The Australian Partnership for Sustainable Repositories

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ARIIC - FRODO & MERRI meeting

March 30th 2006

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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

www.apsr.edu.au

APSR

A Partnership to Promote Excellence in Managing Digital Collections

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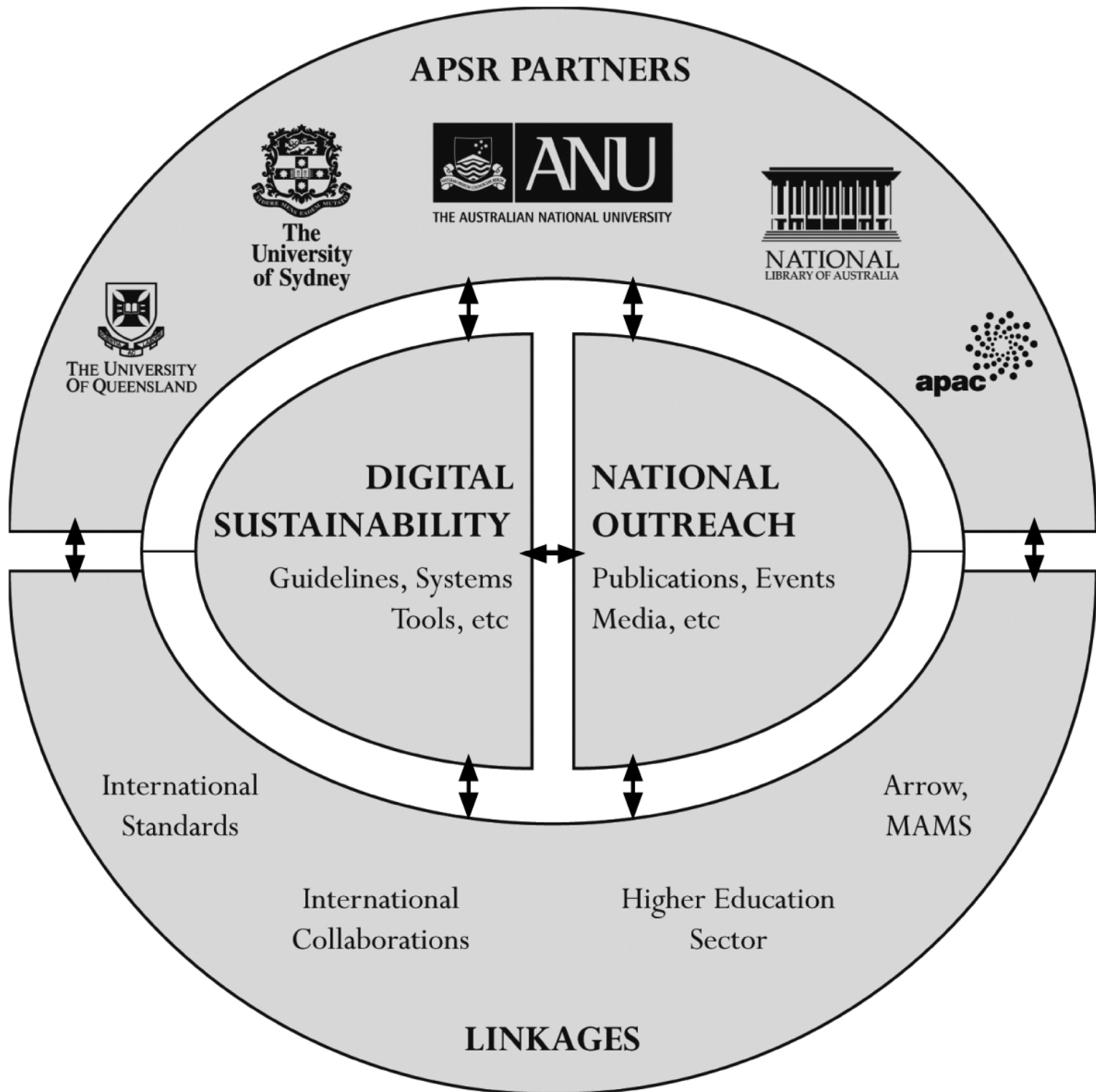- Stimulate and share experience
- Consider the Australian context

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"

