DMP Online in the UK:

Now and Next

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Running Order

I: The History of DMP Online
  • How it developed

II: DMP Online v3.0
  • How it works
  • Working with institutions and funders
  • Supporting researchers
  • Usage

III: Future plans
  • The Checklist
  • The Online tool

IV: Contact details and resources
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I: History of DMP Online – How it Developed

• It started out as an exercise to create a ‘Checklist’ for researchers to use when writing a DMP,

• A list of all the UK funders’ requirements was created and gathered into thematic groups, then supplemented with our own expertise... (Donnelly & Jones, 2009),

• This became the first ‘Data Management Plan Content Checklist v1.0’ – it had 51 questions/headings,
I: History of DMP Online – How it Developed

• v1.0 of the checklist was then sent out for consultation – resulting in v2.0 which had 88 questions collected under 27 headings,

• The questions in Checklist v2.0 were then mapped to each funder’s data-related requirements,

• It was realised that the simple checklist had become too complex to be a useful in its current form and so an online tool – DMP Online - was created,
I: History of DMP Online – How it Developed

- DMP Online allows researchers to write DMP’s based on their funders requirements and to received guidance while doing so,

- v3.0 of DMP Online was launched in May 2012.
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II: DMP Online v3.0 – How it Works

DMP Online is a web-based tool that enables users to...

i. Create, store and update multiple versions of DMPs at the application and in-project stages
ii. Meet funders’ specific data-related requirements
iii. Get funder- and institution-specific guidance on best practice and helpful contacts
iv. Customise and export DMPs in a variety of formats
v. Overlay multiple templates
vi. Share plans with other researchers or support staff
vii. Produce customised institutional versions of the tool
II: DMP Online v3.0 – How it Works

Overview

I. User logs-in and starts a new DMP by filling in some basic details
II. Then they choose the template(s) they need from the ones available
III. Each template contains a sub-set of the checklist questions which have been mapped to the requirements of the funder, institution, or discipline they have selected
IV. Each template also contains detailed guidance and links to further information to help the researcher complete the DMP
V. The researcher who begins the DMP can share it with their collaborators or with support staff so that they can work together to complete the plan.
VI. Once complete the plan can be exported in a variety of different formats and submitted alongside a grant application.
II: DMP Online v3.0 – How it Works

Welcome

Funding bodies increasingly require their grant-holders to produce and maintain Data Management Plans (DMPs) as part of their grant applications.

DMP Online has been developed by the Digital Curation Centre to enable you to build and edit DMPs.

To get started, click on ‘Create account’ or ‘Sign in’ above, or alternatively have a look at the About DMP Online page below.

If you already have plans stored in the system, click My plans or Return to a saved plan to see them.

Start a new plan

Return to a saved plan

Or, sign in with your institution credentials
II: DMP Online v3.0 – How it Works

Create new plan

1. Enter your project details:

- Project: IDCC13 Demonstration
- Currency
- Budget
- Start Date
- End Date
- Lead Organisation
- Other Organisations

You need to select at least one template before continuing

2. Select plan templates from the groupings below:

- Data Management Plan Templates
  - Click group headings to expand
  - RCUK Research Councils
    - Arts and Humanities Research Council
      - Project funding
        - This DMP template has been developed by the DCC without direct input from AHRC. Unlike other RCUK funders, applicants should note that the AHRC does not require a document to be attached to applications, but rather asks its data-related questions directly via the Je-S form. Since autumn 2012, the DCC has been in dialogue with AHRC with a view to aligning the systems and processes more closely. There are certain benefits to using DMP Online to prepare your Technical Plan, but it may be simpler just to follow the steps laid out at the AHRC website.
        - Visit website for further details
    - Biotechnology and Biological Sciences Research Council
      - Project funding
      - Visit website for further details
    - Economic and Social Research Council
      - Project funding
      - Visit website for further details
    - Medical Research Council
      - Project funding
      - Visit website for further details
II: DMP Online v3.0 – How it Works

IDCC13 Demonstration

NERC Project funding (Application)

Section 1
Section 2
Section 3
Section 4
Section 5
Section 6

1 Metadata
1.1 Metadata

DCC Checklist

Yes

NERC Guidance (1:1)

How will you document discovery (what, where, when, why, who) and descriptive (how collected, how processed, how stored, how linked) metadata and implement the NERC Discovery Metadata Standard early in the project?

[Remove]

DCC 2.5.2
If you answered No to DCC 2.5.1, what contextual details are needed to make the data you capture or collect meaningful?

[Remove]

DCC 2.5.3
How will you create or capture these metadata?

