Adopting wide generic background of OAI
Will not get into details such as current debate on precise definition of Open Access
Aim to provide brief overview of background and current state of play in Australia
Cover E-Prints/ E-Presses and digital repository movements in universities and National Library of Australia
Origins of Oz Initiatives

- Twin movements: “meeting” of science digital repositories, e.g., Geoscience Australia and E-Print Initiatives, usually from libraries
- Occasional misunderstandings between computer scientists and librarians as to definition of “digital libraries” term
- Issues are more than polemical debate on science serials
Oz E-Prints Origins

- ANU E-Prints launched September 2001
- Links particularly with SPARC and Raym Crow’s drafts (then) for institutional repositories
- Need for both vision and ability to carry forward within institutional settings – Cliff Lynch’s papers very helpful re administrators
- CAUL survey of E-Prints, January 2004
- 2000 documents lodged without sustained campaign of advocacy
- 219,306 pdf downloads: science, Asian studies and law predominate. Top article in science - 1765 downloads
- Top countries without spiders Oz/USA 62%. Top countries with spiders 80% USA/Oz
- Need for almost individual scholar advocacy in certain science disciplines
Group of Eight Universities: Adelaide, ANU, Melbourne, Monash, Queensland, Sydney, University of NSW and University of Western Australia.

Funded ANU Roadshow on E-Prints 2002 (see UK initiative 2004)

Combination of advocacy advice and technical issues
Aim:

To establish a self-archiving institutional repository of research papers for the University of Melbourne.
Currently, February 2004, 237 items: thesis, reports, working papers, conference papers and journal articles from 11 Faculties

Links to collection policy, technical advice, and copyright policies of publishers based on the ROMEO site

Significant hits from overseas – like elsewhere pick up by Google, OAIster, etc.
2003 - 584 items deposited, 1062 subjects
Electronic archive to showcase research output of UQ academic staff and postgraduate students
Postgraduates very important in this process, particularly outside science, where limited publication opportunities exist
E Prints evolves into E Press

- Problem in Australia, for scholars, particularly younger ones, in publishing monographs
- E Print “success” led to evolution of E Presses as new open access models
- Influence and benefits from work of Roy Tennant and University of California eScholarship – visit March 2003 by Tennant
- Links to research assessment, eg QUT
Welcome to the Project website

We are currently developing the mature ANU E Press.

Please direct all enquiries to:
anuepress@anu.edu.au
Funded by Vice Chancellor over three year period with primary aim to distribute research output in social sciences and humanities

Return to original concept of University Press – promoting only output of ANU researchers

Concentration on monograph publishing

Profits not the motive see Library Input/ Press Output of research material. Same open access principles
Monash University ePress

Monash University ePress will publish, online, a critical mass of quality scholarly publications. The main content type will be ejournals, but the ePress will also publish selected monographs and conference papers.

Monash University ePress operates with the following goals:

- advancement of scholarly communication by reducing the costs of and barriers to access,
- providing a more direct link between readers and writers of scholarly material,
- promotion of Monash University's research, teaching, and intellectual capital

Both unpublished and previously published material will be considered for publication, including material already published or being published in electronic form.
Monash University E-Press 2

- **Goals:** advancement of scholarly communication by reducing costs of and barriers to access
  - Providing a more direct link between readers and writers of scholarly material
  - Promotion of Monash University’s research, teaching and intellectual capital
  - Concentration on serials initially
SETIS eTexts

SETIS (the Scholarly Electronic Text and Image Service at the University of Sydney Library) has created well over 350 electronic texts since its establishment in 1996. Most of these texts are available at the SETIS Australian Studies site for free download. The site also includes keyword searching across all texts to enhance intensive research within the texts, or simply for the enjoyment of the general reader.

As a contribution to the re-establishment of Sydney University Press as an e-publishing platform, these texts will be converted to print-on-demand format. Requests for print availability can be addressed to sales@sup.usyd.edu.au.

The first e-Texts soon to be made available for print on demand publication include:
MUP Online

MUP Electronic Publishing Projects

MUP is developing an exciting electronic publishing programme. We will be creating a range of e-books, e-journals and print on demand titles as well as enriching our website with free online content.

Available Titles

Democracy by the late Richard McGarvie

If Australia does choose to become a republic, there is a safe way to proceed. Democracy shows the way. Also available in paperback.

