

# CYBER-INFRASTRUCTURE STEERING COMMITTEE (CISC)

## Meeting Minutes – March 14, 2012

### Present

Grace Agnew, Chair	Melissa De Fino (guest)	Caryn Radick
Kalaivani Ananthan	Ron Jantz	Mary Beth Weber
Isaiah Beard	Rhonda Marker	Ryan Womack
John Brennan	Aletia Morgan	Yang Yu (guest)

### Excused

Linda Langschied  
Chad Mills  
Jane Otto  
Tibor Purger

### AUL Report

Agnew talked about a collaborative effort taking place between the Beth Mardutho Syriac Institute in Piscataway and the Libraries. The Institute holds one of the greatest collections of Syriac languages materials in the world. They will partner with RUL to digitize and store a still to be determined number of volumes in RUCore. Farideh Tehrani is leading the effort on behalf of RUL.

Agnew said discussions are ongoing regarding the Dodge Poetry Festival videos.

### NARA Technical Metadata Extraction Tools

Beard led the discussion and demoed two products which automatically extract technical metadata from digital files. Use of this type of tool would provide richer technical metadata while also eliminating a large percentage of manual input and intervention currently needed to gather and include this information in the WMS.

The first product he demoed was EXIF. It supports many video and non-video formats, including MS Office. The second product, Media Info, performs similar functions but is used exclusively for moving images and sound files. In both cases the metadata can be extracted and passed to the WMS via XML. Yu said this would occur when a file is uploaded, but prior to ingestion into RUCore.

The group reacted positively to both tools. Next steps were identified.

- Beard will run several tests with both tools to see if there are any discrepancies in the output. He will also compare our existing technical metadata (across all formats) with output provided by the tools. He will report back in May.
- Agnew will create an event in the WMS which confirms the technical metadata was validated.
- Necessary updates to the WMS will be incorporated into a future release.

### Integrating EAD Finding Aids into RUCore

Six people from TAS attended EAD training on March 5 (Jantz, Mills, De Fino, Yu, Beard, Jie Geng) in preparation for the project to integrate EAD finding aids into RUCore.

Radick discussed her vision for this project. She sees the need to create two-way relationships between EAD finding aids and digital objects. XML must be standardized across platforms (RUCore, Oxygen [or another XML editing tool], additional tools needed). She stressed the importance of ensuring RUCore and the EAD web display remains in sync. Marker noted the ability to add more metadata to the EAD object is also important.

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SC/UA currently uses Oxygen, an XML editor, as their mark-up tool. Jantz said an API can be developed to take Oxygen output and ingest it into RUCore as an XML object. The creation of an API would allow updates made to existing EAD finding aids to sync with previous versions residing in RUCore.

An EAD working group was formed to move this project forward. The team will consist of CISC members Radick, Jantz, Ananthan, Mills and Brennan. Additionally, Melissa De Fino, Jie Geng and Tom Frusciano will be on the team. Yang Yu will be consulted as appropriate. Initial milestones were identified.

- Create architectural design for CISC review (August 2012)
- Create implementation specs (October 2012)
- Release EAD component in RUCore (included in first RUCore release of 2013)

Radick mentioned EAD is scheduled for a new release in 2013. She will investigate learning more about this release so we can assess how any of their tagging structure may impact this project. Additionally, Radick and Jantz will contact Michael Rush from Yale and arrange a conference call so we can discuss partnering with them. Yale uses both Fedora and Oxygen, and Rush is co-chair of the Society of American Archivists' Technical Sub-Committee for Encoded Archival Description.

#### Updates

Jantz met with faculty to discuss adding Roman coins to RUCore. They discussed the 3D nature of coins and how they are an important element. 3D laser scans are cost prohibitive. Images at multiple angles with the ability to zoom in as needed could address the need to view the critical information on a coin. De Fino will be the metadata contact for this project. She will investigate what other folks are doing with coin collections and which facets of coins matter most to faculty who work with them.

Jantz mentioned there will be a one day Northeast Fedora Conference at the University of Connecticut (Storrs) on April 27. There is no formal program in place. It will be a meet and share. Marker will attend.

Radick said she and Tom Frusciano were asked by Tara McDonnell to talk with the Alumni Association about the yearbooks project. They attended a meeting and gave a brief update. The Alumni Association appeared to be interested in this project and asked a few surface questions about the capabilities which may be available to people who view the yearbooks online.

Radick and De Fino are developing an abstract in response to an ARL call for "Mainstreaming Special Collections." The abstract will address the context of objects and events, the curricula use of resources and the curricula use of events. De Fino will attend an April CISC meeting with a proposal for the curricula use of events.

Beard will be presenting at the MARAC Conference in April. The topic will be "Preservation and Conservation of Born Digital Materials."

Morgan and Brennan have been working with De Fino, Laura Mullen and Bonnie Fong on a sub-committee of RUCore to revise the RUCore landing page and make recommendations for revisions to the Search tool. Morgan and Brennan will provide a preliminary report at the end of June.

Marker attended the SPARC Open Access Repository Conference. She learned about COAPI (Coalition of Open Access Policy Institutions) which had their first meeting just prior to the start of the conference. There are no fees and your institution's policies do not need to be in place to participate in COAPI. She recommended we join.

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Marker also reported there was an emphasis on "Gold" open access at the meeting. Whereas "green OA" refers to permissions for archiving in Open Access repositories, "gold OA" refers to journals that provide open access to their content. Many "gold OA" journals charge author fees or are supported by institutional memberships. There seemed to be widespread agreement that publication fees ("author pays") for gold OA are inevitable, and speakers addressed policy and practical issues of administering funds to pay publication fees on behalf of faculty who publish in gold OA journals. Marker and Laura Mullen, who also attended the meeting, were asked to prepare a report on the issue.

One of the presentations by Tyler Walkers, University Librarian at Virginia Tech, pointed out that text/data/image mining can be used with repositories because the "data" layer -- even of licensed content -- can be harvested in the aggregate without violating copyright.

Morgan has been in contact with Drew Gitomer from the Graduate School of Education who is sending us videos for testing for RUresearch. He has approximately 2 terabytes of videos. He will have to buy storage for us to permanently take those videos. This led to a discussion about determining costs associated with RUresearch. Womack said there should be a free amount of storage upfront and anything exceeding that will need a cost associated with it. He envisions two tiers of fees – one for storage and one for services (eg. metadata expertise). Womack, Beard and Purger will propose a storage fee schedule (which includes technical services like file preparation) and Marker, Weber, Ananthan and Mills will propose a services fee schedule. Womack will gather the information and bring it back to CISC in April for further discussion.

Womack has been collaborating with Rob Scott, an Assistant Professor of Anthropology, on a RUresearch project concerning tooth data. Womack has been working with De Fino on the metadata which will be reviewed with Agnew in the near future. Agnew said the RUresearch metadata team must be consulted to identify discipline specific vocabularies into the WMS. Those vocabularies must then be approved by both the Metadata Working Group and CISC.

Ananthan is preparing release 2.1 of Open WMS. Testing is being performed on both the Linux and Windows platforms. The College of Charleston will be an extensive testing partner for the installer.

The next meeting is scheduled for Wednesday, March 28 at 10:00 in the Technical Services Conference Room.

Submitted by John Brennan  
March 27, 2012