Engaging Stakeholders
the Key to Successful Research Data Management Services at UQ Library

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Scholarly Communication and Repository Service

The University of Queensland Library

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Today

- The engagement strategies and approaches in the Research Data Management (RDM) campaign

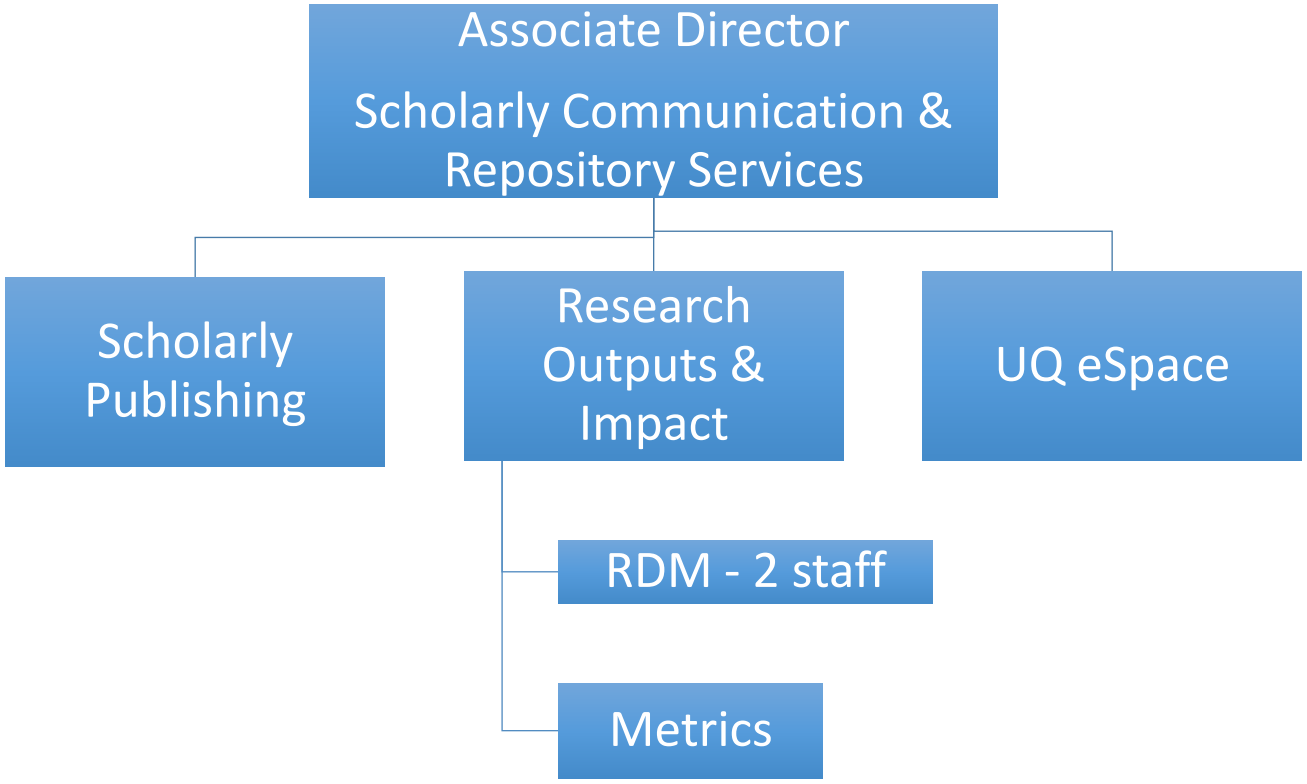
- What has been achieved to date

Background – The University of Queensland

- 6 faculties, 9 research institutes
- 1,452 “research focused” staff
- $8 mil for 22 UQ-led research projects in 2015
- Large amount of data generated in Medicine, Chemistry, Biochemistry, Genetics and Molecular Biology

Background – the RDM team

- Established in 2011



Goals for the RDM team

- To raise RDM best practice awareness within the UQ research community
- To get researchers to promote RDM best practice in their groups
- To provide expertise to the senior management of the University when developing RDM policy and procedures

