

August 14, 2013

### 1. AUL report - Agnew

**ACI Strategic Planning.** There will be a public forum on the ACI Strategic Planning proposal, for an advanced computing infrastructure at Rutgers. Among other things, the report recommends a new office with a VP-level administrator tasked with planning, coordinating and implementing the ACI. The Libraries are a node on OIT's 5 year plan for an ACI. We want to remain a node and feel our best opportunities for the funding and development of our infrastructure will be as part of a university-wide ACI. Everyone in CISC is encouraged to attend this meeting.

**DPN.** The libraries are members of DPN. A phone call to discuss what we hope to achieve through DPN, which is a shared dark archive, is planned for next week.

### 2. Open Repositories (Mills)

Chad talked about interesting sessions he attended at the Open Repositories meeting. High lights include:

- A new protocol under development for resource sharing, called ResourceSync, to replace OAI-PMH. It is based on the Google site map instead of on metadata and the HTTP protocol. **Action item: monitor developments**
- An open source authentication service developed at UNC that uses RDF triples for role based access rather than XACML. Chad was impressed with speed, efficiency and design. **Action item: download and implement in test as soon as robust version is available in open source.**
- **Taverna Workbench** – This is an open source development platform that uses a workflow engine to model and document experiments in different fields at a graphical level. Workflow documents (XML-based) which produce replicable results are stored in a shared repository and can literally replace data, since the recreate the experiment and the results exactly. They can be modified into new experiments by changing a parameter, etc. Islandora has developed an API to accept workflows from the TW repository, for preservation in the repository. **Action Item: GA is very familiar with Taverna and feels it may represent the new generation of small science. She will investigate Taverna use on campus and if warranted, will ask that this be added to the development timeline for FY15.**
- **Chad's presentation** – Chad presented the RUcore approach for managing and supporting the download of complex hierarchical files. While others are also doing this, we seem to have a faster, more streamlined approach. He was asked if it would be available in open source. **Action item: Chad and Kalaivani will explore a more streamlined approach to making pieces of code and microservices available.**
- Chad also attended a presentation on UCSD's use of Wowza for serving video files and will follow up for assistance as needed with our Wowza integration.

### 3. Educause CIO Workshop (Purger)

Tibor discussed a weeklong CIO workshop that he attended through an RUL LEAD grant. He learned that the first few minutes of any presentation are all that you have to make are the most critical and must include the value proposition for what you have to say. He also learned that computer labs are passé and that virtual desktops that encapsulate all the tools and services a user would want to have, on the platform of their

choosing (laptop, notepad, etc.) are preferred for their flexibility and for allowing the user to leave the work environment with what they need. Tibor will be doing a longer presentation of his workshop in an upcoming LEAD sponsored panel talk.

#### **4. Metadata for Multiple Versions (Handout Available) (Otto)**

Jane Otto presented a proposal/ application profile for multiple versions, where an author has submitted more than one version of work (e.g., the preprint and the published work). The work version may be a deposited file or it may be a DOI that links to the publisher's copy.

An important concept for multiple versions of the same work is that of the **authoritative** work in RUCore, which is defined as the work given primary access via the metadata and the version of the work that is considered the master file for preservation purposes. The proposal notes that an open access version of the work must always be made available, so that if the published version of the work requires authentication for access, it cannot be the authoritative version of the work in RUCore, even if the author considers it the canonical version of the work.

Pervious versions of the work will be maintained in RUCore as referenced works in an event. These may or may not be readily accessible, but will not be prominent in the record. At the author's request, previous versions will be embargoed, but since the previous versions may have been cited in other published scholarship, they will be maintained and instructions about contacting the author for access provided in the event.

#### **Outcome:**

CISC approved the application profile for multiple versions. Jane will now work with Software Architecture on changes to the faculty submission form to accommodate documenting the version of a submission, requesting embargo, etc. She will also add appropriate event terminology to the WMS. The AP needs to be tested with several articles, one of which might be Jane's C&RL article, which is currently deposited as a preprint and will soon be in final publication.

#### **5. Parsing Citations in RUCore (Handout available) Otto**

Jane proposed using the "Related Item" complex element in MODS to create a citation for the work being cataloged in the WMS. Currently, a note field is generally used, but it doesn't provide flexibility in reconfiguring the citation. However, related item, a completely recursive element, is not currently implemented as such in the WMS and will require considerable programming to make it recursive enough to accept any MODS element. Grace suggested that the extension element could be used for a citation subschema as a simpler method, possibly an interim method, for adding configurable citation to the metadata record.

#### **Outcome:**

Mary Beth and Kalaivani will invite WMS programmer Yang Yu to an upcoming metadata working group meeting to strategize on the best way to add parsed citation to the WMS. This is something faculty really want so may need to be introduced in the simplest way possible to begin with, as an interim step.