



DMPonline User Group

Update to DCC & Funder templates, 10 September 2024

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Agenda

Time GMT (UTC)	Agenda Item
10:30 - 10:40	Introduction
10:40 - 11:00	Latest developments
11:00 - 11:15	Updates to DCC data management plan template
11:15 - 11:30	Updates to Funder templates
11:30 - 11:50	Questions, discussion
11:50 - 12:00	Summary

Welcome

- The session will be recorded – if you do not wish to be in the recording, please switch off your camera
- We will share the recordings once they are ready
- Please be respectful to the speakers - <https://www.dcc.ac.uk/events/codeofconduct>



DMPonline latest developments

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Continuing with our goals

- Interoperability
- Automation
- Alignment with RDA DMP Common Standard
- Alignment with FAIR principles
- Facilitate Open Science
- Measuring against Ten principles for machine-actionable data management plans (maDMPs)



1 Integrate DMPs with the workflows of all stakeholders in the research data ecosystem



2 Allow automated systems to act on behalf of stakeholders



3 Make policies (also) for machines, not just for people



4 Describe—for both machines and humans—the components of the data management ecosystem



5 Use PIDs and controlled vocabularies



6 Follow a common data model for maDMPs



7 Make DMPs available for human and machine consumption



8 Support data management evaluation and monitoring



9 Make DMPs updatable, living, versioned documents



10 Make DMPs publicly available

New feature released – DOIs for Research Outputs

- Machine-actionable feature
- Released in July 2024
- Integration with [OpenAIRE Graph Search API](#)
- Users can enter a DOI, retrieve the metadata and update an existing or save as a new research output in DMPonline

DMPonline DOI Integration

Steps to create a research output with a DOI



2 Allow automated systems to act on behalf of stakeholders



5 Use PIDs and controlled vocabularies



9 Make DMPs updatable, living, versioned documents

Ongoing work

- Integration with ROR registry – prototype available by the end of this sprint, aim to deliver fully tested feature by end of November
- Integration with RSpace – depending upon development of API V2
- API V2 – will combine capabilities of API V0 & V1, user-level authentication
- Current development sprint ends 30 September 2024
- Will discuss with you new development priorities for 2024-2025 at DMPonline User Group on 22 October 2024

Ongoing work - Additional Plan ID field

Test 2

Project Details Contributors Plan overview Write Plan Research Outputs Share Download

Select Guidance
There is no additional guidance for this template.

Project title
Test 2
 mock project for testing, practice, or educational purposes

DMPonline Plan ID
157008

Project abstract
B I [List] [Link] [Image]
|

Research domain
- Please select one -

Project Start
dd/mm/yyyy

Project End
dd/mm/yyyy

Additional Plan ID
157008
 Research outputs may have ethical concerns

Funder
Begin typing to see a list of suggestions.

Funding status
- Please select one -

Grant number/url

Save

- DMPonline Plan ID/DMPonline ID – non editable
- Additional Plan/Project ID field – editable by user
- Could be a institutional project ID

Sectigo SSL certificates

- Valid for users with customised URLs
- Switched to the more secure Sectigo SSI certificates
- Thank you all for your prompt reaction!
- Currently require updates once a year
- There is discussion of renewing them three times a year
- In future, we may have to offer wildcard URLs based on dmponline.dcc.ac.uk, e.g. someorg.dmponline.dcc.ac.uk
- Existing URLs will continue
- Will be in touch 30 days prior to expiry of current Sectigo certificates



Updates to DCC data management plan template

Diana Sisu

Proposed updates to DCC Template – Project Details

Field	Suggested change
Dates	Use ISO format, e.g. 2024-07-29. Include guidance to say that, if exact dates are not known, include the anticipated start/end date. Also suggest that they update this field once the actual dates are confirmed.
Research Domains	Revise domains; There is a duplicate option, e.g. 'Other social sciences'. Currently based on Frascati Manual, see https://www.oecd.org/innovation/frascati-manual-2015-9789264239012-en.htm
ID	There will be a DMPonline ID (non editable) & an additional Project ID, editable
Ethical concerns	Improve tooltip explanation for 'Research outputs may have ethical concerns' to explain what this means.
Funding status	Align with the award lifecycle. Choices could be: 'application stage', 'in award' and 'post award'.
Funding call	Provide new field to enter funding call as a URL.
Grant number/URL	Add tooltip to invite user to complete this once grant number is known. This will become automated through integrations (machine actionable grant ID fields).

DMPonline – Screenshot of Project Details page

Sample Plan

Project Details Contributors Plan overview Write Plan Research Outputs Share Download

*** Project title**
Sample Plan
 mock project for testing, practice, or educational purposes

Project abstract
B I [list icon] [link icon] [image icon]
copy and paste a summary now

Research domain
Chemical sciences

Project Start
03/10/2023

Project End
06/10/2023

ID
134711

Research outputs may have ethical concerns

Funder
Arts and Humanities Research Council (AHRC)

Funding status
Planned

Grant number/url

Save

Select Guidance
To help you write your plan, DMPonline can show you guidance from a variety of organisations.
Select Up To 6 Organisations To See Their Guidance.

