

THE AUSTRALIAN NATIONAL UNIVERSITY

THE WIZARDS OF OZ: OPEN ARCHIVES INITIATIVES DOWN UNDER



Structure of Presentation

- 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



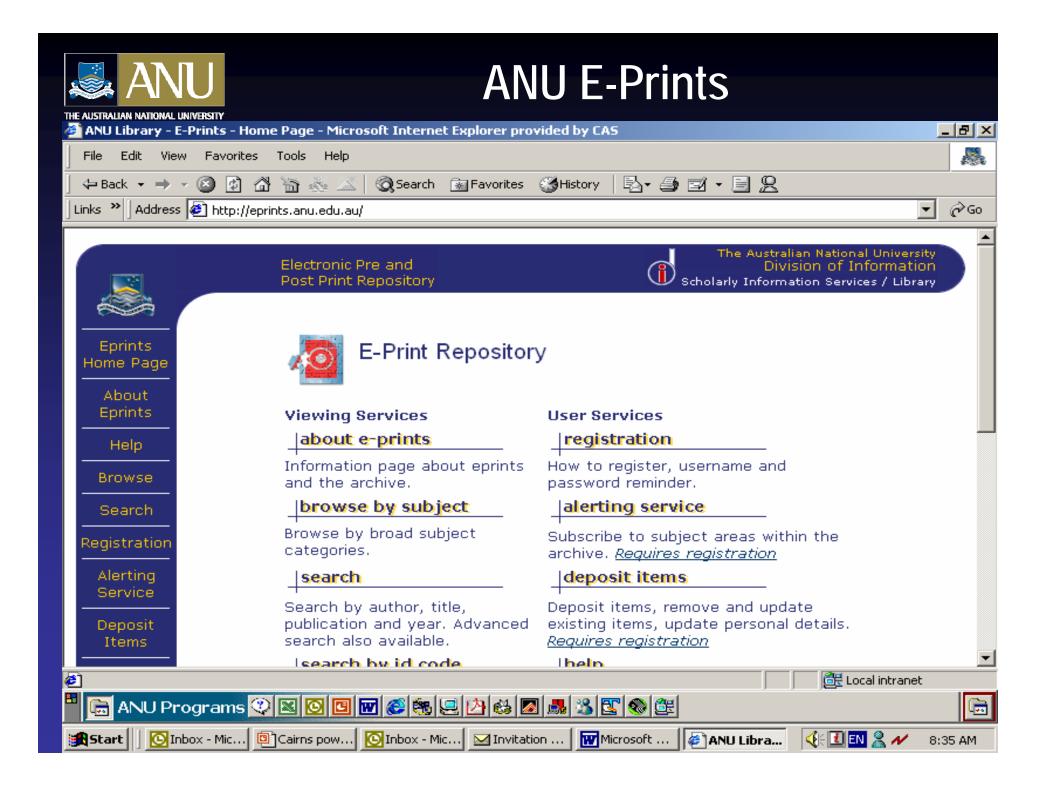
Origins of Oz Initiatives

- Twin movements: "meeting" of science digital repositories, eg 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