[Remove]

DCC 2.5.4
What form will the metadata take?
II: DMP Online v3.0 – How it Works
II: DMP Online v3.0 – How it Works

Project Sharing

To allow others to use your plans, add their email address to the relevant templates. Use the big green plus to add an entry. (You can use the * wildcard to, for example, include everyone at an organisation with *@example.com)
II: DMP Online v3.0 – How it Works

Export IDCC13 Demonstration

- Re-order and select questions for export

- Export format: PDF
  - Open in browser
  - Download
  - Back to plan details

- Page Layout
  - LAYOUT: PDF
  - PAPER ORIENTATION: Portrait

- FONT SIZE: 9
- FONT STYLE: Sans Serif
II: DMP Online v3.0 – How it Works

Because good research needs good data

IDDC13: Data Management Planning: what’s happened, what’s happening, and what’s coming next
II: DMP Online v3.0 – Working with institutions and funders

- A central service that asks all researchers the questions they want answered,
- Ability to offer tailored guidance and links to other support,
- Institutions can direct researchers to use the services they provide, or direct them to appropriate external services,
II: DMP Online v3.0 – Working with institutions and funders

<table>
<thead>
<tr>
<th>RCUK funders</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts and Humanities Research Council (AHRC)</td>
<td>Discussions ongoing</td>
</tr>
<tr>
<td>Biotechnology and Biological Sciences Research Council (BBSRC)</td>
<td>Discussions ongoing</td>
</tr>
<tr>
<td>Engineering and Physical Sciences Research Council (EPSRC)</td>
<td>No explicit data management plan requirements: DCC is referenced in roadmap requirements</td>
</tr>
<tr>
<td>Economic and Social Research Council (ESRC)</td>
<td>Template and guidance developed in collaboration with ESRC and ESDS. Funder’s online guidance points applicants towards tool.</td>
</tr>
<tr>
<td>Medical Research Council (MRC)</td>
<td>Endorsed by funder and mentioned in their guidance</td>
</tr>
<tr>
<td>NERC (Natural Environment Research Council)</td>
<td>Discussions ongoing. Tool has been modified to meet new requirements.</td>
</tr>
<tr>
<td>Science and Technology Facilities Council (STFC)</td>
<td>DCC resources referenced in data requirements</td>
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</tbody>
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<th>Other funders</th>
<th>Status</th>
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<tr>
<td>The Wellcome Trust</td>
<td>Template and guidance endorsed by funder</td>
</tr>
<tr>
<td>National Science Foundation (US)</td>
<td>Template developed by Sherry Lake, University of Virginia</td>
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IDDC13: Data Management Planning: what’s happened, what’s happening, and what’s coming next
**II: DMP Online v3.0 – Working with institutions and funders**

<table>
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<th>Disciplinary templates</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>Developed in conjunction with University of Hull and University of Hertfordshire</td>
</tr>
<tr>
<td>Psychology</td>
<td>Developed by DMT Psych project, led by University of York</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>Developed as part of REDm-MED project, led by University of Bath</td>
</tr>
<tr>
<td>Health sciences</td>
<td>Developed by DATUM for Health project, led by University of Northumbria</td>
</tr>
<tr>
<td>Spatial information (INSPIRE)</td>
<td>Developed in conjunction with EDINA (UK national data centre) and trialled with Freshwater Biological Association</td>
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</tbody>
</table>

<table>
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<th>Institutional templates</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Goldsmiths, University of London</td>
<td>Developed as part of an Institutional Engagement</td>
</tr>
<tr>
<td>Newcastle University</td>
<td>Developed for the Iridium project as template to be used when funders do not mandate a DMP</td>
</tr>
<tr>
<td>Oxford Brookes University</td>
<td>Developed as part of an Institutional Engagement</td>
</tr>
<tr>
<td>Queen Mary University of London</td>
<td>Developed as part of an Institutional Engagement</td>
</tr>
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</table>
II: DMP Online v3.0 – Supporting Researchers

• Breaks down complex funder requirements into simple questions
• Provides detailed guidance and links to further support
• Ensures they meet funder requirements when making grant applications
• Provides a plan that they can develop and work to throughout the life of a project
• Creates a record of the data created and where and how it will be stored long-term
• Alerts them to potential pit-falls and problems they may need to address
II: DMP Online v3.0 – Usage

• 1411 confirmed users
• 1524 plans created
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III: Future Plans – The Checklist

• The Checklist will be simplified
• Number of questions reduced
• Relationship with funder questions will change
• Guidance will be reviewed to ensure it is fully up-to-date and comprehensive – but written in language researchers will recognise.
III: Future Plans – The Online Tool

- Significant improvements to the:
  - User Interface
  - Registration process
  - Workflows

- Wizards to guide users

- Templates shortened and simplified to ask funder questions directly
III: Future Plans – The Online Tool

- New Checklist used to link questions to guidance and support
- Export formats improved
- Status of plans recorded
- Terms and Conditions will be updated to allow use of aggregated data – while maintaining the privacy of users
III: Future Plans – The Online Tool

- DMP Online community of Users, Developers, Funders, and Institutions

- Main changes in place by April 2013

- Read Kevin Ashley’s blog post at http://www.dcc.ac.uk/news/future-plans-dmponline
IV: Contact details and resources

All of our DMP-related resources available online at:

www.dcc.ac.uk/dmponline/

THANK YOU

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