

Building the Invisible Layer: Research Data Management in the CMO Music and Text Edition

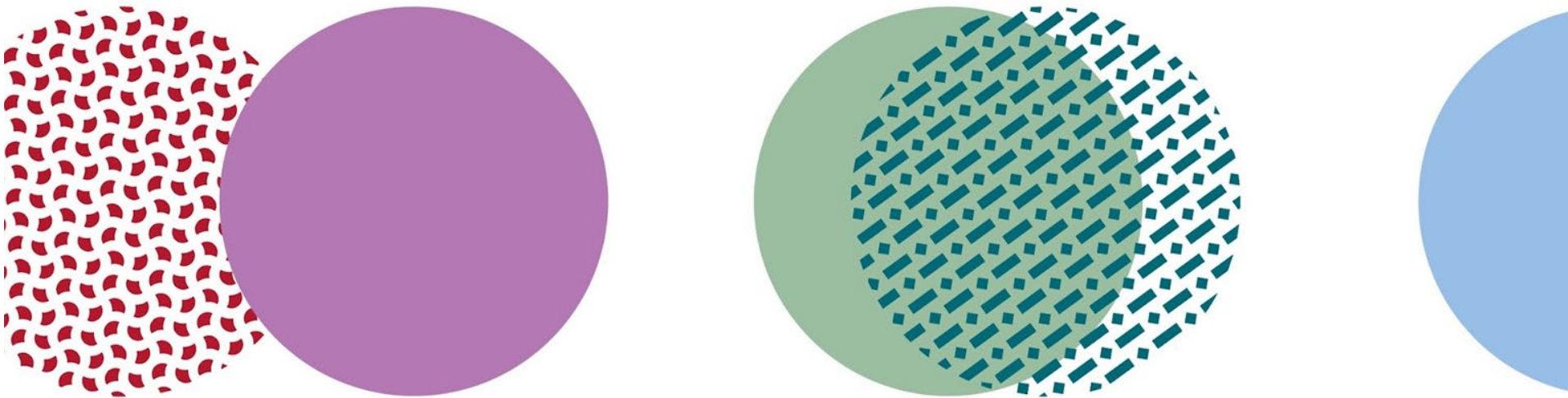
CMO Summer Academy, 07/09/2026

Nanette Rissler-Pipka & Data Steward Network at MWS

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Deutsche
Geisteswissenschaftliche
Institute im Ausland



Research data management mishaps: Did you ever earn one of these badges?

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Locked yourself out of your data?



Were no longer able to open a file?



Got lost because you did not document?

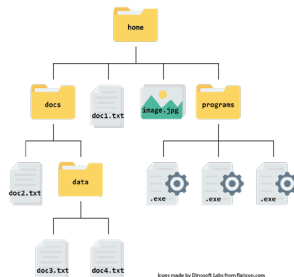
Research Data Management exists to prevent these mishaps

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Plan and
Think ahead



File-Names,
Standards,
Formats...?



Training and
Consulting

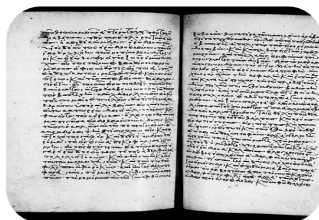


What is research data and why
does it matter for the Corpus
Musicae Ottomanicae Edition?

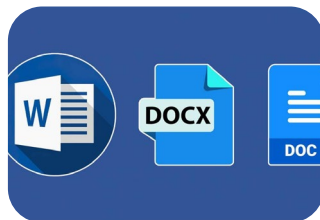
Research Data Types in a Music and Text Edition

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Pictures and scans
High resolution images
different licences
different formats



Transcriptions
manually edited and created
differs formats, mostly text
editors like Word



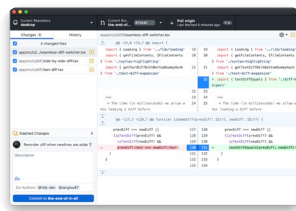
Preprints
Presentation for Website and
preparation for print edition
usually in PDF



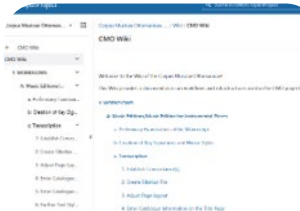
Transcriptions and Transformations
in TEI and MEI XML



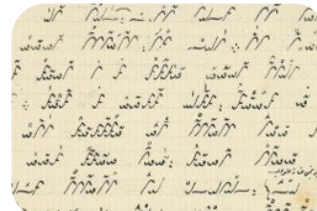
Source Catalogue Data
bibliographic metadata
authority file data
usually XML



Scripts and Code
created and stored in Github or
Gitlab repositories



Documentation Wiki
Public and internal wiki pages
run on OpenProject server



Fonts and Documentation
Truetype Fonts, Unicode, etc.

