Developing a Research Data Management website

Jez Cope
Technical data co-ordinator

Research360 project

12 March 2012
1 Our approach
   Where we started
   Guiding principles
   The process

2 Other considerations
   Support structures
   Local issues

3 What’s next?
Outline

1. Our approach
   - Where we started
   - Guiding principles
   - The process

2. Other considerations
   - Support structures
   - Local issues

3. What’s next?
Where we started

Research Development & Support Office

Research Data

- University of Bath Road Map for EPSRC - Compliance with Research Data Management Expectations

Research Data Management

What types of data are you creating? Who owns the data? What volume of data do you currently have? Where are the data stored? How frequently are your data backed up? Who can access your data? How long do you need to maintain your data?

Research Data Management is organising and preserving research data so that it can be available for future use. Properly managed research data can be better shared among the wider research community, enhancing the long-term value of the work. This webpage has been designed as a central point of information about Research Data Management for researchers at the University of Bath. It utilises resources from other institutions, many of which are outputs from JISC funded projects.

For more information and guidance, contact research-data@bath.ac.uk.

This information should be read in conjunction with the University's Code of Good Practice in Research.

http://www.bath.ac.uk/rdso/datamanagement.html
Where we started

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Where we started

One long page

Rarely updated

Hard to find

http://www.bath.ac.uk/rdso/datamanagement.html
Where we started

http://www.bath.ac.uk/rdso/datamanagement.html

Rarely updated

One long page

Hard to find

Poorly structured
Guiding principles

• Short and sweet
Guiding principles

• Short and sweet
• Link to external information sources
Guiding principles

- Short and sweet
- Link to external information sources
- Continual improvement
Guiding principles

• Short and sweet
• Link to external information sources
• Continual improvement
• Multiple routes in/through
  • Left-hand navigation: organise by topic
  • Home page: organise by task
1. Develop aims & objectives

Our aims

- Improve researchers’ RDM practice
- Give info on planning
- Give advice on keeping data safe
- Flag up support services
The process

1. Develop aims & objectives
2. Consider audience

Questions

- What are their needs?
- What are their constraints?
- How do these map to our aims?
The process

1. Develop aims & objectives
2. Consider audience
3. Draw up content plan

Consider
- Logical structure
- Navigation
- Audience needs
The process

1. Develop aims & objectives
2. Consider audience
3. Draw up content plan
4. Prioritise & assign responsibilities

Who?
- Initially project team
- Transition to support depts
The process

1. Develop aims & objectives
2. Consider audience
3. Draw up content plan
4. Prioritise & assign responsibilities
5. Draft and agree on content
The process

1 Develop aims & objectives
2 Consider audience
3 Draw up content plan
4 Prioritise & assign responsibilities
5 Draft and agree on content
6 Publish
The process

1. Develop aims & objectives
2. Consider audience
3. Draw up content plan
4. Prioritise & assign responsibilities
5. Draft and agree on content
6. Publish
7. Iterate
Research data

Research data is any material collected, observed, or created for the purposes of analysis to generate original research results, irrespective of the format of data. It may be digital, paper based or in other forms.

**Overview of research data management, sharing and archival**

Use the links below to find help for particular tasks, or browse the menu on the left by category.

**What to do when...**

### ...planning a project
- Write a data management plan
- Find out what your funder expects
- Use tools and templates to write a data management plan
- Request research storage, *Pis only* (BUCS)

### ...working on a project
- Learn how to keep your data safe
- Organise and document your files
- Write or update your data management plan

### ...finishing a project
- Find out what your funder expects
- Select data for archival
- Choose a suitable archive/repository
- Digitise non-digital data

### ...using someone else’s data

### ...somebody wants your data

### ...you want to know more
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Contact us (email)
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**...using someone else’s data**

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**...you want to know more**
Writing a plan

What should a good data management plan look like? You should consider the following issues when planning your data management:

- What new data will you produce? What types/formats? How much?
- What existing data could you reuse?
- How will you store and back up your data?
- How will you organise and describe your data for future use?
- Who will need access to your data and how will you control this?
- What data will you want to archive after the project? Where and for how long?
- Who will archived data be available to and under what license?
- What existing resources are available to meet these needs? What additional resources may be required?
- Who will be responsible for each of these elements?

More information

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- How to Develop a Data Management & Sharing Plan (Digital Curation Centre)
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   - Support structures
   - Local issues

3. **What’s next?**
Support structures

Training

• For postgraduate students:
  • Face-to-face workshops
  • E-learning module
Support structures

Training

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• For support staff:
  • Collaboration: Melbourne, UKOLN and Bath
  • http://immersiveinformatics.org/
Support structures

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• For research staff:
  • One-to-one advice with specific queries
  • Data management planning workshops
Support structures

Single point of contact

- One email address: research-data@bath.ac.uk
- Mentioned regularly on the website
- Forwards requests to research data team
Local issues

• Where should it live?
• Where should it live?
  • Answer:
    http://www.bath.ac.uk/research/data/
Local issues

• Where should it live?
  • Answer:
    http://www.bath.ac.uk/research/data/

• What template should it use?
Local issues

• Where should it live?
  • Answer: http://www.bath.ac.uk/research/data/

• What template should it use?
• How will people find it?
Local issues

• Where should it live?
  • Answer:  
    http://www.bath.ac.uk/research/data/

• What template should it use?
• How will people find it?
• How to manage the single point of contact?
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Lessons learnt

• Getting content from busy people takes time
Lessons learnt

• Getting content from busy people takes time
• Up-front planning saves time…
Lessons learnt

• Getting content from busy people takes time
• Up-front planning saves time…
• …but don’t let it take over
What’s next?

• Scheduled review & update
  • Expand some sections
  • Add new content
  • Add more external links

• Regular link check
Any questions?

http://bath.ac.uk/research/data/