Joining the Dots
how best to support research data management within a university?

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Birds of a Feather session, eResearch Australasia, 2011

Eating the elephant ....

March, 2011 – Manager, Research Data Collections Service

- develop library policy about research data management
- develop training for librarians, academics and RHD students
- develop Web and print materials
- develop tools, e.g. templates, checklists

I also needed to:
- develop a network
- build alliances
- create partnerships
- find synergies
- get the word out

Methods:
- Interviews + surveys
- Presentations + publicity
- Attending events
- Working groups
- Volunteering

JOINING THE DOTS, Birds of a Feather session, eResearch Australasia, 2011
Strands in the Web

- Commercialisation
- IP and ownership
- Patents and licensing

Catalysts

- Data deposit
- Data sharing

Repositories

- Internal
- External

Storage providers

- Contracts
- Agreements
- MOUs

Legal services

- Copyright lawyer
- Data sharing

Library

- Grants
- Ethical clearance

Research Office

- Assess storage needs
- Provide HPC services
- Networked storage
- Formats
- Tools and services

Research policy

Who, what, where, when, why?

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The One-Door Policy

- Data description
- Ownership / IP
- Ethics / compliance
- Metadata
- Formats and software
- Sharing / collaborating
- Security and storage
- Retention / destruction
- Long term ‘homes’

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Research page – still in development

Research support available to you

What you can do

Discover:
- Search Catalogue/ Summon/Databases
- Audit your research skills
- Book a consultation or interview
- Attend a class
- Recommend item [Request non-UQ item] Request data
- Find new books/journaling services/blog

Engage:
- Find collaboration tools
- Manage references/edit files
- Manage research data

Publish and share:
- Get help with writing and publishing
- Measure your research impact
- Share or deposit data
- Track trends in scholarly publishing

How we can help

Research assistance
Contact your Research Information Service Librarian for research support and help with complex queries

Scholarly publishing and repositories
Open access | UQ ePress | Copyright | Theses

ResearcherID
ResearcherID Profile Guide | ResearcherID FAQ

Metrics and rankings
Research output and impact | Fact sheets

Data sharing, data management
Data management planning | Fact sheets | Tools | Services | Data repositories

Digitisation
Advice and guides

National reporting
IRAD | RESEDC

http://www.library.uq.edu.au/research

The tools

Currently developing
- knowledge base
- fact sheets
- referral lists
- ratings for tools and services

Scoping survey
- what data we have
- what primary materials we have

Gap analysis – what’s missing?
- services
- infrastructure
- training

TIP
Use survey data and gap analysis as evidence to lobby for what is needed

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Achievements

- Input into UQ policy and procedures
- Secondments to QCIF/RCC for eResearch/metadata
- Embedded in
  - UQ staff development program (from 2012)
  - UQ research training life cycle
  - UQ RHD training
  - Special events, e.g., Research Week, Graduate Student Week
  - Grant awards process

My tips
Create the vision of how it could be | Get support from the top | Look for like-minded people | Take people with you | Network all the time | Use demonstrator projects to sell the vision | Gather data to help you lobby for what you need

Implementation: training librarians for new jobs

At this point

Gauge Refer Advise Support Partner

Outreach activity might include
- Raising awareness about issues and services
- Surveying RHD students about data management practices
- Identifying data collections for RDA
- Conducting data interviews for RDA
- Developing and providing basic checklists and templates
Outreach activity might include:
- Offering grant recipients help with data scoping
- Helping write plans and documentation
- Partnering/add value to funding applications
- Data rescue advice
- Specific skill training, e.g., data mining, visualisation
- Assistance with specific tools or services
- Embedding staff within research teams

Implementation: training librarians for new jobs

Outreach activity might include:
- Digitisation projects, e.g., photographs, maps, rare books
- Transcription projects, e.g., manuscripts, diaries, letters
- Developing methodologies for ‘citizen’ science projects
- Partnering on eResearch bid proposals
- ‘Embedding’ staff within research teams
- Managing crowd-sourced projects

Implementation: training librarians for new jobs