ANU E-Prints 2003

- 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

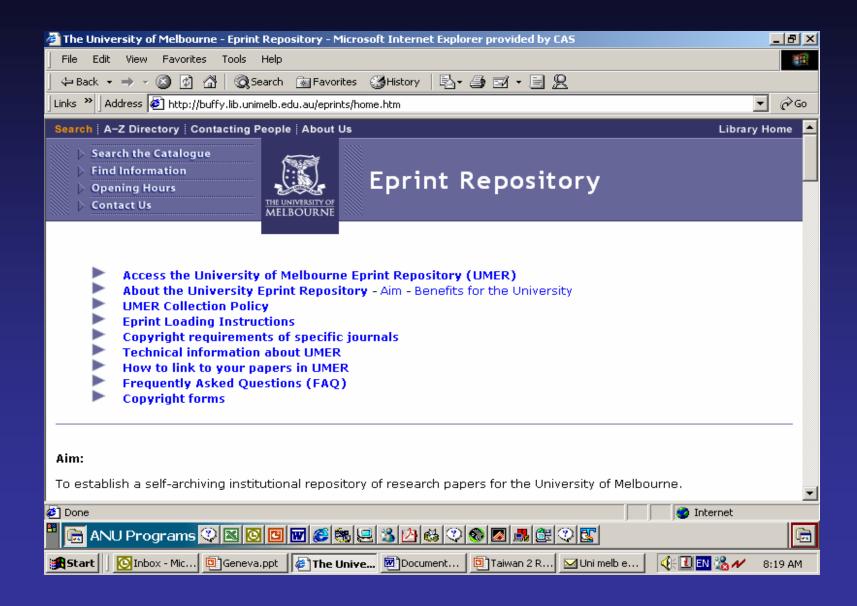


G08 Roadshow 2002

- 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



University of Melbourne E-Prints



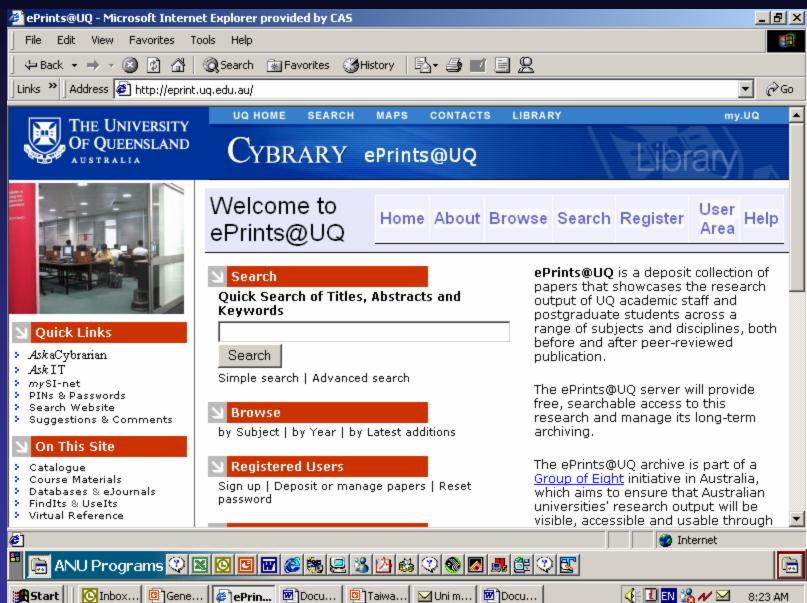


University of Melbourne 2

- 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, OAlster, etc.



