

Ready or not here it comes:
Australian institutional research
repository data readiness surveys 2010

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Overview

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

ANDS:

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”*

ANDS:

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
 - <http://ands.org.au/resource/rif-cs.html>

ANDS:

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)

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

Survey methodology

- 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)

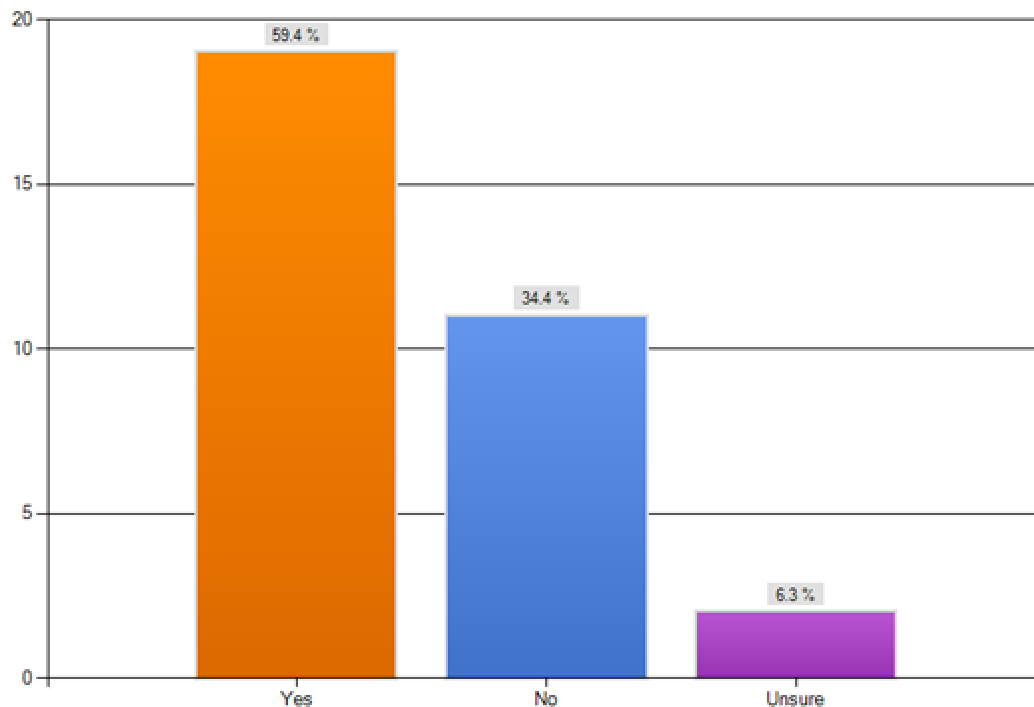
- Respondent rate: 82% (32 out of 39 universities)
- Awareness of ANDS Services: higher than expected, although little use of services as yet (highlighted pressure of other current challenges)
- ERA is currently the main focus / pressure point

Findings of surveys (2)

- 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)

Are you/the repository team involved in your institutional ANDS/eResearch planning and projects?



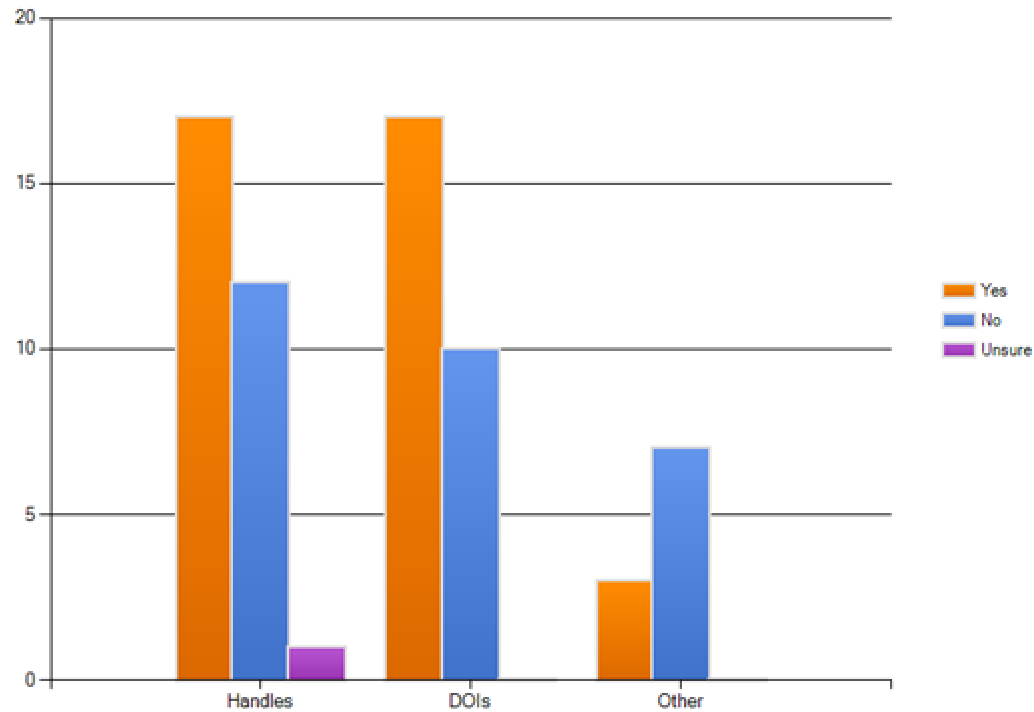
Involvement of repository staff in ANDS planning

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)

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?

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