Classifying RDM training content and resources

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The DCC lifecycle model

http://www.dcc.ac.uk/resources/curation-lifecycle-model
Managing Research Data resources

Five disciplinary training projects in first MRD programme:

• CAIRO - performing arts
• DataTrain - archaeology and social anthropology
• DATUM for health - health studies
• DMTpsych - psychology
• Research Data MANTRA - geosciences, social science & clinical psychology

http://www.jisc.ac.uk/whatwedo/programmes/mrd.aspx
MRD materials mapped to lifecycle

Appraise and select

Modules that cover selection when deciding what to preserve

Key resources are:

<table>
<thead>
<tr>
<th>Resource</th>
<th>Description</th>
<th>Project</th>
<th>Discipline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managing art as research data</td>
<td>Selection, file formats, metadata, long-term preservation. Includes case study of using metadata.</td>
<td>CAiRO</td>
<td>Creative and performing arts</td>
</tr>
<tr>
<td>[Online learning unit]</td>
<td></td>
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</tr>
<tr>
<td>Working with digital data</td>
<td>Organising and naming files, various file formats, selection. Exercise describing structure and file naming system for students' own files.</td>
<td>DataTrain</td>
<td>Archaeology</td>
</tr>
<tr>
<td>[PPT slides, presentation notes, exercise template forms]</td>
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</tbody>
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http://www.dcc.ac.uk/training/train-trainer/disciplinary-rdm-training
Researcher friendly lifecycle

Creating your data
Do you know what formats to use or how to manage IPR and ethics? Who can help you explain this in your data plan?

Organising your data
Can you name your files, structure your folders and control versions in a way that makes data easy to find and use?

Accessing your data
Can you and your collaborators access all of the files you need? How does the storage you choose affect options for remote access?

Looking after your data
How can you store and back-up your data securely? Can the repository help you select and care for your data in the long-term?

http://www.glasgow.ac.uk/datamanagement
Simplifying terminology

• Metadata → documentation and context
• Appraisal → selection, choosing what to keep
• Preservation → looking after your data

avoid jargon
explain what you mean
keep things simple!
DMP requirements

Funders typically want a short statement covering:

- What data will be created? (format, types, volume)
- What standards and methodologies will be used?
- How will you manage ethics and Intellectual Property?
- What are the plans for data sharing and access?
- What is the strategy for long-term preservation?

http://www.dcc.ac.uk/resources/data-management-plans
Skills and training needed

What data will be created? (format, types, volume)
- Knowledge of formats, handling large volumes...

What standards and methodologies will be used?
- Metadata, methods / good practice, data handling....

How will you manage ethics and Intellectual Property?
- Consent agreements, security, licensing, legal expertise...

What are the plans for data sharing and preservation?
- Data centres, repositories, preservation approaches...
Roles and responsibilities for RDM

Librarians, archivists, information professionals
Senior managers
Researchers
Data centres
IT experts
Ethics advisors
Lawyers, copyright experts

Training for researchers and all those who support them
New MRD training projects

**RDMTPA** - Postgrad and ECRs in physics & astronomy

**SoDaMaT** - Sound Data Management Training

**TraD**: psychology, computer science & research support

**RDMRose** – iSchool course for liaison librarians

[http://tiny.cc/RDMTrain02](http://tiny.cc/RDMTrain02)

Watch this space!
Thanks - any questions?

For DCC guidance, tools and case studies see:

www.dcc.ac.uk/resources