

Cyber Infrastructure Steering Committee

January 14, 2009 – Minutes

Attendees

Grace Agnew	Qian Hu (guest)	Chad Mills
Kalaivani Ananthan	Ron Jantz	Jim Niessen
Isaiah Beard	Theresa Kirby (guest)	Mary Beth Weber
Jeanne Boyle (guest)	Linda Langschied	Ryan Womack (guest)
John Brennan	Rhonda Marker	

Agenda

1) General Announcements

Information

- Grace mentioned that the Director of Integrated Systems job description is ready and will be posted by UHR. The successful candidate will lead the Integrated Information Systems (IIS) which provides programming and technical support to all workflows within RUL.
- Grace provided a brief overview of the OLE (Open Libraries Environment) project and project milestones to date. OLE is a Mellon funded project to develop an open architecture library technical environment using a Service Oriented Architecture (SOA). OLE would allow institutions greater flexibility than their current ILS affords. Regional Design Workshops were held across the country in December with Rutgers hosting two workshops. Approximately 80 people attended the Rutgers sessions representing a wide variety of institutions (ie: Johns Hopkins, Columbia, Princeton, etc). Marianne Gaunt, Chris Sterback and Grace did a presentation for VALE on January 9. (VALE has committed to being an active participant in OLE.) The next step will be a meeting of the core project team at Lehigh University from January 20-22 to consolidate and correlate the data gathered at the regional design workshops, while also discussing direction for the build proposal due to Mellon in the summer.

2) Science Data Curation

Information

- Ron Jantz reviewed a draft document regarding the curation of Science data. He discussed:
 - Domains to consider for this data (researchers' domain, researchers' repository, RUCore).
 - The Life Cycle of Data
 - Discipline Profiles – The objective is to characterize how scientists do their work in various disciplines, the profiles would include workflow, processes, tools, standards, research communities and culture.

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- Faculty Requirements
- Repository/Architecture Requirements – These includes content models and file formats, the ingest process and collection structure.
- Policies including Deposit Agreements, Access restrictions and Digital Preservation.
- Initially we want to sustain and preserve three databases, answer policy questions and build a platform which will allow us to build additional databases.
- Grace identified the team which will do the work. The team consists of Ron Jantz (chair), Theresa Kirby, Qian Hu, Ryan Womack, Mary Beth Weber and Isaiah Beard. The objective of team is:
 - Look at 3 pre-determined databases and determine (1) What do we want to learn and (2) What do we and the outcome to be after analyzing these databases?
 - Provide feedback and ideas on how to proceed
- Expected outcomes:
 - In the beginning analyze reasonably straightforward grant based data (ie: Environmental Sciences)
 - Develop policies
 - Identify and resolve rights issues
 - Develop standardized tools
 - Develop a sustainable content model
 - Provide faculty liaisons the tools to secure additional grants

3) Collection Hierarchy in RUCore

Information

- Through the Collection Management Interface:
 - A collection can be assigned multiple collections (ie: NJDH)
 - Content objects can be associated with multiple collections by running against an indexer outside of the repository
 - Greater development of search criteria
 - Correct inconsistent metadata
- It was pointed out that we need the ability to do this using Shibboleth along with the ability to create dynamic and durable collections.
- The Software Architecture group will discuss managing groupings (insert a layer that will create and manage relationships). In the short term an Attribute field will be added to minimize the search time for descriptive items.

Respectfully submitted by John Brennan – February 9, 2008