets, each with its own metadata. (N.B.: This works nicely with the way EAD works) Each dataset would have its own EAD metadata. There would be different alerts and triggers for each data set. Upon ingest, if there was no metadata or objects were orphaned, the system would automatically send email to the contributor. Grace estimated that it would take about two years to build this. Ron has prepared a 3-4 page prospectus.
- ETDs. This also is a multi-year project to fully implement for all ETDs at Rutgers, though actual limited implementation will take place this year.
- NJDH. We have an ongoing commitment to maintain NJDH. One suggestion was to use SCILS students to build up the collection.

- Sun Microsystems. There is some interest in Rutgers becoming a Digital Library Center of Excellence, perhaps collaborating with NJIT and UMDNJ
- CLEANER cyberinfrastructure (Collaborative Large-scale Engineering Analysis Network for Environmental Research). If we took on this project, we would develop tools to make data multidisciplinary. We would submit an unsolicited grant to NSF for ca. \$200,000. These tools would be used to the measurement community, modeling community, government, engineering community, and medical community.

Taking this big-ticket project approach would mean not digitizing RUL's collections, including special collections. If we have things that need rescuing, however, we should go ahead and digitize them.

Could someone begin a compelling project? Probably, if the Metadata Working Group can come up with a non-NJDH template in the WMS (For example, the IJS template would not be very hard to do) Other projects, such as WAAND, would be supported.

We do need to set up templates in the WMS. We need a basic, core template. At first, users would need training and some close monitoring, then we would be able to open it to library faculty projects, with library faculty doing the work. The Metadata Working Group needs to come up with specifications for the templates/core functionality of the WMS.

It is important to have sufficient representation on the DRRC (as we currently do, with the exception of metadata), so that we can evaluate the limits of our resources to support new digital projects.

It was the consensus of the Committee that we will be able to handle some library faculty-sponsored projects, though not everything will be feasible. The DRRC focus should be on low impact to SCC/TAS/Technical Support, as well as compelling collections and projects.

2. Update on Fedora archiving WG [Ron]

Ron will bring a draft to this group's December 14 meeting. Ann will chair that meeting, as Grace will be away.

3. Other updates [all]

Releases:

Release 1.0 Still working on it; domain name change will be made on Dec. 2, and it will be open for inject after that.

Software Architecture WG will come up with Release Procedures

Release 1.1 Scheduled for February 13. Yang needs WMS specifications from the Metadata Working Group:

Sound object architecture

Uncompressed wave mater

MP3 presentation

WMS/XML input needed for ETDs: Metadata Working Group is meeting with John K., Yang next week

Reports package (being done by a parttime computer science student in SCC): download statistics, signature failures, 25 most popular ...??

ETD application will demo to NB Graduate School in December

Repository Website "REA" revision done

Collections set up for: RUL, NJDH, SC/UA, ETD, JOHP, Eagleton, e-Journals, EMM [Educational Module Maker]

Mapping from local databases is NOT in Release 1.1; this will affect loading in Motion Picture Catalogs metadata. In a later release, we will develop export to MARC.

Sound/audio object architecture

Sample logical structure map

There was discussion about sound/audio objects and transcripts of them. A transcript is not a separate object. It does not receive a separate metadata record. We need transcripts of sound/audio to support differently-abled persons. A hearing impaired person experiences the transcript as the primary object. A transcript is a different mode of presentation. Documentation will be revised to reflect this.