University of Queensland



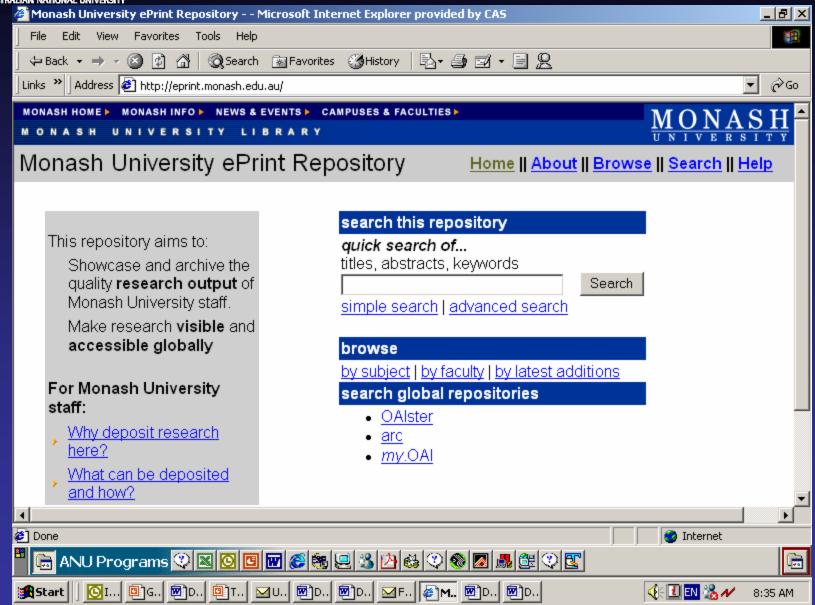


University of Queensland 2

- 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



Monash University E Prints





QUT E-Prints





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



ANU E Press

ANU E Press - Microsoft Internet Explorer provided by CAS _ B × File Edit View Favorites Tools Help 4⇒ Back ▼ ⇒ ▼ ② ② ③ ⑥ △ 🔾 Search 📓 Favorites 🍪 History 🛮 🖏 💋 🔟 🗸 📃 🥷 Links » Address 🐔 http://epress.anu.edu.au/ ∂Go. Skip Navigation | ANU Home | E Press Home | Contacts | Site Map | DOI ANU E Press ANU E Press E Press Home About E Press Policies Help □ FAQ's Author Guidelines Welcome to the PRESS □ Contacts Project website o E Press Titles □ Out of the Ashes We are currently deve Welcome to the ANU E Press □ Viet Nam During the course of 2 Making Sense of the... the mature ANU E Pre E Press Staff Please direct all enqu Related Links anuepress@anu.edu.a EPrints Digital Theses Other ANU Publishers About the ANU E Press Done 🗮 Local intranet 🔚 ANU Programs 😲 🔣 🔘 🖪 🐷 🏈 😓 🕉 🗗 🝪 😲 🚳 🗷 🎩 🌊 😲 🖫 OF EIEN & N 8:32 AM

