



Research Data Management - Basics

Maurice Schleußinger - maurice.schleussinger@hhu.de

ZIM - Zentrum für Informations- und Medientechnologie Heinrich-Heine-Universität Düsseldorf



Examples





```
0. Sep 15:53
0. Sep 2015 bin -> usr/bin
19. Sep 09:31 boot
21. Sep 15:50 dev
19. Sep 09:32 etc
21. Sep 15:52 home
1 30. Sep 2015 lib -> usr/lib
34 23. Jul 10:01 lost+found
36 1. Aug 22:45 mnt
366 1. Sep 2015 opt
6 21. Sep 15:52 private -> /home/e
4096 12. Aug 15:37 root
7 30. Sep 2015 sbin -> usr/bin
6 21. Sep 15:50 run
7 30. Sep 2015 sbin -> usr/bin
8 30. Sep 2015 srv
1 300 21. Sep 15:51 srv
1 300 21. Sep 15:53 srv
1 300 21. Sep 15:53 srv
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```

Examples







WHAT?

Primary data such as...

- Experiment data
- Measurements
- Surveys, polls

But also...

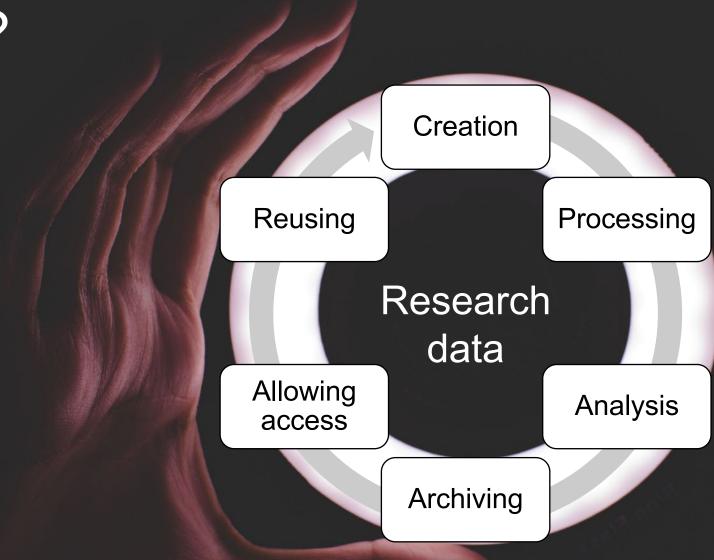
- Visualizations
- Models
- Tools



Definition

Data that arises during scientific activity (e.g. measurements, surveys, sourcing), which enable scientific work (e.g. digitized material) or which document the result of scientific work, are called research data.- Forschungsdaten.info, translated

