Data Management Planning: what’s happened, what’s happening, and what’s coming next...

Workshop Overview and Introduction

Martin Donnelly
Digital Curation Centre
University of Edinburgh

IDCC2013 Pre-Conference Workshop
Amsterdam, Netherlands
14 January 2013
Running order

1. Housekeeping
2. Plan for the day
3. Recap! What are we talking about, exactly?
4. Data management planning: a short history, or, how we got here
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1. Housekeeping

- Fire alarms
- Bathrooms
- Breaks
- Twitter hashtags
  - Workshop #idccDMP
  - Conference #idcc13
Running order

1. Housekeeping

2. Plan for the day

3. Recap! What are we talking about, exactly?

4. Data management planning: a short history, or, how we got here
## 2. Plan for the day (11.00 – 13.30)

<table>
<thead>
<tr>
<th>Times</th>
<th>Session</th>
<th>Speaker / Chair / Participants</th>
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<tr>
<td>11.00 – 11.30</td>
<td>Welcome and workshop overview</td>
<td>Speaker: Martin Donnelly, Digital Curation Centre, University of Edinburgh</td>
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<td>11.30 – 12.30</td>
<td>Policies update (four 15-min sessions)</td>
<td>Chair: Martin Donnelly</td>
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<tr>
<td>11.30</td>
<td>UK</td>
<td>Veerle Van den Eynden, Economic and Social Data Service</td>
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<td>11.45</td>
<td>US</td>
<td>Rachel Frick, Digital Library Federation</td>
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<td>12.00</td>
<td>Europe</td>
<td>Carlos Morais-Pires, European Commission</td>
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<td>12.15</td>
<td>Australia</td>
<td>David Groenewegen, Australian National Data Service</td>
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<tr>
<td>12.30 – 13.30</td>
<td>Lunch and networking</td>
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2. Plan for the day (13.30 – 16.00)

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<tr>
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<tr>
<td>13.30 – 14.30</td>
<td>Tools update: including short demos of new functionality and descriptions of future plans, and updates on liaison with funders, outreach, education, etc.</td>
<td>Chairs: Carly Strasser / Martin Donnelly</td>
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<td>13.30 – 14.00</td>
<td>DMP Online (UK and beyond)</td>
<td>Speaker: Kerry Miller Digital Curation Centre, University of Edinburgh</td>
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<td>14.00 – 14.30</td>
<td>DMPTool (US and beyond)</td>
<td>Speaker: Sarah Shreeves, University of Illinois at Urbana-Champaign</td>
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<td>14.30 – 15.00</td>
<td>Session on institutional policies and DMP-related work in the UMF institutional engagements (DCC)</td>
<td>Speaker: Sarah Jones, Digital Curation Centre, University of Glasgow</td>
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<td>15.00 – 15.45</td>
<td>Stakeholders' panel discussion.</td>
<td>Chair: Andrew Sallans, University of Virginia / DMPTool</td>
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<td>Panellists: Rachel Frick; Sarah Jones; Veerle Van den Eynden; David Groenewegen</td>
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<tr>
<td>15.45 – 16.00</td>
<td>Summary, close, tea, coffee and networking</td>
<td>Summariser: Carly Strasser, California Digital Library</td>
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What is a DMP? (i)

Research funders typically ask for:

- A short statement/plan to be submitted alongside grant applications (* In the UK, NERC ask for two versions: one at application stage, another when project is underway)

- An outline of what will be created/collected, methods, standards, metadata, sharing/access and long-term storage

- How and why – justify decisions and any limitations
What is a DMP? (ii)

In general, they want to know:

- What kinds of data will be created and how?
- How will the data be documented and described?
- Are there ethical and Intellectual Property issues?
- What are the arrangements for data sharing and third-party access?
- What is the strategy for longer-term preservation?

But they all have different requirements, and express them in different ways.
Who’s involved in this process?

- Just the principal investigator? (ultimately responsible)
- What about the research assistants?
- And the institution’s funding office?
- And the Library/IT?
- What about partners based in other institutions?
- And commercial partners?
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A short history

- UK funder expectations (2009)
- Development of Checklist, DMP Online and other resources (2009-10)
- NSF policy requirement (2010)
- Development of DMPTool (2011)
- Developments and discussions further afield (2012, 2013...)
Impetus

- Liz Lyon, “Dealing With Data”
- UK funder expectations
- NSF data requirement
- UK government Open Access policy
- European Commission?
Actions

- Creation of generic Checklist
- Development of DMP Online
- Development of DMPTool
- Supporting resources
DMP International

- DCC was a founder member of the US DMPTool consortium, and we continue to work together. Joint workshops at IDCC in Amsterdam (here!) and iSchools Conference in Texas (Feb 2013)

- Working with ANDS in Australia to deploy DMP Online on the NECTAR academic cloud.

- European Commission has encouraged DCC to propose a pilot DMP tool for Horizon 2020. Expecting a DMP requirement in the next funding programme...
Key things to remember

- All research projects are different, so there’s no one-size-fits-all DMP approach
- The DMP will depend upon the nature of the research AND its context (funder, domain, institution(s) etc)
- DMPs are useful *communication tools* between multiple stakeholders
- Keep the twin goals of DMP in mind throughout, i.e.
  - Keep sensitive data safe
  - Enable reuse via ongoing access
Printed DMP resources

- “Dealing with Data” (Lyon, 2008)
- Analysis of Funder Policies (Jones, 2009)
- Checklist for a Data Management Plan (Donnelly and Jones, 2009)
- “How to Develop a Data Management and Sharing Plan” (Jones, 2011)
- DMP Online briefing paper (Donnelly and Richardson, forthcoming 2012)

Links to all DCC resources via [http://www.dcc.ac.uk/resources/data-management-plans](http://www.dcc.ac.uk/resources/data-management-plans)
Dank u wel

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www.dcc.ac.uk/resources/data-management-plans

For other DCC services see www.dcc.ac.uk or follow us on twitter @digitalcuration and #ukdcc

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