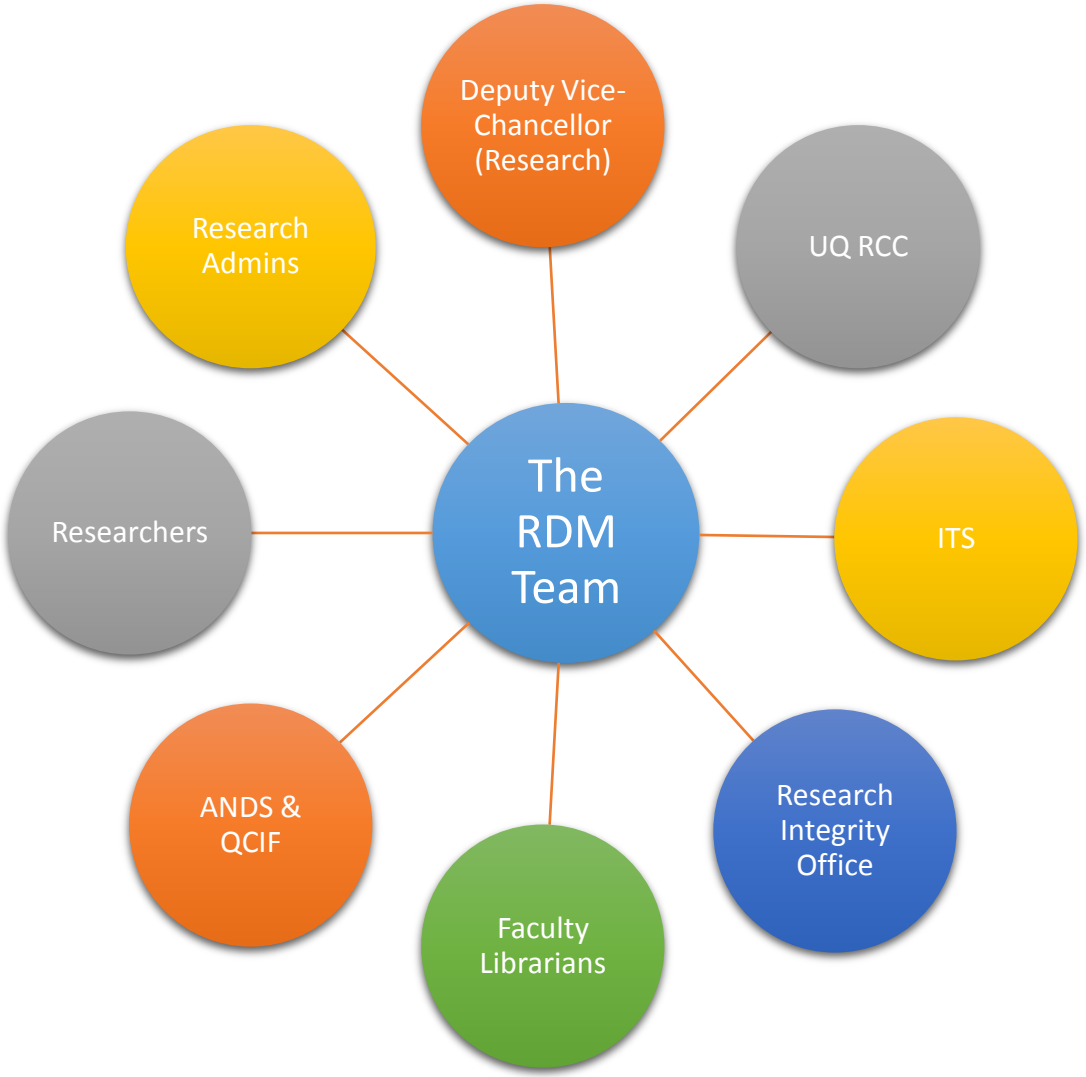
Strategies

- Build the (Librarians) knowledge of RDM
- Identify stakeholders across UQ and beyond
- Systematically engage stakeholders
- Work with the University policy makers