DMPonline - Tutorials
└ DMPonline - Tutorials
└ DMPonline Tutorials - Law
└ New Guidance Group - do not use
 Digital Curation Centre
 Digital Curation Centre

Find guidance from additional organisations below
See the full list

Save

Proposed updates to DCC Template – Contributors

Field	Suggested change
Roles	Add 'Co-Investigator' as an option. Possibly add 'Data Steward' and 'Research Software Engineer' to the list to reflect developments in the field. Where people tick 'other', provide box to enter response.
ORCID number	Make field machine-actionable to enable users to enter collaborator by ORCID number.

DMPonline – Screenshot of Contributors page

Sample Plan

Project Details Contributors Plan overview Write Plan Research Outputs Share Download

Please list the project's Principal Investigator(s) and those responsible for data management.

Name	ORCID	Email	Affiliation	Roles	
Glenys			DMPonline - Tutorials	Project Administrator	Actions ▾

Add a contributor

Proposed updates to DCC Template - Content

Currently published template	Proposed template
Data collection <ul style="list-style-type: none">• What data will you collect or create?• How will the data be collected or created?	Data collection <ul style="list-style-type: none">• Are you likely to generate or use a large amount of data?• How will the data be collected or created?• Will you generate any research software as part of your research?
Documentation and Metadata <ul style="list-style-type: none">• What documentation and metadata will accompany the data?	Documentation and Metadata <ul style="list-style-type: none">• What kind of contextual material will you generate to help data retain meaning and be understandable?• What documentation and metadata will accompany the research software (if applicable)?
Ethics and Legal Compliance <ul style="list-style-type: none">• How will you manage any ethical issues?• How will you manage copyright and Intellectual Property Rights (IPR) issues?	Ethics and Legal Compliance <ul style="list-style-type: none">• How will you manage any ethical issues?• How will you manage copyright and Intellectual Property Rights (IPR) issues?• How will you ensure your outputs are cited correctly?

Proposed updates to DCC Template – Content (continued)

Currently published template	Proposed template
Storage and Backup <ul style="list-style-type: none">• How will the data be stored and backed up during the research?• How will you manage access and security?	Storage and Backup <ul style="list-style-type: none">• How will the data be stored and backed up during the research?• How will you manage access and security?• Will a data repository be used during and/or after the active stage of research?
Selection and Preservation <ul style="list-style-type: none">• Which data are of long-term value and should be retained, shared, and/or preserved?• What is the long-term preservation plan for the dataset?	Selection and Preservation <ul style="list-style-type: none">• Which data are of long-term value and should be retained, shared, and/or preserved?• What is the long-term preservation plan for the dataset?
Data Sharing <ul style="list-style-type: none">• How will you share the data?• Are any restrictions on data sharing required?	Data Sharing <ul style="list-style-type: none">• How will you share the data?• Are any restrictions on data sharing required?• Data Availability Statement

Proposed updates to DCC Template – Content (continued)

Currently published template	Proposed template
Responsibilities and Resources <ul style="list-style-type: none">• Who will be responsible for data management?• What resources will you require to deliver your plan?	Responsibilities and Resources <ul style="list-style-type: none">• Who will be responsible for data management?• What resources will you require to deliver your plan?• Who will be responsible for updating the DMP?• Data cleaning costs

Proposed updates to DCC Template – Content (continued)

- Additional revisions have been made to guidance, e.g. questions to consider, and new useful links have been provided
- For example, under Data Collection, for question ‘How will the data be collected or created?’
 - new question to consider is ‘Will your approach lead to data that are findable, accessible, interoperable and reusable (FAIR)?’
 - useful link to FAIR-Aware tools at <https://fairaware.dans.knaw.nl/>

DCC DMP Template – new questionnaires

We have been asked to add two new standard questionnaires:

- Ethics Assessment
- Digital Protection Impact Assessment

Benefits:

- The DMP contains all information relevant to a project
- Users have motivation to return to DMP
- Completed questionnaires can be submitted for feedback

Issues:

- Too many tabs
- There are no standard ethical assessment questionnaires, and they can be quite long

DMP including ethics and DPIA

Sample Plan

Project Details Contributors Plan overview Generic DMP Ethical Review Data Protection Impact Assessment Research Outputs Share Download

*** Project title**
Sample Plan
 mock project for testing, practice, or educational purposes

Project abstract
B I [list] [link] [table]
-

Research domain
- Please select one -

Project Start
dd/mm/yyyy [calendar]

Project End
dd/mm/yyyy [calendar]

ID
155327

Research outputs may have ethical concerns

Funder
Begin typing to see a list of suggestions.

Funding status
- Please select one -

Grant number/url

Select Guidance
To help you write your plan, DMPonline can show you guidance from a variety of organisations.
Select Up To 6 Organisations To See Their Guidance.
 Digital Curation Centre
 Digital Curation Centre
Find guidance from additional organisations below
[See the full list](#)



Updates to Funder data management plan templates

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Updates to Funder Templates

- Currently updating all funder templates
- There are 23 funder templates, customisable
- New funders, new templates? Please send them to us!

