AUSTRALIAN PARTNERSHIP FOR SUSTAINABLE REPOSITORIES

Caul Meeting 2005/1
Auckland
4 April 2005
PARTNERS

The Australian National University (Lead institution)

The National Library of Australia

The University of Sydney

The University of Queensland

Australian Partnership for Advanced Computing (APAC)
Scope

- overall focus on critical issues of access continuity to and sustainability of digital collections
- determination to build on base of demonstrators for digital continuity and sustainability embedded in developmental repository facilities within partner institutions
- aspiration to contribute to national strength by encouraging development of skills and expertise and by providing coordination throughout the sector via a platform of national services and international linkages
APSR Developments

- Appointment of new Executive Officer pending following departure of Tom Ruthven to take up position at University of Miami
- Presentations
  - Preserving the outputs of research, Warwick Cathro, Archiving Web Resources Conference, Canberra, 11 November 2004
  - Sustaining repositories and middleware, Tom Ruthven, Australia Middleware Forum, Gold Coast, 8 December 2004
  - To preserve and sustain: making digital repositories safe and accessible for the long term, Tom Ruthven, Information Online, Sydney, 1 February 2005
  - Redesigning a repository for sustainability, Brian Molinari and Ross Coleman, Educause Australasia, Auckland, 7 April 2005
Digital Sustainability (Core Program)

- Sustainability issues discussion paper (Kevin Bradley) released January 2005, focusing on
  - sustainability of raw data
  - sustainability of access to meaning
  - economics of sustainability
  - organisational structure of digital sustainability
  - economics of participation
  - sustainability and value
  - tools, software and sustainability

- Work continuing on
  - partner expertise registry
  - sustainability analysis (risk assessment) of testbed repositories
  - sustainability assurance for testbed repositories
  - sustainability analysis of open-source institutional repositories
Practices and Testbeds Program

(1)

Implementation of Repository Technology in a Standards Framework

(ANU)

- Further collections added to ANU DSpace production and development servers
- Involvement (Scott Yeadon) in developing code for next software release from DSpace Federation
- Batch loader and logging modules released
- Release of DSpace-in-a-box, version 1.0, to be announced April 2005 following successful implementation at University of Sydney
- Project Officer appointed March 2005 to conduct risk analysis study in relation to metadata
Practices and Testbeds Program

(2)

Sustainability and Interoperability in a Complex Distributed Environment

(University of Sydney)

- Data replication for PARADISEC planned with APAC and other collaborating organisations
- Draft sustainability guidelines for USyd repositories under development in line with recommendations of APSR sustainability issues discussion paper
- iSpheres middleware tested and currently being demonstrated for USyd testbeds
- TMDigitiser generic GIS metadata capture tool under development
- DSpace added to USyd testbed repositories
Practices and Testbeds Program

(3)

eScholarship Australia
(University of Queensland)

- UQ Research Finder launched February 2005
- Digital repository layer, using NDSL/Fedora, and personal registration interface under development
- Sustainability survey of UQ repositories planned with assistance of Digital Sustainability Core Program (Kevin Bradley)
- Presentation, Your place or mine? : showcasing e-research via an institutional repository, Chris Taylor and Belinda Weaver, Educause Australasia, Auckland, 7 April 2005
National Services Program

Begins 2005

- Release of DSpace-in-a-box, April 2005
  - an open-source institutional repository option being made available for testing by interested institutions
  - a contribution to the development of national institutional repository fabric
  - technical support to be provided by ANU
- National Sustainability Workshop, June 2005
  - Chris Rusbridge, Director, Digital Curation Centre, Edinburgh, as participant
- Continuing program of presentations on APSR issues
International Linkages Program

Begins 2005

- Digital Curation Centre
  - visit of Chris Rusbridge, June 2005
- DSpace Federation
  - ANU among 6 partners developing code for DSpace software
  - User Group Meeting, University of Cambridge, July 2005
- SETIS, PARADISEC, ACL/SSIU/TimeMap
  - USyd participation
- Thomson Scientific (ISI) Web Citation Index Project (ANU, CalTech, Cornell, Max Planck Society, Monash, NASA/Langley, University of Rochester)
  - presentation at Information Online, Sydney, 2 February 2005
- Digital Publishing System (DPubS) (Cornell and Penn State)
  - ANU participation
Thank you

Vic Elliott
4 April 2005