Build the knowledge

- Principles, concepts and best practice in RDM
- Organisational structure, functionality
- Operational practice within research groups

Identify stakeholders



Systematically engage stakeholders

- Working with the University policy makers
- Gathering user feedback (and stories)
- Gaining support from IT services
- Establishing good relationships with research administrators
- Making connections with external data service providers
- Training librarians to be able to provide support for Research Data Management

Working with the University policy makers

- The Office of the Deputy Vice-Chancellor (Research)
- UQ Research Computing Centre
- The Research Committees at Faculty and School-levels

Gathering user feedback (and stories)

- Consultation
- Meetings
- Trainings

Results clearly indicated that researchers expect for the University to take the responsibility to provide and support data storage infrastructure; and to promote best practice in RDM.

Gaining support from IT services

- ITCG meeting
- Research Storage Working Group
- Enhancing Systems and Services Project
- Library Technology Service – UQ eSpace

Establishing good relationship with research administrators

- UQ Research Administrator Network (UQRAN)
- UQ Faculty and Institute Research Managers (The FIRM)
- UQRCC newsletter

Connecting with external data service providers

- Australian National Data Service (ANDS) - guidelines and training
- Research Data Australia (RDA) – discovery platform
- Queensland Cyber Infrastructure Foundation (QCIF) – storage solutions
- AARNET, Cloudstor+ - storage and file transfer solutions

Training librarians

Three levels

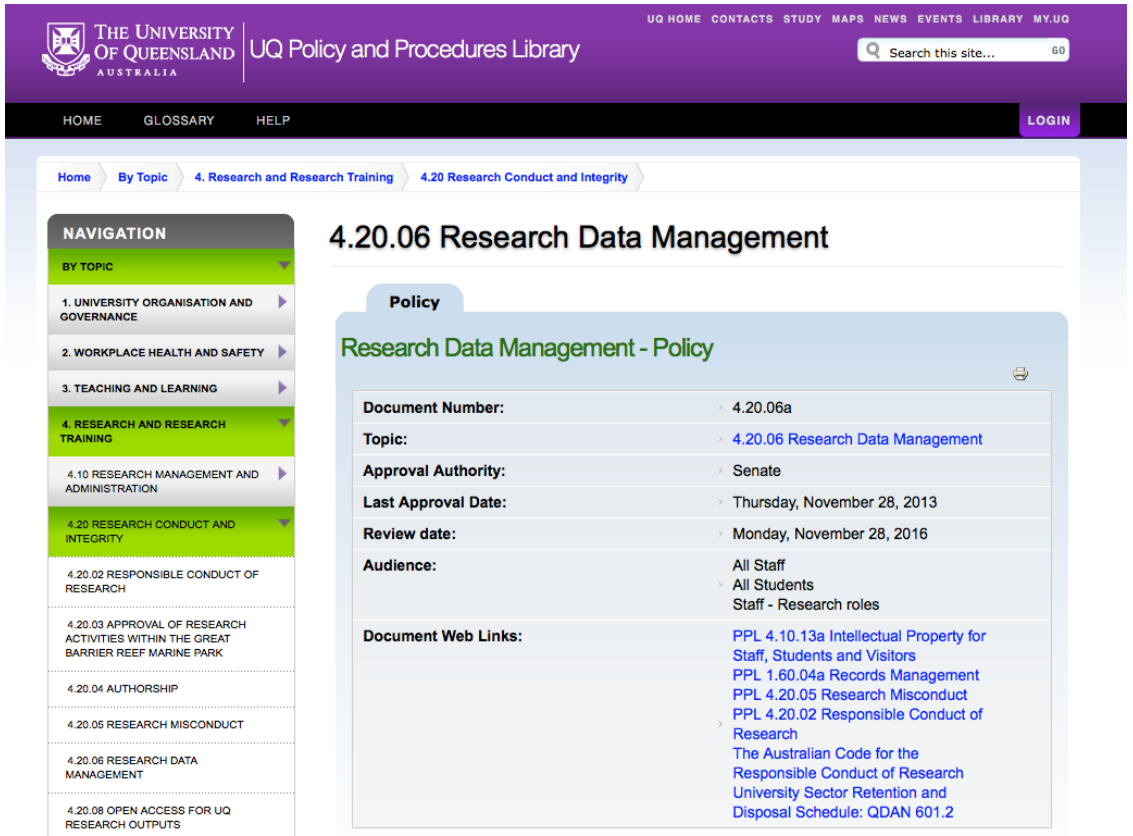
- Level one – RDM awareness and understanding, all Librarians
- Level two – Interactive session to further discuss UQ RDM related issues, service providers
- Level three – in-depth knowledge and skills, specialists

