

JISC

Capital Programme Circular 01/07 Briefing Day

Wednesday 9th May 2007



Interoperability Demonstrators: Discovery to Delivery, Strand C

Rachel Bruce, Programme Director

- Three Projects under current Call
- Up to £100,000 available per project for 9 months duration (total available £300,000)
- Interoperability experiments to test support for scholarly communication (broad sense R and L & T)
- Goal is to examine how existing standards, specifications, tools and services support essential use scenarios and to contribute to understanding and technical development

- Repositories need to support processes of research and learning to fulfil the potential they offer in terms of a layer of scholarly resources.
- Thus far there are standards such as OAI PMH that allow harvest and support resource discovery for learning and research but repositories need to support deeper interoperability across different services (e.g. bibliographic management; e-portfolios etc.)
- A network of repositories needs to allow use across repositories, supporting services and other systems.
- The Information Environment standards for interoperability
- Some debate suggests there may be a need for new / refined standards and specifications. For example see ORE (Object Exchange and Reuse – Mellon).
- To develop we need to test interoperability in a focused way.

About the Proposed Projects

- Common Repository Interface Group (CRIG) developed some broad scenarios that look at interactions across services and systems to set some interoperability challenges.
- The Scholarly Cycle
- The All- round Academic
- Complex Objects in Teaching and Administration
- See:

http://www.ukoln.ac.uk/repositories/digirep/index/CRIG_Scenarios

Project terms of reference

- Use the scenarios as a guide – represent examples of the types of scholarly processes that need to be supported. Full implementation of the scenarios may not be practical in a demo project.
- Projects can propose other scenarios with justification i.e. justify as a priority-should be plausible, interoperability between systems/services beyond a single institution.
 - Identify a scenario
 - Bring together distributed repositories, tools, services in an interoperability demo
 - Use Information Environment standards and asses – document
 - Use existing services and tools where possible – document
 - Test the demonstrator with key players
 - CRIG/JISC representatives/peers should review
 - Build on existing work
 - Document so lessons can be built upon
- Start September 2007 for nine months, £100,000 per project, three to be funded.

- Neil Jacobs: n.jacobs@jisc.ac.uk, rpteam@jisc.ac.uk,

JISC

Capital Programme Circular 01/07 Briefing Day

Wednesday 9th May 2007

