

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

Workshop Overview and Introduction

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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

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2. Plan for the day (11.00 – 13.30)

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

2. Plan for the day (13.30 – 16.00)

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

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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?

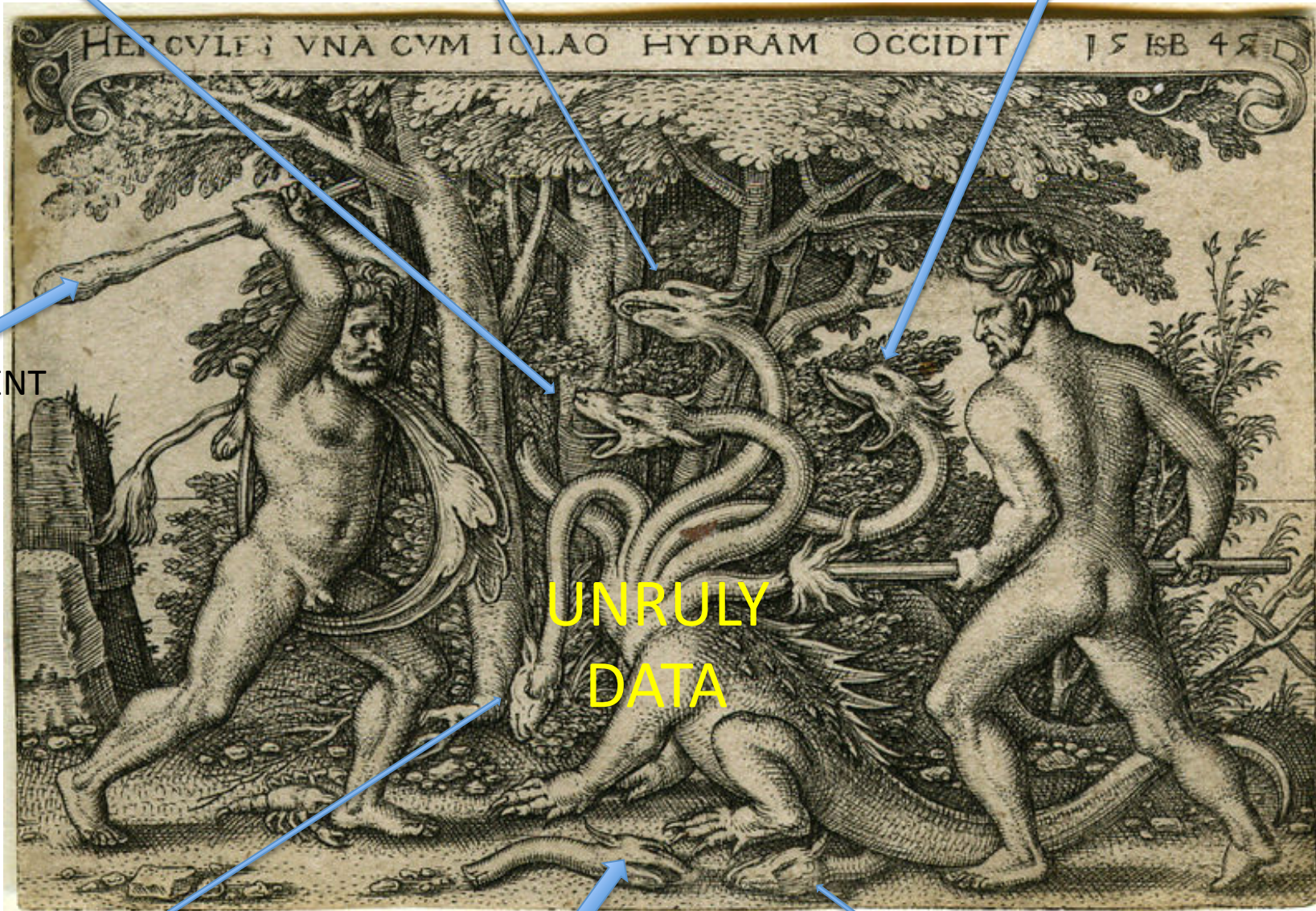
- Just the principal investigator? (ultimately responsible)
- What about the research assistants?
- And the institution's funding office?
- And the Library/IT?
- What about partners based in other institutions?
- And commercial partners?