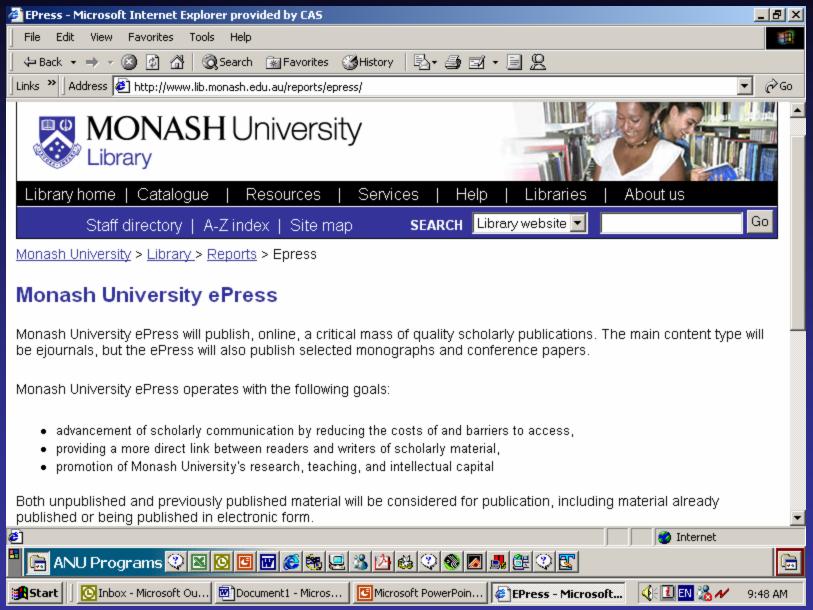


ANU E Press 2

- 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 E Press



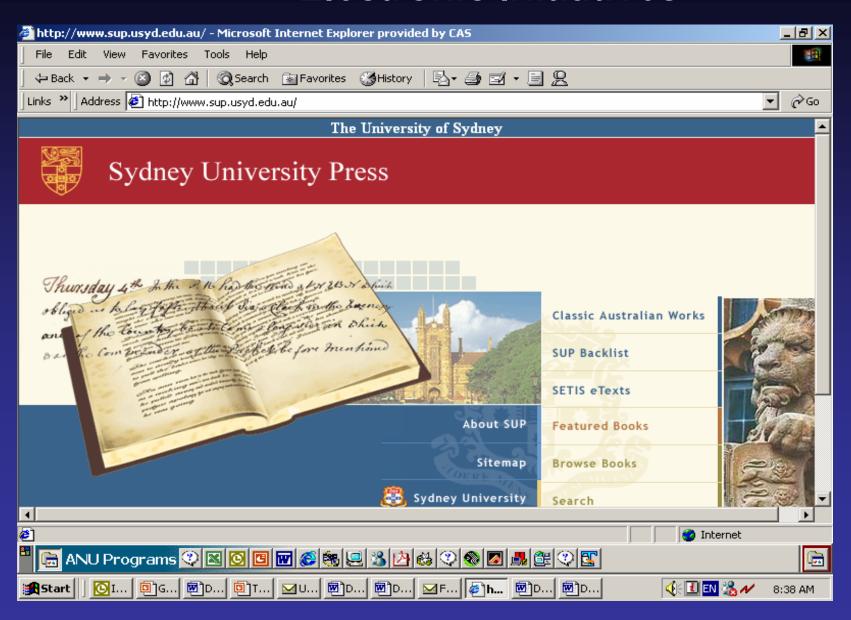


Monash University E-Press 2

- 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

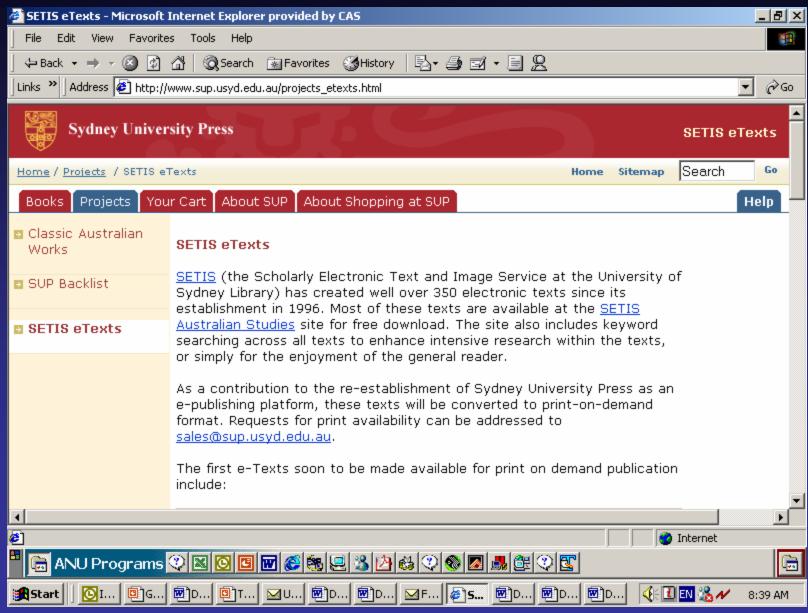


Sydney University Press Electronic Initiatives



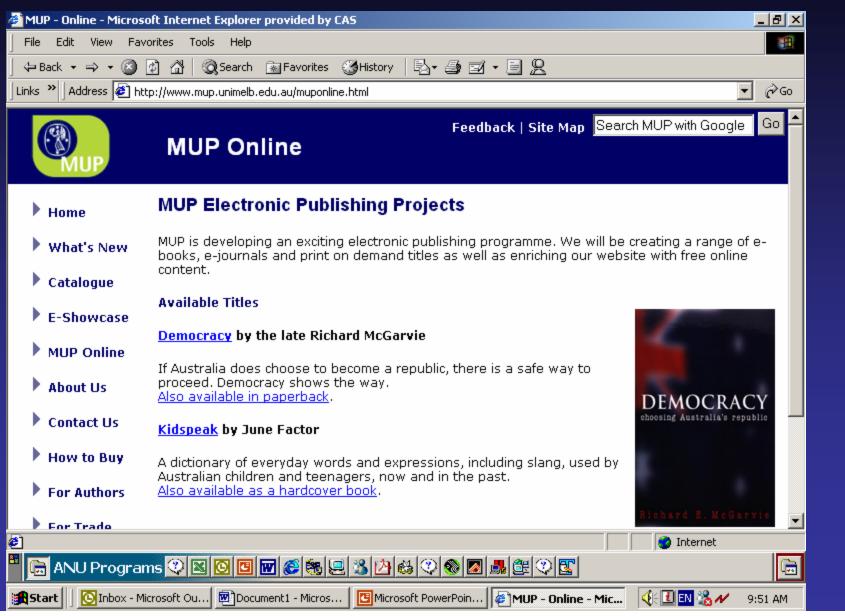


Sydney University Press 2



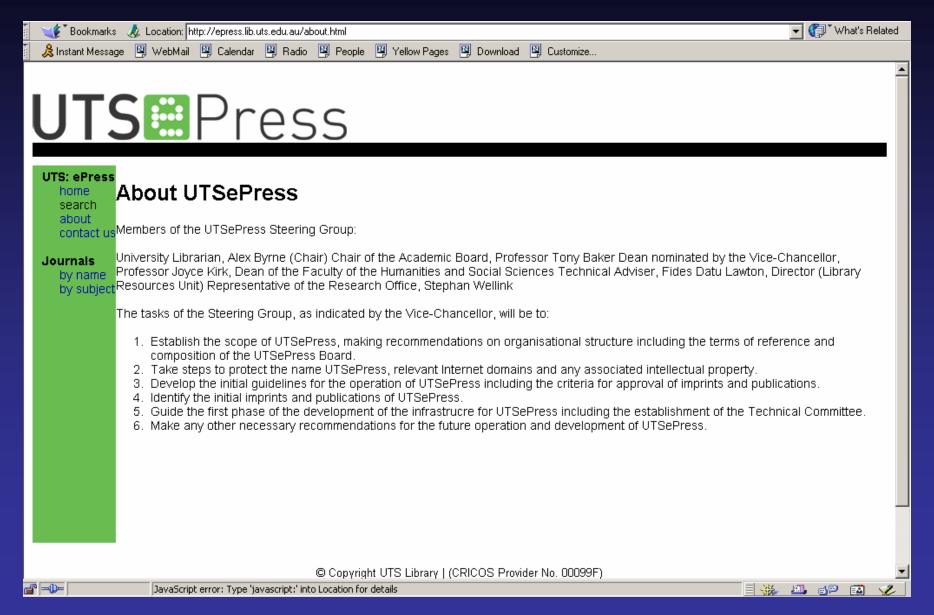


Melbourne University Publishing: Electronic Initiatives





UTS E Press 2004





Information Infrastructure: Backing Australia's Ability

- Digital Objects Repository Management Forum,
 May 2003, University of Sydney
- http://www.library.usyd.edu.au/dest/forum.html

 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:
 - http://www.nla.gov.au/nla/staffpaper/200 3/dcampbell1.html
- Digital services architecture
