

RDM4mic workgroup

Research Data Management for microscopy data as a community task

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Highlights

- Bring together experience and expertise in terms of data management
- Benefit from the diversity of imaging core facilities
- Get support from strong community to solve your local data management challenges



Who we are

- Strongly supported by German BioImaging and OME
- > 20 core facilities involved
- Regular meetings every 4 months

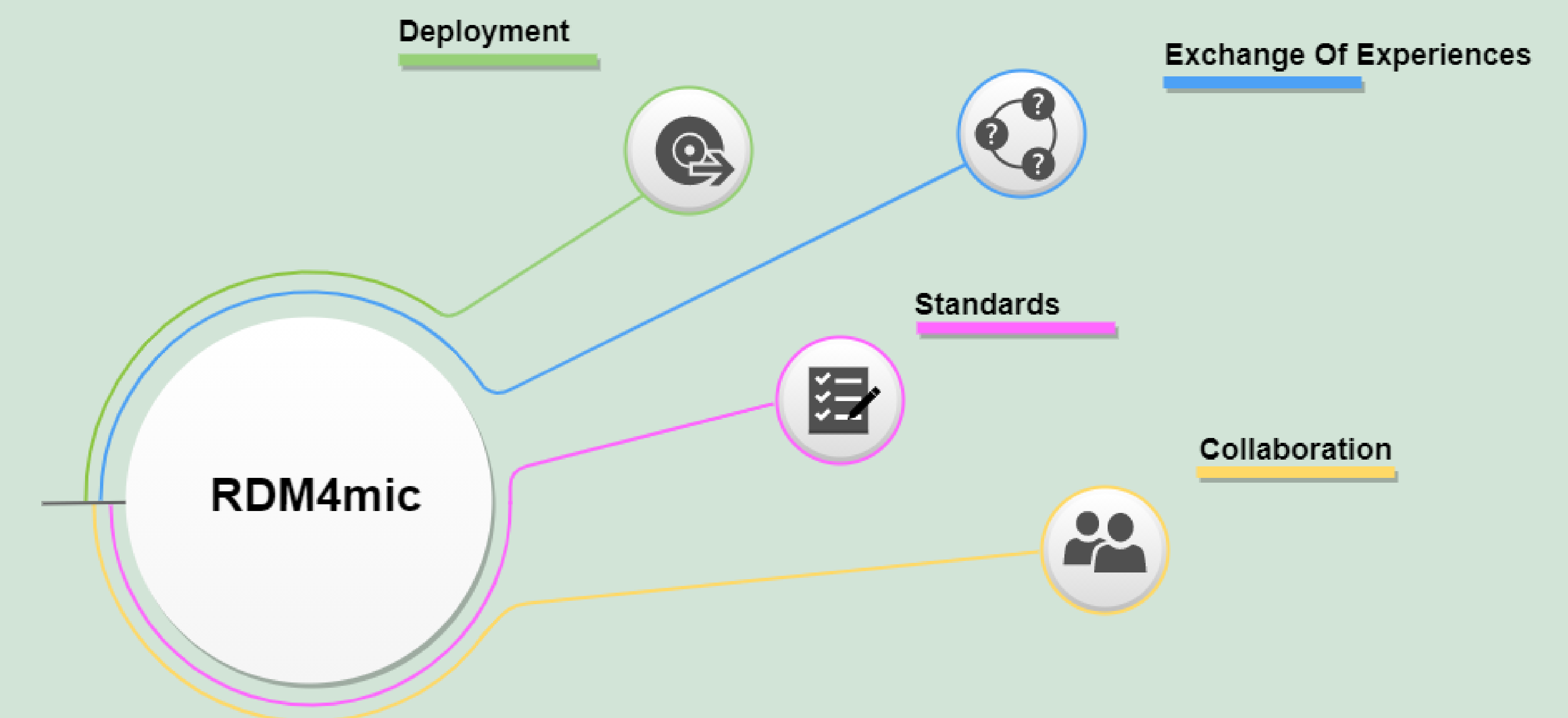
Next levels

I3D:bio -- a proposed information infrastructure for bioimaging data

NFDI4BioImaging



What we do



Deployment

As we perform research data management at different advanced levels, we support each other in developing a data management infrastructures, including deployment of tools, workflows and training.

Exchange of Experiences

We share our experience and expertise in all areas of data management:

- Requirements for a data management infrastructure
- Requirements for setting up an image repository
- Workflows in image data management
- Usage of electronic labnotebooks (ELN's)
- Change management

Standards

To promote and enforce the annotation of microscopy images the members of the RDM4mic group agreed on a minimum metadata standard. This standard is now deployed in our imaging core facilities. By recording workflows with in different experimental frameworks and approaches, we develop generalised workflow models. Based on these workflows we initiate standardisation processes with regard to formats and interfaces. Furthermore, targeted software support requirements can be derived from this.

Collaborations

We work closely together in the development of new workflows and the adaptation of data management structures, as well as the implementation of interfaces. We collect and produce training materials and materials for various aspects of research data management (e.g. templates data policies for core facilities).



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