Outcomes

1. UQ Research Data Management Policy was established in 2013
2. The Online Data Management Planning tool DMP Online was implemented in 2014
3. The RDM training was integrated in the University staff training programs in 2012
4. Thomson Reuters' Data Citation Index database started harvesting UQ eSpace repository metadata records in 2014
5. ANDS's funding was obtained to support two research data collection projects in 2014 and 2016
6. A work flow was established to harvest data records stored on Queensland Cyber Infrastructure Foundation (QCIF) and UQ local storage facilities in 2014
7. UQ Library Data Management Service Levels were established in 2012

UQ Research Data Management Policy

- Ownership, storage, retention, disposal, access
  https://ppl.app.uq.edu.au/content/4.20.06-research-data-management



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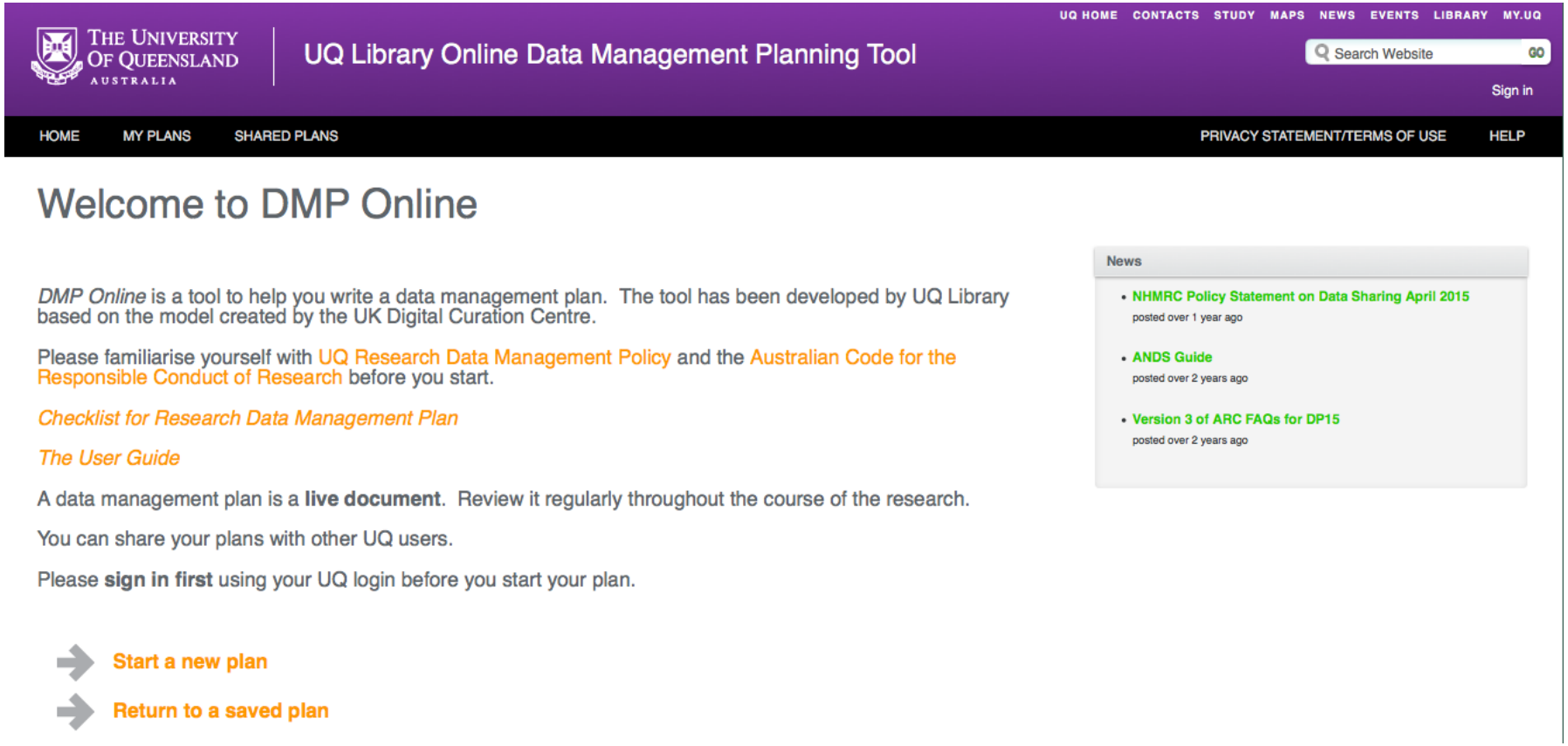
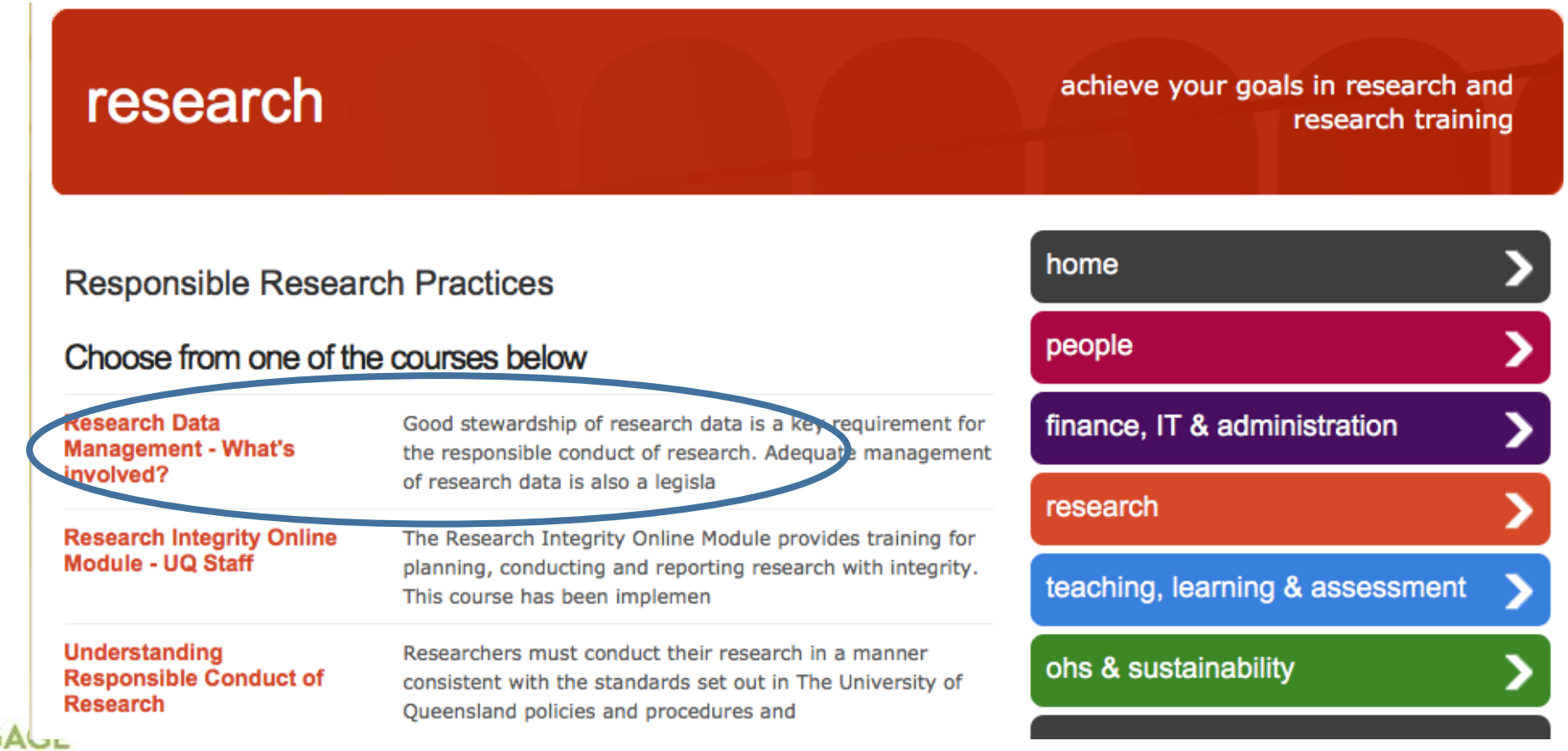
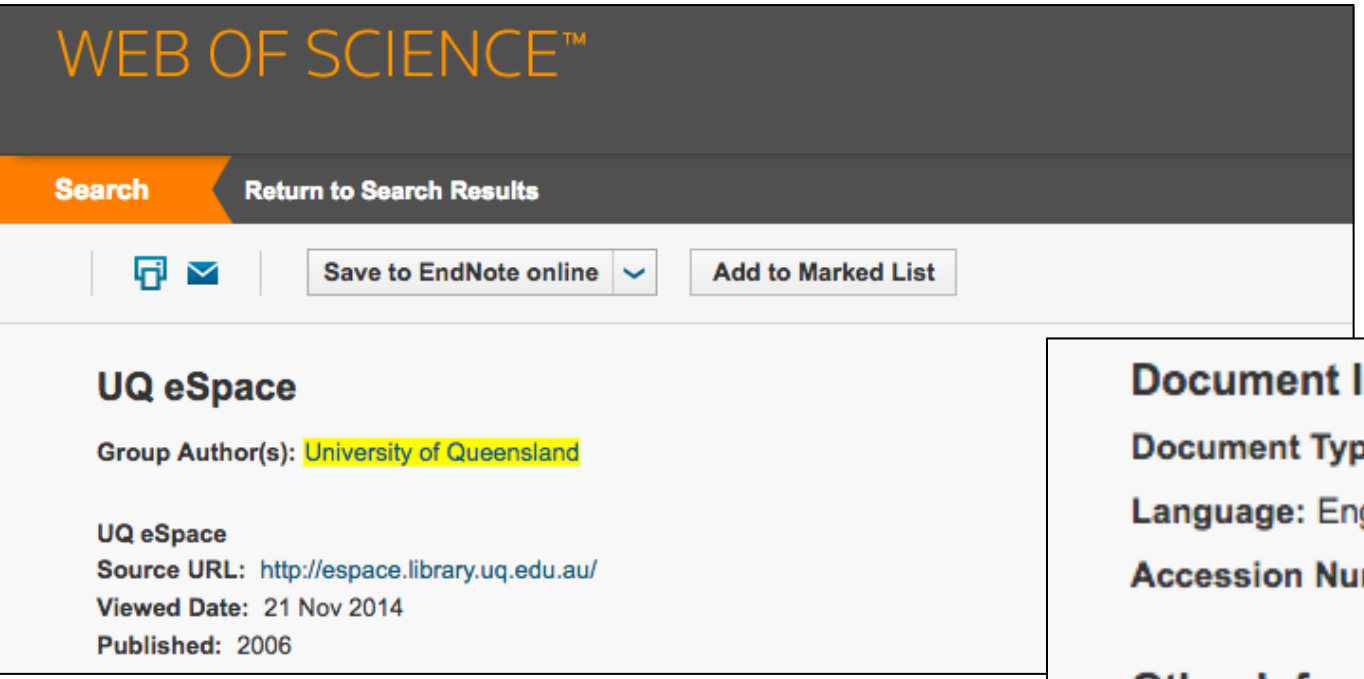
The Online Data Management Planning tool DMP Online