 - Informed by OAIS Reference Model
 - http://www.nla.gov.au/nla/staffpaper/200 3/cathro1.html
- Resource Discovery Service searching
 - http://www.nla.gov.au/rds/



National Library Australia 2



Metadata harvesting and resource discovery

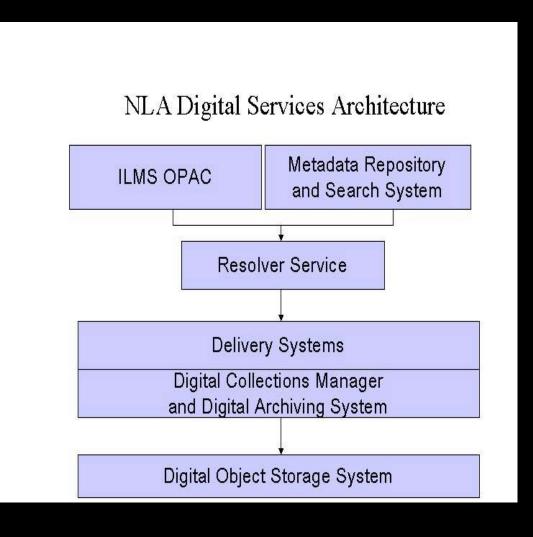
- * Services include:
 - Kinetica
 - PictureAustralia (testing OAI harvesting)
 - Register of Australian Archives and Manuscripts
 - MusicAustralia
 - Resource Discovery Proof of Concept
- Use of TeraText Database System
- * "Harvester" project
- * Experimentation with OAI





National Library of Australia 3









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



Australian Government Grants: October 2003

- \$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

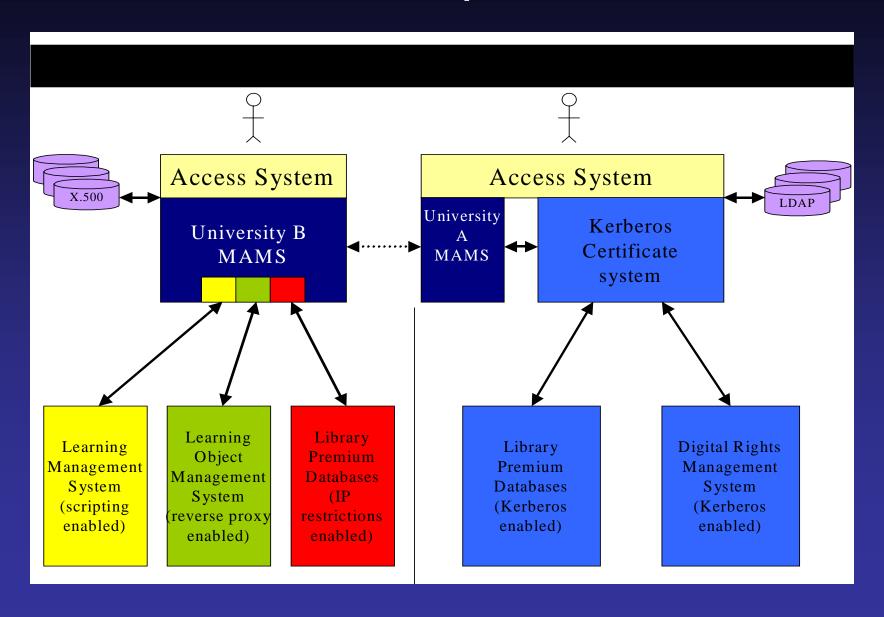


Macquarie University E-Learning Centre of Excellence (MELCOE)

