The Australian Partnership for Sustainable Repositories

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ARIIC - FRODO & MERRI meeting

March 30th 2006
APSR Partners

The Australian National University
The University of Sydney
The University of Queensland
The National Library of Australia
The Australian Partnership for Advanced Computing
The University of Melbourne

Supported by:

An Innovative Action Plan for the Future
The Systemic Infrastructure Initiative
A Partnership to Promote Excellence in Managing Digital Collections

- Document best practice
- Address strategic issues
- Stimulate and share experience
- Consider the Australian context
Sustainable Repositories?

- Manageable
- Integrated
- Accessible
- Cost effective
- Preservable
- Relevant
  - To management
  - To academic staff
Repositories that Sustain?

- Sustain information “beyond the life of the underlying technology”.
- Have “Preservation Strategies”
Six APSR Programs

- Standards-based Repository Testbed (ANU)
- Accessible Integrated Repository Testbed (UQ)
- Distributed Repositories Testbed (USyd)
- eResearch Sustainability (APAC)
- Digital Sustainability (NLA)
- National Outreach Services
Integrated and Accessible Repositories (UQ)

Distributed Repositories (USyd)

National Outreach

Digital Sustainability

eResearch Sustainability (APAC)

Standards-based Repositories (ANU)
Standards-Based Repositories Program (ANU)

- DSpace Committers Group
- Integration of repository with systems & work patterns
  - Cocoon publishing framework
  - Journal Publishing
  - Digital Scholar’s Workbench
Integrated & Accessible Repositories Program (UQ)

- OKI Discovery Portal
- Fez Repository Management Software
Distributed Repositories Program (USyd)

- iSpheres repository middleware
- Sustainability Guidelines for Australian Repositories - SUGAR
- Fieldwork Data Sustainability - FIDAS
eResearch Sustainability (APAC)

- eResearch Repository Sustainability Survey - eROSS
- Sustainable Infrastructure for Established Research Repositories - SIERRA
Digital Sustainability (NLA)

- Sustainability and Risk Analysis - SARA
- PREMIS Requirement Statement - PRESTA
- Automated Obsolescence Notification System - AONS
- Online Digital Risk Analysis Tool
eScholarshipUQ will investigate the feasibility of local harvesting of Born Digital and digitised UQ research material as part of a testbed program for the Australian Partnership for Sustainable Repositories.

Much of the valuable UQ research output is either hidden or poorly indexed. eScholarshipUQ will expose such research via the UQ Research Finder central gateway, which can be readily searched or browsed.

The metadata will also be harvested and exposed by national and international gateways and search engines.

Testbed Activities

Testbed Summary
Original project submission
Software options [25/3/2004]
Implementation plan [7/6/2004]
Progress report [25/6/2004]
Presentation to APSR workshop [24/3/2004]
Presentation to Digital Repositories Seminar [8/10/2004]

Contact:
Newsletters - Jul 2005 | Jan 2005 | Nov 2004

eScholarship Developed Software

**Fez 1.1 (beta)** - a Web-based digital repository and workflow management software system based on ReDoc 2.1 - available for download from the Fez development site on SourceForge.

Fez launch announcement
Fez documentation
Fez description (4/10/2005)

OAI to METS XML Converter
ADT OAI HTML Stripping Service Provider

About APSR

The Australian Partnership for Sustainable Repositories is a 3 year project whose aim is to act as a centre of excellence for the management of scholarly assets in digital formats.

There are 4 interlinked projects, of which one involves a number of testbeds, including UQ's eScholarshipUQ.

The APSR project is funded by the Australian Commonwealth Department of Education, Science and Training, under the Research Information Infrastructure Framework for Australian Higher Education, and is sponsored as part of the Commonwealth Government's Backing Australia's Ability initiative.

Similar funding is being provided by the project partners:

- Australian National University (lead institution)
- University of Queensland
- University of Sydney
- National Library of Australia
- Australian Partnership for Advanced Computing
DSpace repositories

Welcome to Sydney eScholarship
University of Sydney Library.

Demetrius

Browse and Search Demetrius

Demetrius is the ANU's Institutional Repository. It contains digital resources and collections developed by the ANU Community. Digital collections maintained in Demetrius are preserved for long term access and distribution.

