

Data Management Support in Libraries

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Introduction

- Information and library studies graduate
- Doctoral student in Information science
- Library open science methodologist
- Project data steward and open science manager

Outline

- Data in the humanities
 - Role of the library
 - Czech environment
 - 'Case studies'
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Key Point

Humanities researchers may struggle with conceptualising their material as 'data'.

Nature of Data in the Humanities

Diverse and unstructured

- Humanities data exists in heterogeneous formats (texts, images, audio recordings, ...) often lacking inherent structure.

Qualitative and interpretive

- Data may require subjective interpretation and qualitative analysis.

Ethical complexities

- Research often involves navigating GDPR regulations and copyright and legal concerns.

Growing data literacy needs

- Increasing demand for data management skills may be difficult to adapt for some researchers.

Challenges in Adhering to FAIR Principles in Humanities Research

Findable

- Challenge: Creating meaningful metadata for unstructured or interpretive material.

Accessible

- Challenge: Balancing open access with ethical restrictions on sensitive interview data or copyrighted material.

Interoperable

- Challenge: Establishing standards for unique material.

Reusable

- Challenge: Documenting context and interpretive frameworks for meaningful reuse
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📖 Libraries as RDM Support

1. DMP guidance and review
 2. Grant application drafts review
 3. Assistance with repository selection and navigating depository procedures
 4. Training and workshops on data literacy and tools
 5. Support with creating metadata and documentation
 6. Legal and ethical guidance* (*Forward to specialised departments)
 7. And more?
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Czech Funding Agencies

Basically following EU conditions... with certain exceptions.

- Hybrid journals are eligible (for now).
- Different DMP templates (for now).

Providing assistance mainly with:

- Czech Science Foundation (GA ČR): <https://gacr.cz/en/>

- Technology Agency of the Czech Republic (TA ČR): <https://tacv.gov.cz/en/>
- Ministry of Education, Youth and Sport (MŠMT): <https://msmt.gov.cz/?lang=2>

Masaryk University internal grants to (hopefully) follow.

Czech Data Stewards Community

- Part of the EOSC-CZ ecosystem: <https://www.eosc.cz/en/communities/data-stewards>

Discord server

- Sharing best practices, seeking advice

Monthly online meetings

- With invited speakers

Various learning opportunities

- Online materials, online and in person workshops, summer school

Promotion of data stewardship

- Map, contact list for employers, campaigns
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Three 'Case Studies'

1) "But I have no data" 🤖

Yes you do! Scans, photographs, field notes, ...

Assist with selecting a suitable journal to budget for APCs.

Offer a checklist of areas to consider in the application.

Useful tools:

- Open Policy Finder: <https://openpolicyfinder.jisc.ac.uk>
- Preprint servers: <https://asapbio.org/preprint-servers>
- How FAIR are your data?: <https://zenodo.org/records/3405141#.YTn7cl4za70>

2) "I need to write a DMP... and it's a massive waste of my time" 🙄

Offer assistance and review.

Useful tools:

- Data Stewardship Wizard: <https://dsw.muni.cz/wizard/>

- DMP online: <https://dmponline.dcc.ac.uk/>
- MS Word (it happens)

3) "I need to store/publish my data"

Help navigate to a safe and suitable solution.


Useful tools:


- University recommendations: <https://it.muni.cz/en/overviews/recommendations-for-the-usage-of-storages>
 - re3data: <https://www.re3data.org/>
 - Repository selection sheet for the humanities, to be published **soon** on library website
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What's Next?

- Ongoing skills development for both researchers and data stewards.
 - Strengthening connections between libraries and researchers.
 - Developing tools and repositories tailored to humanities research needs.
 - Establishing data management as one of the fundamental components of humanities research.
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Thank You for Your Time!

 **Contact:** openscience@phil.muni.cz

 **Library website for OS:** <https://knihovna.phil.muni.cz/en/study-research-support/scientific-publishing-and-data-management>

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Presentation available at: <https://github.com/pavla-martinkova/mustweek2025>

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