APSR PARTNERS

The University of Sydney

ANU
THE AUSTRALIAN NATIONAL UNIVERSITY

NATIONAL LIBRARY OF AUSTRALIA

THE UNIVERSITY OF QUEENSLAND

apac

DIGITAL SUSTAINABILITY
Guidelines, Systems Tools, etc

NATIONAL OUTREACH
Publications, Events Media, etc

International Standards

Arrow, MAMS

International Collaborations

Higher Education Sector

LINKAGES

APSR
AUSTRALIAN PARTNERSHIP FOR SUSTAINABLE REPOSITORIES

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)

Standards-based Repositories (ANU)

National Outreach

Digital Sustainability
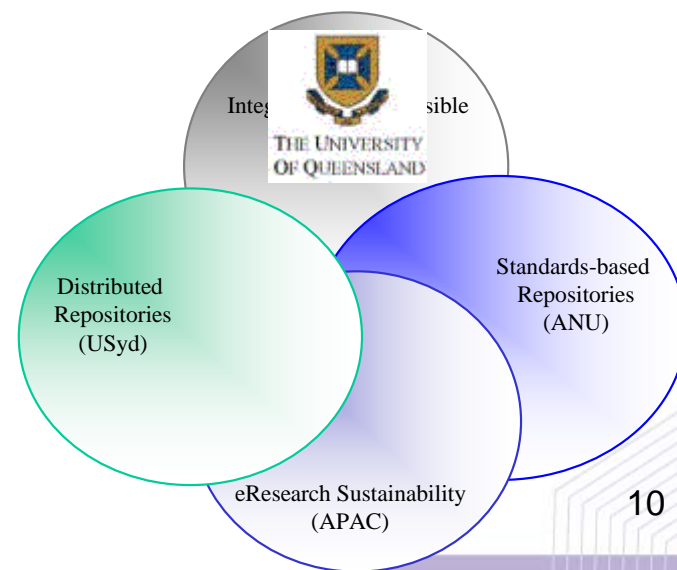
eResearch Sustainability (APAC)
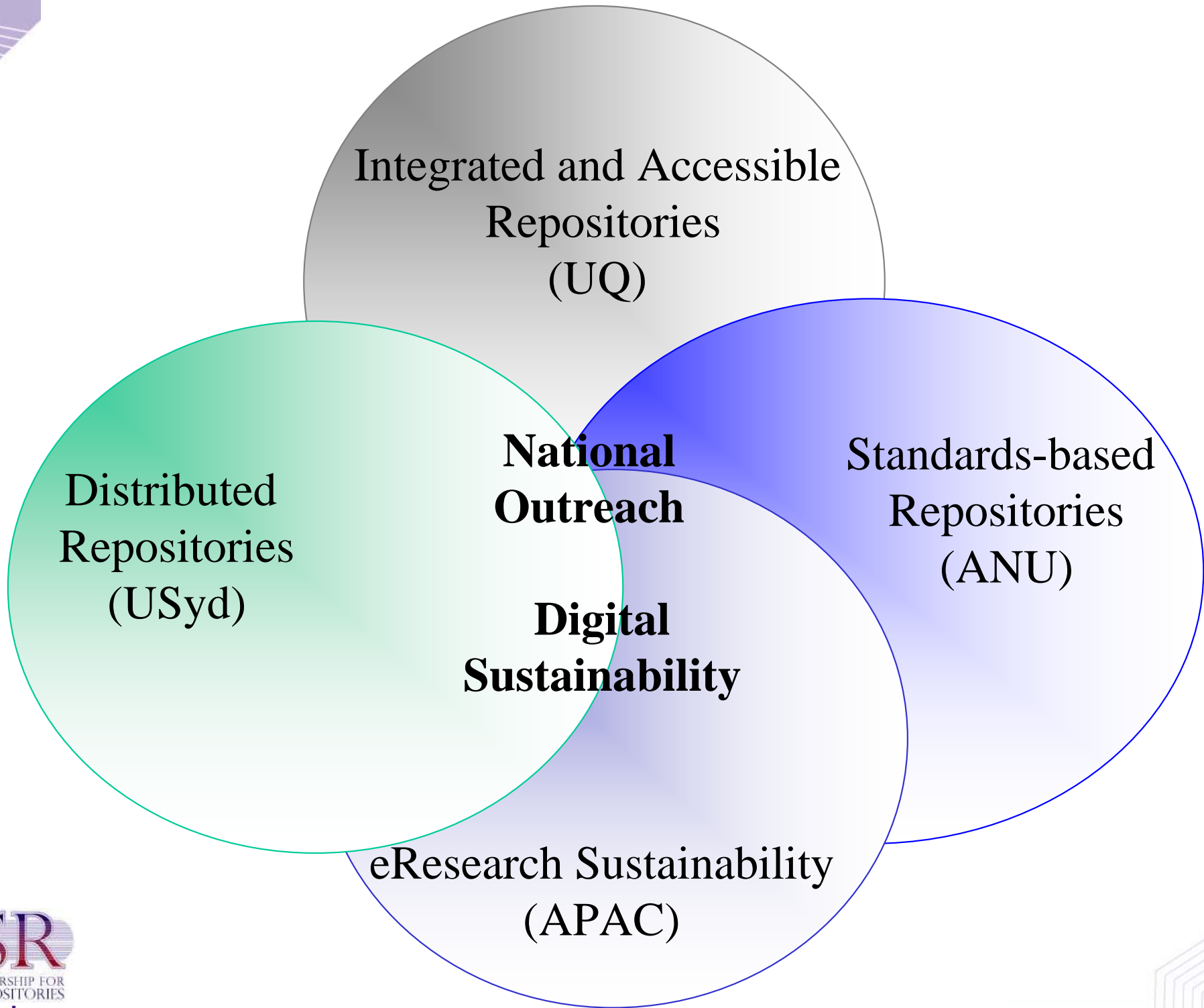
Standards-Based Repositories Program (ANU)