For more information please follow the links below:

- About the Demetrius repository
- Guidelines and standards for creating and managing digital collections
- Collection Policies and FAQ
- Repository Contacts

Featured Collection in Demetrius

Noel Butlin Archives Centre
Welcome to iSpheres

iSpheres provide a distributed interoperable solution to serving a range of data - from images, sound, video and text to databases and GIS datasets. Each ISphere can manage several heterogeneous collections of digital objects, translate metadata specific to each collection into a common interoperable format, and serve digital objects transformed as required by the requesting application.

iSpheres include their own web services, so they can be installed on any Internet-connected computer with the Java runtime, making their digital object collections discoverable, searchable, transformable and downloadable. Individual iSpheres are registered with a global directory at www.ispheres.org, making them and their collections discoverable.

Any iSphere can search and retrieve data from any other iSphere (subject to authorisation) and present the results in an integrated list of resources, as well as serving data on-demand to client applications. Communication with an iSphere is through SOAP/XML.

iSpheres provide a new way of making information available to the outside world as DATA rather than web pages, with minimal effort. The concept and initial design were developed by Daniel Burn and Chris Albone from the Faculty of Medicine and Ian Johnson at the Archaeological Computing Laboratory (ACL), University of Sydney and supported by funding from the Australian Partnership for Sustainable Repositories (APSR).

Further information

http://www.ispheres.org
PARADISEC

PARADISEC (the Pacific And Regional Archive for Digital Sources in Endangered Cultures) offers a facility for digital conservation and access for endangered materials from the Pacific region, defined broadly to include Oceania and East and Southeast Asia. Our research group has developed models to ensure that the archive can provide access to interested communities, and conforms with emerging international standards for digital archiving. Our research group is composed of investigators from the four participating institutions.

PARADISEC collaborates with other groups to promote good practice in field documentation and digital archiving of endangered languages: Resource Network for Linguistic Diversity (RNLD), the Open Language Archives Community (OLAC), the Digital Endangered Languages and Musics Network (DELAMAN) and the Electronic Metastructure for Endangered Languages Data project (E-MELD).
National Outreach

As a national program, APSR provides a nationwide outreach program for the benefit of all Australian universities. Other repository services, in both public and private sectors, have also benefited.
Establishing a Digital Repository Service

- All Australian capitals, including Canberra & Darwin
- Total attendance of nearly 300 people
- Workshop plus hands-on tutorial
- Follow-up evaluation
- Suggestions for further activities
Establishing a Digital Repository Service

- The seminar raised a number of issues that we need to look at for our own image repository that we had not thought of before. It also raised the possibilities of what a digital repository can achieve for an organisation. Thank you to all concerned for the presentation.

- Was an informative and thought provoking workshop
Open Repositories 2006

- Well-chosen speakers, well allocated topics, addressed all the major issues around repositories, well done!
- Thanks for a very well organised and integrated range of activities, with a good international perspective.
- A very successful program - papers presented by the leaders in OR, a good balance in technical and practical knowledge.
Open Repositories 2006
Whither DSpace?
APSR joins the Blogosphere
Sustainable Paths for Data Intensive Research
Establishing a Digital Repository Service Workshops
News from the partners
Meet Anna Shadbolt
Around the traps

“Open Repositories 2006

“It was a very useful forum, especially in bringing key initiatives together in one place. The quality of speakers was excellent and the structure of the conference - specific user group meetings followed up by the wider view of repositories - worked out well.”

“Excellent gathering of minds and laying out the state of the repository space.”

“The DSpace user group meeting highlighted some longer term needs and issues for archiving in an Australian Academic Context. We need to engage in a dialogue across the sector to address the sustainability of the movement towards a viable and complete e-research framework.”
Australian Partnership for Sustainable Repositories

...to establish a centre of excellence for the management of digital collections

APSR Joins the Blogosphere

The APSR blog is designed to encourage the dissemination of news about repositories and related developments, to facilitate communication between the APSR partners and to announce APSR news and events.

Your contributions will be very welcome.

Visit our blog at www.apsr.edu.au/blog and register to take part in discussions.

The APSR partners

- The Australian National University
- The University of Sydney
- The University of Queensland
- National Library of Australia
- APAC
- The University of Melbourne
Plans for 2006

- Management and costing workshop - Brisbane
- PREMIS/trusted repositories workshop - NLA
- FieldHelper workshop - Sydney
- APSR Show and Tell - Canberra
Plans for 2006 (cont)

- White Paper Series
- Newsletter
- Presentations, handouts, brochures
Moving forward …

- What we have discovered:
- What we have done
- What needs to be done?
- How would this be done?
Contact us

- Web site: www.apsr.edu.au
- Email List: mailman.anu.edu.au/mailman/listinfo/apsr_announcements
- Blog: www.apsr.edu.au/blog
- Newsletter