- 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





Australian National University: APSR

- 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

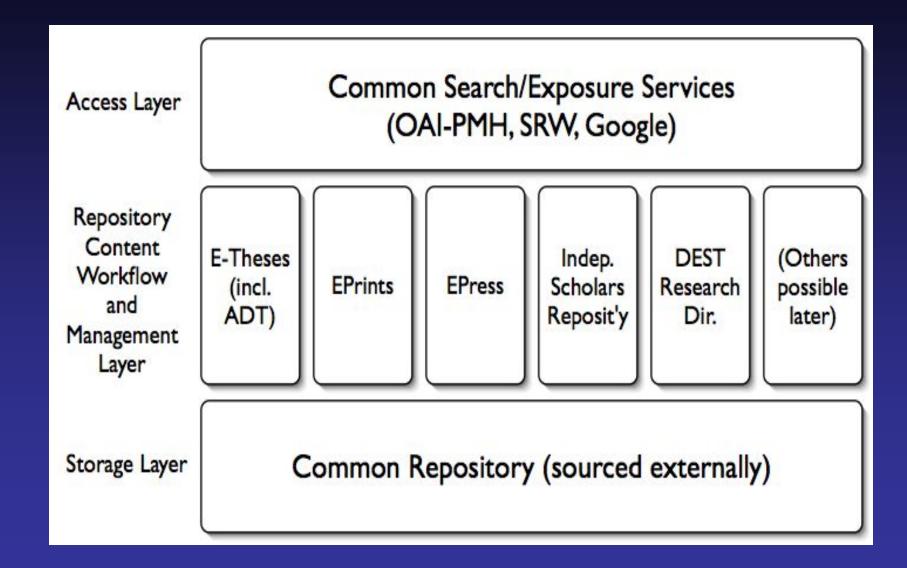


APSR 2

- 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 - Eresearch data management
- International Linkages Program
- National Services Program

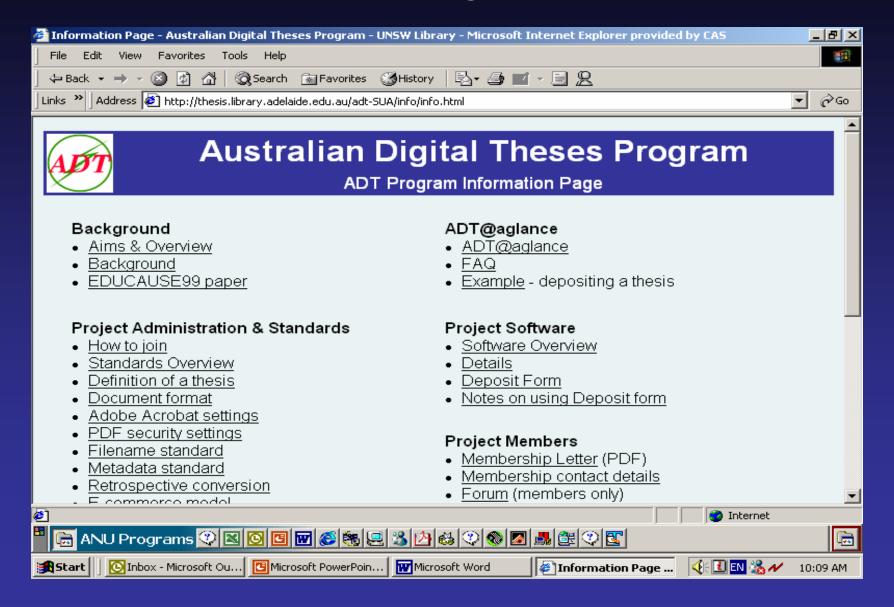


Monash University: ARROW





Australian Digital Theses Extension





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?