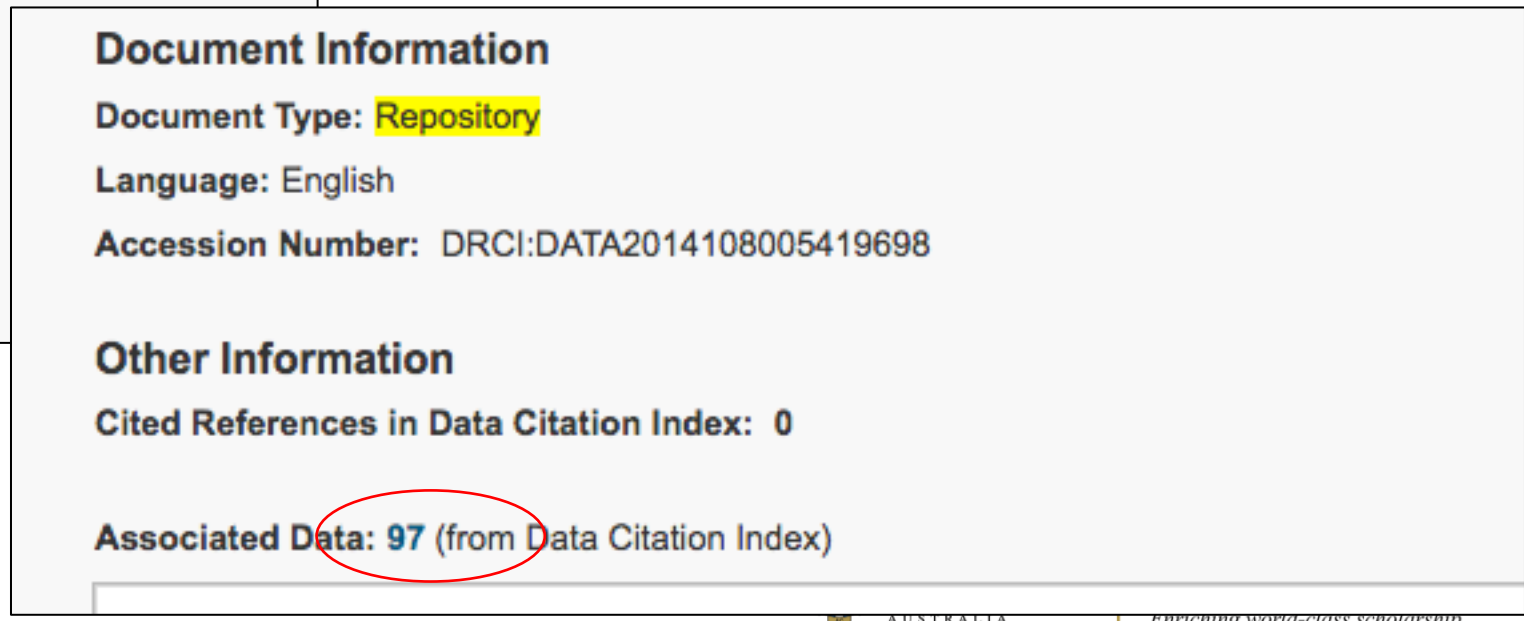


The RDM training was integrated in the University training programs



Thomson Reuters' Data Citation Index database started harvesting UQ eSpace repository metadata