- DSpace Committers Group
- Integration of repository with systems & work patterns
  - Cocoon publishing framework
  - Journal Publishing
 - Digital Scholar's Workbench

Integrated and Accessible Repositories (UQ)

Distributed Repositories (USyd)

eResearch Sustainability (APAC)

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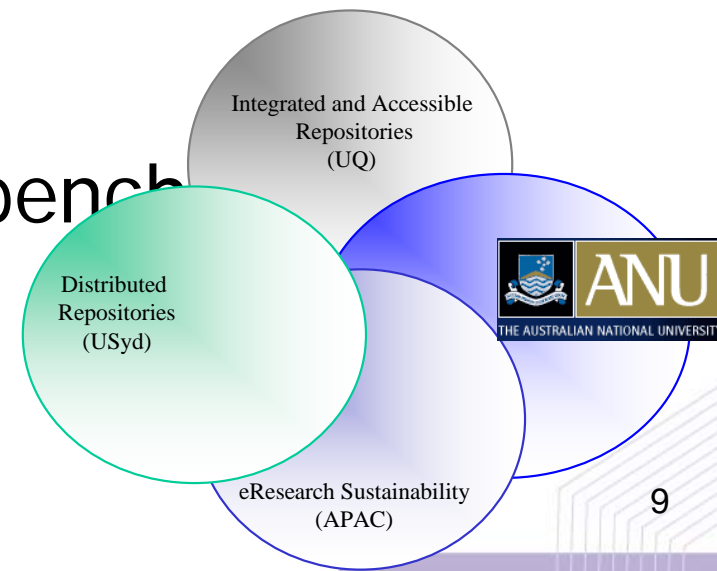
Integrated & Accessible Repositories Program
(UQ)

- OKI Discovery Portal
- Fez Repository Management Software

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Distributed Repositories Program (USyd)

- iSpheres repository middleware

- Sustainability Guidelines for Australian Repositories - SUGAR

- Fieldwork Data Sustainability - FIDAS

Integrated and Accessible Repositories (UQ)

Standards-based Repositories (ANU)