Researcher

Research Support Office

Data Library / Repository

DATA MANAGEMENT
...PLAN?



Computing Support

Faculty Ethics Committee

Etc...

Running order

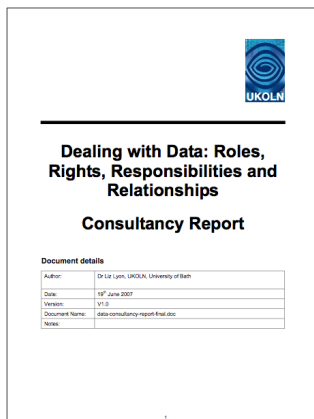
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A short history

- Liz Lyon, “Dealing With Data” (2008)
 - 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
- ACTION
- IMPETUS
- ACTION AND IMPETUS
-
- The diagram consists of a list of six items on the left. On the right, four curly brackets group these items into four categories. The first two items are grouped under 'IMPETUS'. The next three items are grouped under 'ACTION'. The fourth item is grouped under 'IMPETUS'. The last two items are grouped under 'ACTION AND IMPETUS'.

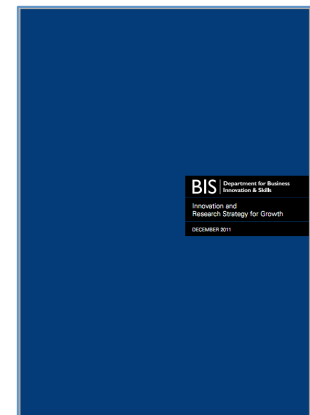
Impetus

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



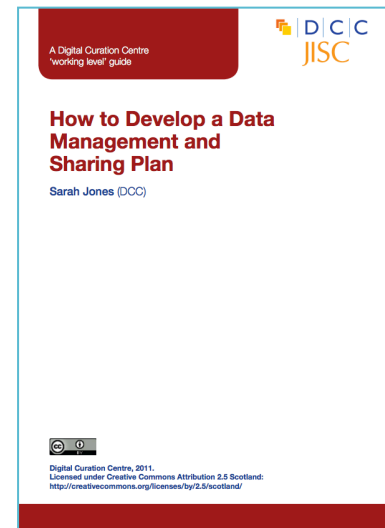
● Full Coverage ● Partial Coverage ○ No Coverage

Research Funders	Policy Coverage			Policy Stipulations				Support Provided			
	Published outputs	Data	Time limits	Data plan	Access/sharing	Long-term curation	Monitoring	Guidance	Repository	Data centre	Costs
AHRC	●	●	●	●	●	●	○	●	○	●	○
BBSRC	●	●	●	●	●	●	●	●	●	●	●
CRUK	●	●	●	●	●	●	●	○	●	○	○
EPSRC	●	●	●	○	●	●	●	○	○	○	●
ESRC	●	●	●	●	●	●	●	●	●	●	○
MRC	●	●	●	●	●	●	○	○	●	○	○
NERC	●	●	●	●	●	●	●	●	●	●	○
STFC	●	●	●	●	●	●	●	○	●	○	○
Wellcome Trust	●	●	●	●	●	●	●	●	●	○	●



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...

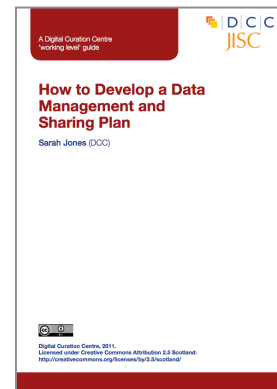
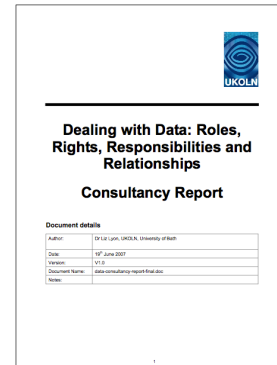


Key things to remember

- ✓ 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)
- “Data Management Plans and Planning” (Donnelly, 2012) in Pryor (ed.) *Managing Research Data*, London: Facet
- DMP Online briefing paper (Donnelly and Richardson, forthcoming 2012)



Dank u wel

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



JISC

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Slide 12 - http://en.wikipedia.org/wiki/File:Hercules_slaying_the_Hydra.jpg