Kidspeak by June Factor

A dictionary of everyday words and expressions, including slang, used by Australian children and teenagers, now and in the past. Also available as a hardcover book.
About UTSePress

The members of the UTSePress Steering Group:

- University Librarian, Alex Byrne (Chair)
- Chair of the Academic Board, Professor Tony Baker
- Dean nominated by the Vice-Chancellor, Professor Joyce Kirk
- Dean of the Faculty of the Humanities and Social Sciences
- Technical Adviser, Flode Datu Lawton
- Director (Library Resources Unit), Representative of the Research Office, Stephan Wellink

The tasks of the Steering Group, as indicated by the Vice-Chancellor, will be to:

1. Establish the scope of UTSePress, making recommendations on organisational structure including the terms of reference and composition of the UTSePress Board.
2. Take steps to protect the name UTSePress, relevant Internet domains and any associated intellectual property.
3. Develop the initial guidelines for the operation of UTSePress including the criteria for approval of imprints and publications.
4. Identify the initial imprints and publications of UTSePress.
5. Guide the first phase of the development of the infrastructure for UTSePress including the establishment of the Technical Committee.
6. Make any other necessary recommendations for the future operation and development of UTSePress.
Digital Objects Repository Management Forum, May 2003, University of Sydney


Very useful overviews particularly of large scale datasets, grid computing and work of National Library
National Library of Australia

- Metadata harvesting and delivery of national resource discovery services:

- Digital services architecture
  - Informed by OAIS Reference Model

- Resource Discovery Service searching
Metadata harvesting and resource discovery

- Services include:
  - Kinetica
  - PictureAustralia (testing OAI harvesting)
  - Register of Australian Archives and Manuscripts
  - MusicAustralia
  - Resource Discovery Proof of Concept
- Use of TeraText Database System
- “Harvester” project
- Experimentation with OAI
NLA Digital Services Architecture

ILMS OPAC

Metadata Repository and Search System

Resolver Service

Delivery Systems

Digital Collections Manager and Digital Archiving System

Digital Object Storage System
Australian Government Initiatives

- Lobbying from digital repository people/science and University Librarians led to national appreciation of linked up approach
- Role of DEST Higher Education Information Infrastructure Committee (now ARIIC)
- DEST working party scoped E Print repositories – John Shipp and Colin Steele
$12 million Australian to make “Australia’s research information ... more easily accessible and better managed” Acting Minister for Education, Science and Training

Four projects covering 15 Australian universities, Australian and international libraries, industry representatives and international organisations
Work of McLean and Dalziel: COLIS – now IT Systems and Repositories Project (IIS&R)

- Umbrella system to manage range of specific modules which can achieve single sign on
- Integration with existing legacy systems
- Evolution of MAMS – Meta Access Management System (next ppt)
Macquarie MAMS

Access System

University B MAMS
- Learning Management System (scripting enabled)
- Learning Object Management System (reverse proxy enabled)
- Library Premium Databases (IP restrictions enabled)

Access System

University A MAMS
- Library Premium Databases (Kerberos enabled)

Kerberos Certificate system
- Digital Rights Management System (Kerberos enabled)

LDAP

X.500
- Australian Partnership for Sustainable Repositories (APSR) through ANU’s Centre for Sustainable Digital Collections
- Develop national research infrastructure through broad repository based architecture
- Access continuity, sustainability of digital collections, national coordination and international linkages
Core: Digital Continuity and Sustainability Program (NLA focus)

Practices and Test-beds Program: ANU - Integrated repository framework; Usyd - E-humanities and continuity; UQ - eScholarship Australia; APAC - E-research data management

International Linkages Program

National Services Program
Australian Digital Theses Program
ADT Program Information Page

Background
- Aims & Overview
- Background
- EDUCAUSE99 paper

ADT@aglance
- ADT@aglance
- FAQ
- Example - depositing a thesis

Project Administration & Standards
- How to join
- Standards Overview
- Definition of a thesis
- Document format
- Adobe Acrobat settings
- PDF security settings
- Filename standard
- Metadata standard
- Retrospective conversion
- E-commerce model

Project Software
- Software Overview
- Details
- Deposit Form
- Notes on using Deposit form

Project Members
- Membership Letter (PDF)
- Membership contact details
- Forum (members only)
Conclusion

- Need for continued action at international cooperative level in issues relating to scholarly communication, eg
- University of California initiatives
- February 19 conference at Southampton University: “National Policies on Open Access Provision for University Research Output”
- June 1 National Scholarly Communication Forum in Canberra, Australia
Conclusion: Bright Futures rather than Dark Visions?