The University of Sydney

eResearch Sustainability (APAC)
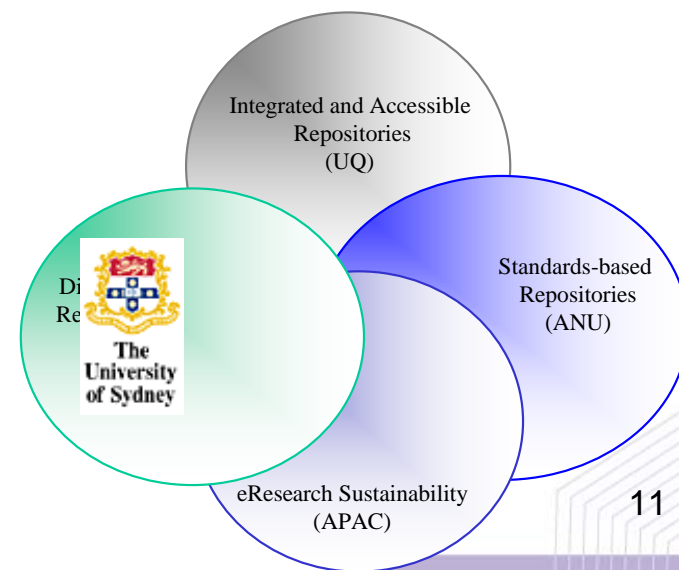
eResearch Sustainability (APAC)

- eResearch Repository Sustainability Survey - eROSS
- Sustainable Infrastructure for Established Research Repositories - SIERRA

Integrated and Accessible Repositories (UQ)

Distributed Repositories (USyd)

Standards-based Repositories (ANU)

eR **apac** ility
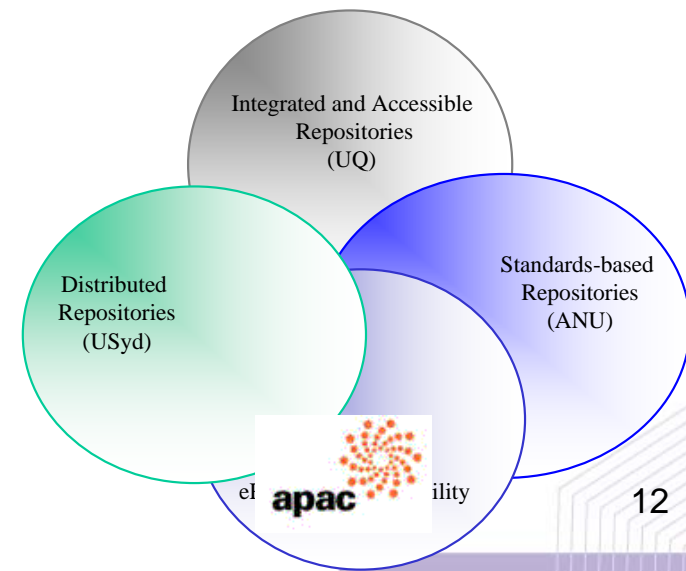
Digital Sustainability (NLA)

- Sustainability and Risk Analysis - SARA

- PREMIS Requirement Statement - PRESTA

- Automated Obsolescence Notification System - AONS

- Online Digital Risk Analysis Tool

Integrated and Accessible Repositories (UQ)

Distributed Repositories (USyd)

Standards-based Repositories (ANU)

eResearch Sustainability (APAC)

CYBRARY eScholarshipUQ
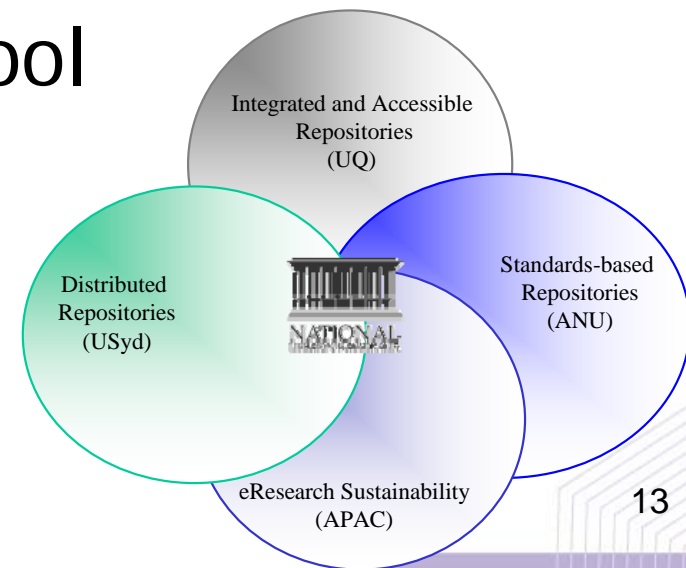
Home » eScholarshipUQ

eScholarshipUQ will investigate the feasibility of local harvesting of born digital and digitised UQ research material as part of its 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 internal gateways and search engines.