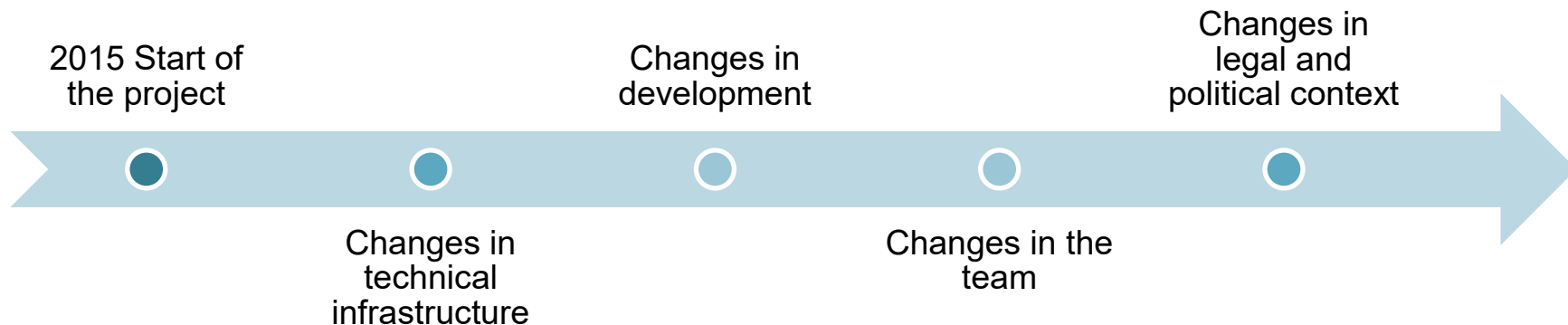


Diverse Data
side products like explanatory
texts, blog posts, interviews,
tables, data models, etc.

What Happens with Data and Collaboration over Time?

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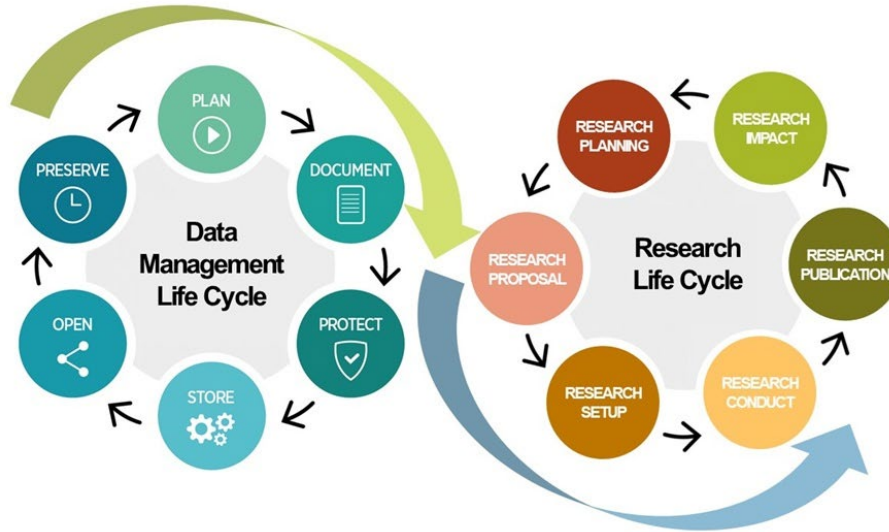


Who is tracking these
changes?
Where and how?

Tracking the dynamics in the research data lifecycle?

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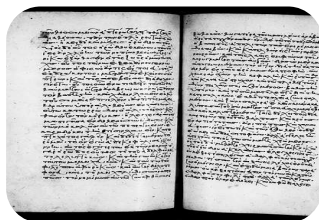
The research data lifecycle is a model showing data's journey from initial planning through collection, processing, analysis, and publication, to long-term preservation and reuse. It aligns with the research life cycle.

