NATIONAL RESEARCH
DATA INFRASTRUCTURE FOR
ENGINEERING SCIENCES

NFDi4ing

Jarves, do my RDM!

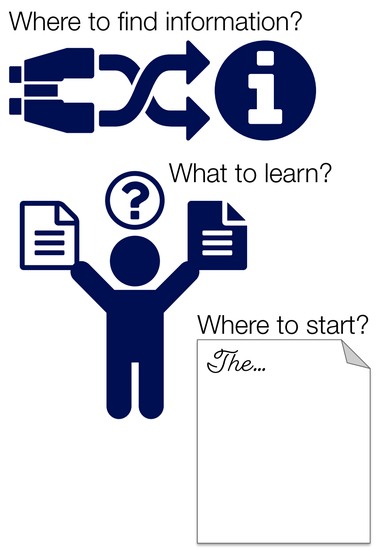
Meet the digital RDM assistant.



RDM is complex!

Finding & applying requirements

Knowing & choosing the right tool

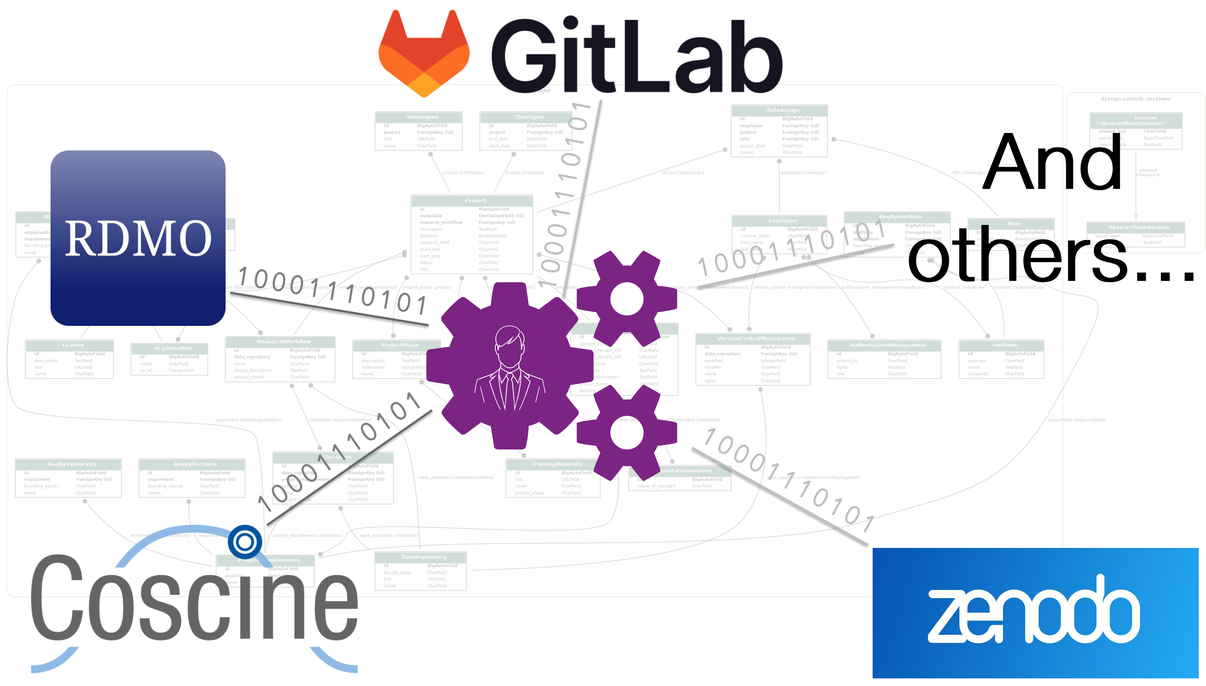


Learning & starting RDM

Get support!

Your Input	Generate RDM	Get Training
Your funding: DFG Your university: RWTH AACHEN UNIVERSITY Your institution: WZL Your discipline: Production Technology	DMP tool: RDMO ✓, DMP ONLINE ✗ Code Repository: GitLab ✓, GitHub ✗ Access solution: Coscine ✓, zenodo ✓ …	➢ Overview: Research Data Management ↗ ➢ Overview: Data life cycle (DLC) ↗ ➢ How to: DMPs ↗ ➢ Versioning Source Code – A Git Tutorial ↗ ➢ Software Development: PyPi ↗ ➢ …

Automate your RDM!



Your Journey starts here!

Jarves

The Joint Assistant for Research in Versatile Engineering Sciences

Jarves supports researchers of the engineering sciences in their everyday work. It focuses on the reduction of effort and time of RDM. This is achieved by addressing the following points:

Guidance in RDM

By ordering the RDM activities based on their occurrence in the engineering research process, Jarves provides a structure for RDM in engineering.

Decision Support

Based on the research's general environment, like requirements of funding organisations or institutional boundaries, Jarves provides information on the next steps and available tools.

Connecting beyond

As Jarves is based on the Python Django REST Framework, it offers a broad connectivity to other services, allowing for seamless (meta-) data exchange.

Tobias Hamann and Jonas Werheid
t.hamann@wzl-mq.rwth-aachen.de
WZL | RWTH Aachen University
Chair of Production Metrology and Quality Management &
Institute for Information Management
in Mechanical Engineering (Prof. Robert Schmitt)

The authors would like to thank the Federal Government and the Heads of Government of the Länder, as well as the Joint Science Conference (GWK), for their funding and support within the framework of the NFDI4Ing consortium. Funded by the German Research Foundation (DFG) - project number 442146713.