UKRI

- Open Research at UKRI will start discussions in autumn about research data policy and possible tweaks to DMP guidance to improve clarity
- Currently speaking to funder representatives to implement two-phase templates in DMPonline and get their approval to publish them

Proposed Workflow between UKRI TFS and DMPonline

- Two-phase template – Initial DMP, Detailed DMP
- Initial DMP to be submitted to UKRI TFS
- Detailed (or Final) DMP to be written in DMPonline
- Detailed DMP could also be submitted to UKRI TFS as part of the final/annual report for the grant (project deliverable)

Initial DMP using ESRC Template

Sample Initial DMP based on ESRC two-phase template

The screenshot displays a web-based form for creating an Initial Data Management Plan (DMP). The interface includes a navigation bar at the top with tabs for 'Project Details', 'Contributors', 'Plan overview', 'Initial DMP', 'Detailed DMP', 'Research Outputs', 'Share', and 'Download'. Below the navigation bar, there is a section titled 'Data management and sharing (0 / 1)'. This section contains a text input area with a word count indicator 'You have 500 words remaining' and a 'Save' button. To the right of the text input area, there is a 'Guidance' section with a 'Comments' tab. The 'Guidance' section is divided into 'ESRC' and 'DCC' sub-sections. The 'ESRC' section contains the following text: 'Provide a data management plan that clearly details how you will comply with UKRI's published data sharing policy, which includes detailed guidance notes. Demonstrate that you have designed your proposed work so that you can appropriately manage and share data in accordance with ESRC's Research Data Policy and ESRC Framework for Research Ethics (if applicable) Within the 'Data Management' section we also expect you to:'. This is followed by a bulleted list of requirements: 'plan for the research through the life cycle of the award until data is accepted for archiving by the UK Data Service (UKDS) or a responsible data repository.', 'demonstrate compliance with ESRC's Research Data Policy and ESRC Framework for Research Ethics. This should include confirmation that existing datasets have been reviewed and why currently available datasets are inadequate for the proposed research.', 'cover any legal and ethical considerations of collecting, releasing or storing the data, including consent, confidentiality, anonymisation, security and other ethical issues.', and 'include any challenges to data sharing (e.g., copyright or data confidentiality), with possible solutions discussed to optimise data sharing.'. Below the list, there is a note: 'If this does not apply to your proposed work, you will be able to indicate this in the UKRI Funding Service.'

- The plan consists of one question
- All instructions by ESRC appear in Guidance
- Word count facility will be provided
- Copy to clipboard function will enable user to copy wording to TFS

What ESRC DMP looks like in TFS

APP55089

Data Management and sharing

How will you manage and share data generated through the proposed work?

▶ [What the assessors are looking for in your response](#)

Paragraph ▾ **B** *I* U x^2 x_2

You have 500 words remaining

Mark as complete

Save and return

APP55089

Data Management and sharing

How will you manage and share data generated through the proposed work?

▼ **What the assessors are looking for in your response**

Demonstrate that you have designed your proposed work so that you can:

- appropriately manage and share data in accordance with [ESRC's research data policy](#) and [ESRC framework for research ethics](#) (if applicable)

Within the 'Data Management' section we also expect you to:

- plan for [the research through the life cycle of the award](#) until data is accepted for archiving by the UK Data Service (UKDS) or a responsible data repository
- demonstrate compliance with [ESRC's research data policy](#) and [ESRC framework for research ethics](#). This should include confirmation that existing datasets have been reviewed and why currently available datasets are inadequate for the proposed research
- cover any legal and ethical considerations of collecting, releasing or storing the data, including consent, confidentiality, anonymisation, security and other ethical issues
- include any challenges to data sharing (for example, copyright or data confidentiality), with possible solutions discussed to optimise data sharing.

If this does not apply to your proposed work, enter N/A into the text box, mark this section as complete and move onto the next section.

Paragraph ▾ **B** *I* U x^2 x_2



Summary

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What's next

- Will circulate proposed changes to Project Details & Contributors tabs, as well as content of DCC template
- Give you three weeks to comment
- Notes of today's meeting will be published on [DMPonline User Group working agenda](#)

Save the dates

- 10 September 2024 - Updates to DCC & Funders data management plan templates
- 22 October 2024 - Development priorities for 2024-2025
- 3 December 2024 - Organisation data in DMPonline, including use of ROR data
- 17 February 2025 - Future-Proofing Data Management: Interactive Workshop on DMPonline's Progress and Path Forward, workshop as part of IDCC 2025
- 8 April 2025 - TBC
- 20 May 2025 - Community Event
- See <https://dcc.ac.uk/dmponline/community>

Keep in touch

- Helpdesk: dmponline@dcc.ac.uk
- Twitter: @DMPonline
- LinkedIn: <https://www.linkedin.com/company/dmponline/>
- Newsletter: <https://www.dcc.ac.uk/news/dmponline-newsletter>
- Community mailing list: <http://www.jiscmail.ac.uk/DMPONLINE-USER-GROUP>
- GitHub: <https://github.com/DMPRoadmap>
- YouTube: <https://www.youtube.com/user/TheDigitalCuration/playlists>