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Quick Links
APSR project
ePrintsUQ
UQ Research Finder

On This Site
Ask a Librarian
AskIT
Branch libraries
Catalogue
Course Materials
Databases & eJournals
FindIts & UseIts
Internet

Testbed Activities

Testbed summary

Original project submission

Software options [25/5/2004]

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]

Contacts

Newsletters - July, 2005 | Jan, 2005 | Nov, 2004

eScholarship Developed Software

Fez 1.1 (beta) - a Web-based digital repository and workflow management software system based on Fedora 2.1 - **now 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

PHP-based tool (zip file)
This PHP-based tool will be useful for harvesting ADT records until the official ADT OAI Service Provider is released (zip file)

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 format.

There are 4 interlinked programs, 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 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

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www.apsr.edu.au

http://www.ispheres.org

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Pacific and Regional Archive for Digital Sources
in Endangered Cultures

Safeguarding research
in Australia's region

PARADISEC

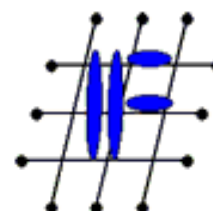HOME | ABOUT US | SERVICES | LINKS | CONTACT US | ADMINISTRATION
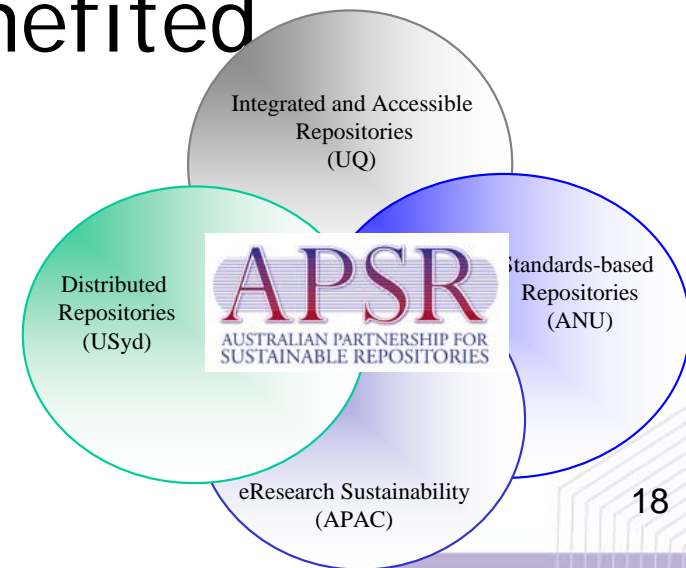
home /

search PARADISEC

[ ] go

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).

The University of Sydney

THE UNIVERSITY OF MELBOURNE

ANU
THE AUSTRALIAN NATIONAL UNIVERSITY

ARC
AUSTRALIAN RESEARCH COUNCIL

grangenet

UNE
THE UNIVERSITY OF NEW ENGLAND

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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

Integrated and Accessible Repositories (UQ)

Distributed Repositories (USyd)

Standards-based Repositories (ANU)

eResearch Sustainability (APAC)

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.*

Sustaining Repositories

newsletter of the APSR Project
February 2006

www.apsr.edu.au

In this issue:
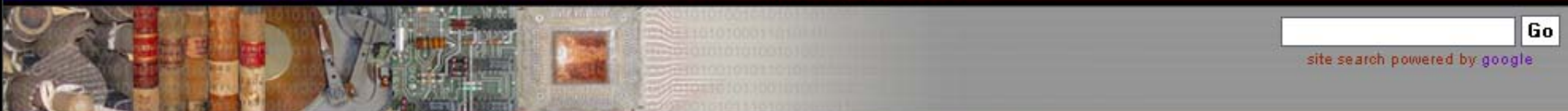
Open Repositories 2006

"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 eresearch framework."

Go

APSR

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.

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The APSR partners

- **The Australian National University**
- **The University of Sydney**
- **The University of Queensland**
- **National Library of Australia**
- **APAC**
- **The University of Melbourne**

- Home
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- News & Events
- Current Projects
- Open Repositories 2006
- Contacts
- Jobs

LATEST NEWSLETTER now available

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PRESENTATIONS FROM Open Repositories 2006 are now available as links from the conference program.

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PHOTOS FROM Open Repositories 2006 available here

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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?

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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