WHAT?



WHAT?

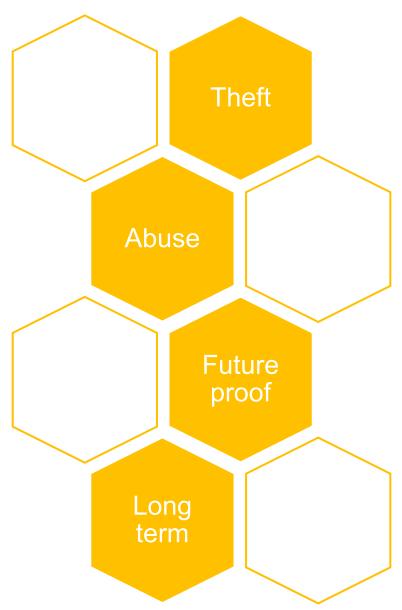
Universities and scientists are responsible for the development and cultivation of science.

Research at universities follows scientific standards and requirements to produce **comprehensible** and **verifiable** results.

Research data management is an essential part of **good** scientific practice.

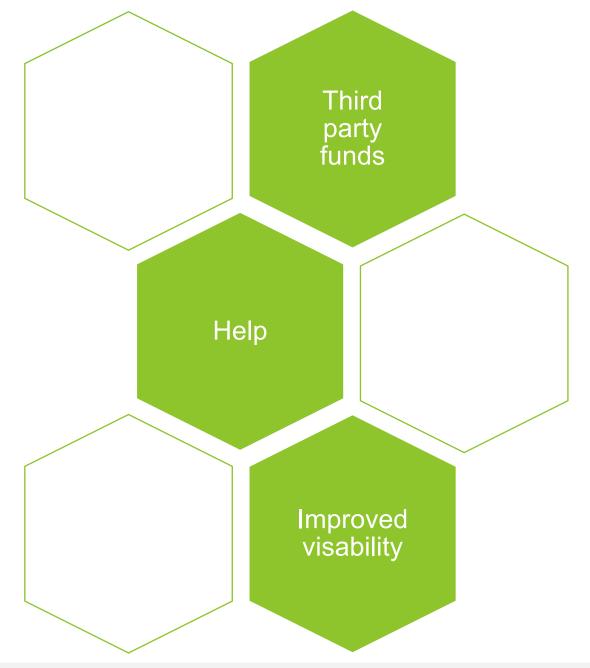






WHY?





HOW?

Faculties

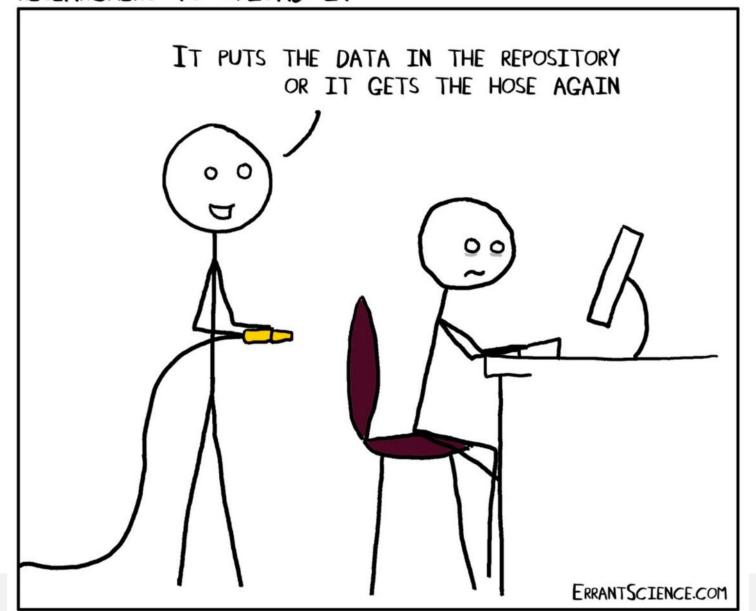
University
Data Centers
& Libraries

Science Communities



"ONE OF THE BIGGEST CHALLENGES IN MAKING DATA OPEN IS GETTING RESEARCHERS TO UPLOAD IT"

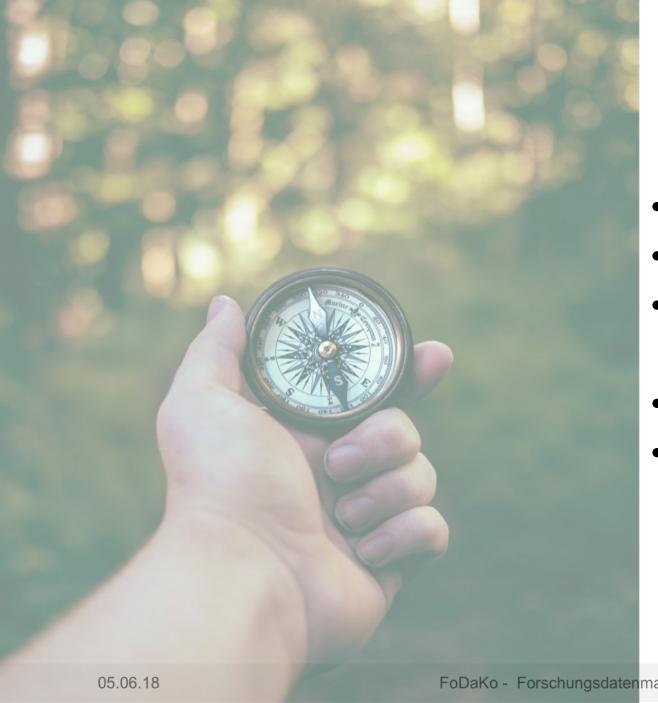
#FIGSHAREFEST



HOW?

- 1. Contact research data management team.
- 2. We create a data management plan.
- 3. We find a **good place** for your data.
- 4. We make sure the data has the appropriate **meta data**.
- **5. Store** the data during & after your research





Additional Information

- fdm.hhu.de
- fdm.uni-wuppertal.de
- fdm.zimt.uni-siegen.de
- fodako.de
- forschungsdaten.info



maurice.schleussinger@hhu.de



@m schleussinger



