

Caroline Drury: <u>druryc@usq.edu.au</u> Kate Watson: <u>kwatson@usc.edu.au</u> Peter Sefton: <u>pt@ptsefton.com</u>

> Open Repositories Conference Madrid, Spain - July 2010





Overview

- ANDS
- CAIRSS
- Australian Institutional Repository Community state of play
- Survey Methodology
- Findings of surveys
- Learning from the past
- Summary and questions





Australian National Data Service (1)

- Australian govt funded as part of NCRIS and EIF initially to mid-2011, now extended to mid-2013
- Australian Code for the Responsible Conduct of Research = "The Code"
- Collaboration between Monash University, Australian National University, and the Australian Commonwealth Scientific and Industrial Research Organisation (CSIRO)
- "More researchers sharing and re-using more data more often"





Australian National Data Service (2)

- Four inter-related programs:
 - Developing Frameworks
 - Providing Utilities
 - Seeding the Commons
 - Building Capabilities
- RIF-CS (Registry Interchange Format Collections and Services)
 - based on ISO2146 Registry Services standard
 - <u>http://ands.org.au/resource/rif-cs.html</u>





Australian National Data Service (3)

- Australian Research Data Commons
- Current ANDS Services:
 - Research Data Australia
 - Publish My Data (people to machine)
 - Register My Data (machine to machine)
 - Identify My Data (persistent identifiers)
- Coming Soon:
 - Classify My Data
 - Research Party Infrastructure (ARDCPIP)





CAIRSS

- CAUL Australian Institutional Repository Support Service: March 2009 – March 2011
- Follow on from IR establishment funding rounds
- Support service for Repository Managers and technical staff of all Australian universities
- Particular focus on:
 - Excellence in Research in Australia (ERA)
 - Repository Copyright
 - Australian National Data Service (ANDS)
 - Australian Digital Theses (ADT)



AUL AUSTRALIAN INSTITUTIONAL REPOSITORY SUPPORT SERVICE



Australian IR Community: State of Play

- 100% of Australian universities have an IR
- Seven software platforms currently in use
- Majority managed on-site
- Majority are strongly linked to the Library
- Some also have links to Research Office





- Annual survey run by CAIRSS, targeted as progress report of Australian research repositories, updating from 2009.
- Areas of interest include:
 - Repository size, purpose, staffing, software, stats
 - Links between IRs and other institutional systems
 - ANDS, repositories and research data
 - Perceptions of repositories
 - Feedback for CAIRSS



Findings of surveys (1)

- Respondent rate: 82% (32 out of 39 universities)
- Awareness of ANDS Services: higher than expected, although little use of services as yet (highlighted pressure of other current challenges)
- ERA is currently the main focus / pressure point



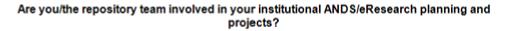


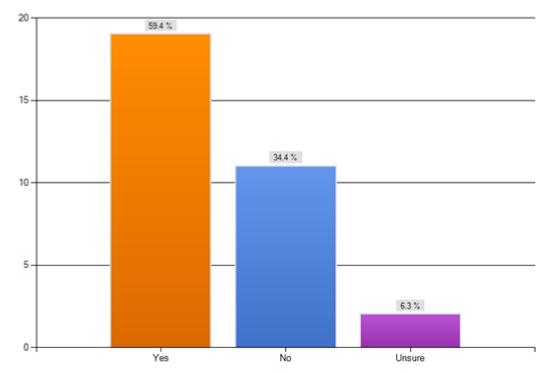
- Plans for ANDS-related activities still vague:
 - Just under half planning to use IR for ANDS/data purposes
 - Some have no plans to use IR for ANDS / data purposes
 - Some don't yet know
- Awareness of "the Code": 81% indicated high levels of awareness
- Involvement of IR staff in ANDS-related planning: Lower than expected, and an area needing work





Findings of surveys (3)





Involvement of repository staff in ANDS planning





Findings of surveys (4)

- Majority felt that ERA had caused a bigger impact on the IR than ANDS activities at this stage.
 - One major impact was a significant (in some cases) lowering of the % of OA content in repositories.
- Use of Persistent Identifiers (PIDs) in IRs:
 - Many IRs use more than one type (eg Handles for records, DOIs for publisher links)
 - 56.7% use Handles; 63.0% use DOIs
 - 30.0% use some other form of PID (IR-specific)

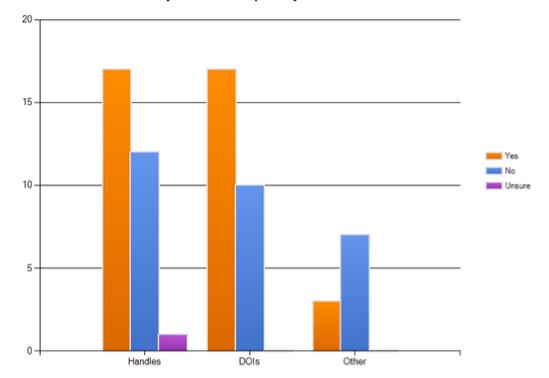


CAUL AUSTRALIAN INSTITUTIONAL REPOSITORY SUPPORT SERVICE



Findings of surveys (5)

Have you implemented any of the following types of persistent identifiers in your research repository?



Use of PIDs in Institutional Repositories





Learning from the past

- Using Ontologies
 - Linked Data Project between University of Southern
 Queensland (USQ) and University of Newcastle
 - Aim is to create a locally managed authority management service which will be populated with identifiers which can be synchronized with global identifiers and national services
 - Also include locally relevant identifiers





Summary

- We need to do the following:
 - More information from ANDS to the IR Community
 - More feedback from the CAIRSS Community to ANDS
 - More passing on of valuable experience from Repository Managers to ANDS
 - Higher levels of awareness of impact of data management





Thanks Questions?

Caroline Drury druryc@usq.edu.au

ANDS: <u>http://www.ands.org.au/</u> CAIRSS: <u>http://cairss.caul.edu.au</u> ADFI: <u>http://www.usq.edu.au/adfi</u>