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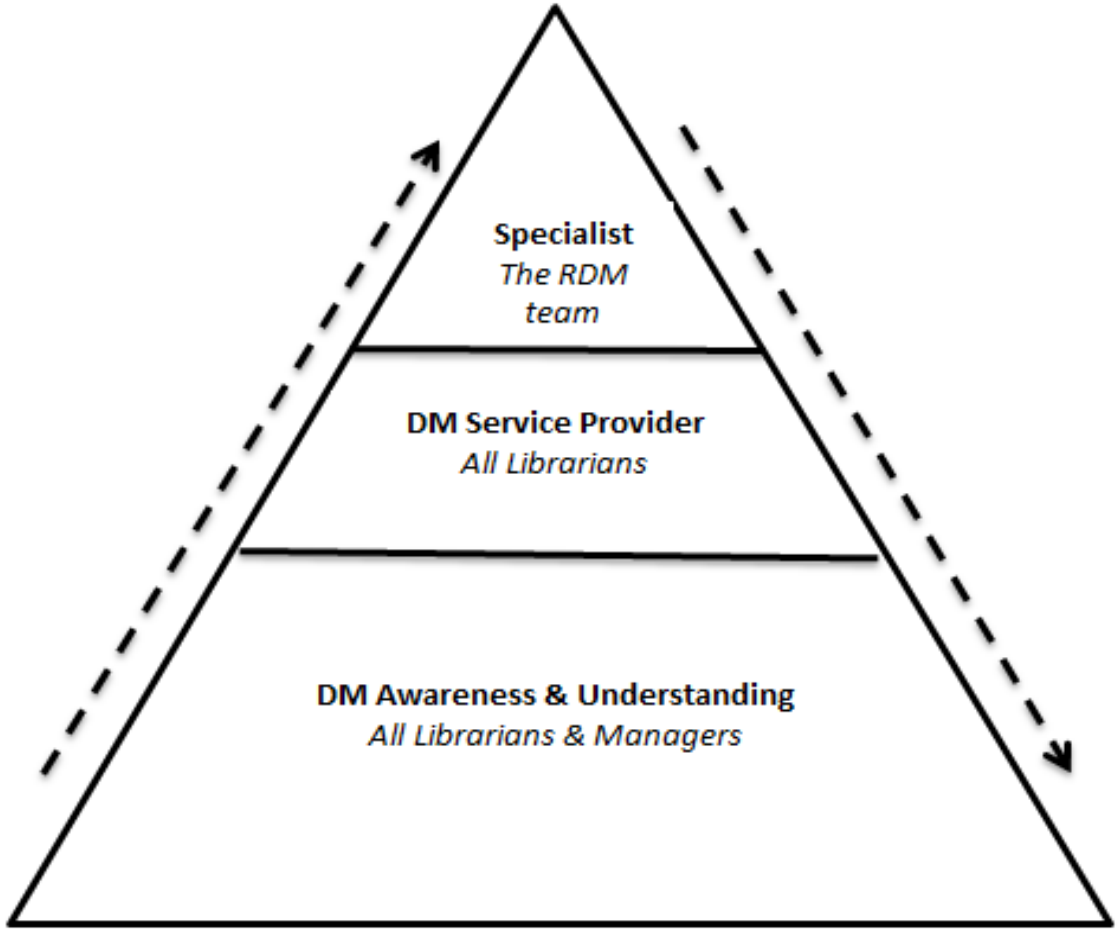
ANDS's funding was obtained to support two research data collection projects

- Indigenous languages recorded as part of Queensland Speech Survey
  http://espace.library.uq.edu.au/view/UQ:360108
- Publication driven data sharing initiative

A work flow was established to harvest data records stored on Queensland Cyber Infrastructure Foundation (QCIF) and UQ local storage facilities

- UQ eSpace has a record for every dataset stored on QCIF facilities

UQ Library Data Management Service Levels were established



Next …

- Research Data Management Project in UQ Enhancing System and Services Program
- Develop short, topical and hands-on training workshop series for researchers
- Further develop RDM team members' knowledge and skills in RDM
- Work with UQ eSpace team to enhance metadata records best practice