(image credit: CC-BY UH Data Support)

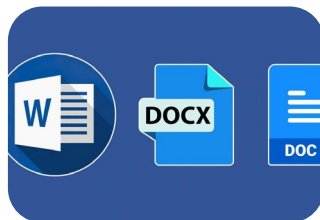
Each Datatype consists of Datasets

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2 Datasets → Rights



X Datasets (text and music) → not to be published



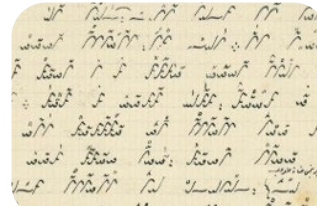
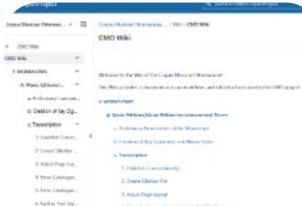
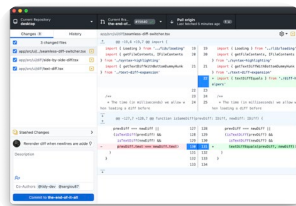
X Datasets according to Volume-structure of the edition (published)



X Datasets according to text and music edition (published)



Source Catalogue Data
1 catalogue; plus
entityXML, plus RISM,
published and harvested



For each dataset, you can check the life cycle

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All of these steps may be applied to your dataset – sometimes not all of them are applicable.

Planning merges into managing throughout the whole cycle



Documentation via Data Management Plan

(image credit: CC-BY Jan Grünewälder)

This is where your work gets acknowledged and visible

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By sharing not only your analysis and interpretation but also your data – which is inseparable while preparing a scholarly digital edition – you enable reuse → citation and reward

(image credit: CC-BY Jan Grünewälder) see
<https://rdmmwsen.hypotheses.org/>

What is a data management plan
and why do we need it?

What is a DMP and why do we need it?

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A **data management plan (DMP)** is a formal document (questionnaire) that we develop at the start of our research project. It outlines:

- what data we use and collect
- how we and our institutions manage the data both *during* and *after* the completion of the project

We should adapt the DMP in the course of our project as circumstances change. The data management plan is part of our project, whether large or small.

 **A DMP is a living document that we update on an ongoing basis!**

Planning & Documenting & Preparing

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- Alongside your research question → Define your datasets → Define your data model
- Plan & Document where you store the data → where to publish it for sharing
- Check rights and licences for preparing publication
- Do you plan format transformation? Annotation? Cataloguing? → use standards in all these parts (formats, vocabularies, metadata, encoding)

Documentation
via Data Management Plan



Keep Adding Information and Documentation to your Data Management Plan

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In the RDMO tool → document and answer the questionnaire in your own time frame – revisit, change and collaborate

Invite team-members

Members

Here you can see who can access the project and invite additional members. You can use the user roles to manage which rights the users have. Unless you are the last owner, you can leave the project with the button next to your name.

User	<name 1>	<email 1>	
	<name 2>	<email 2>	
Eva-Maria Gerstner			 
Eva Maria Gerstner	Gerstner@maxweberstiftung.de	Owner	 

Navigation

Grey entries will be conditionally skipped based on your input.

[General \(8 of 25\)](#)

→ Keywords ✓

Topic

Spatial reference

Temporal reference

Project schedule (1 of 3)

Funding

Additional project data

Other requirements

Project coordination (4 of 6)

Project partners (1 of 2)

Project classification (4 of 20)

Technical classification

Metadata and referencing

Open access and ethics

Usage and publication

PLANUNG MIT
RDMO

More Information on DMP and RDMO in the upcoming Workshop and...

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- [MWS Best Practice Handbook on RDM: Data Management Plan and RDMO](#)
(in German, publicly accessible, living document)
- [General Guidance](#) on DMP and RDMO (13/02/2024)
- [Detailed Instructions](#) for the creation of RDMO projects (28/10/2025)
- [Training Materials](#) (more slides) and the [Video Tutorial](#)

Thank you - let's stay in touch

These slides were prepared by the MWS' data stewards:

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Nanette Rissler-Pipka, Viktoria Silwanowitsch, Christian Strümpel, Annika
Wienert

