

RDMTraining4NFDI - Consolidating Training of Research Data Management Skills in the NFDI

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Abstract:

The National Research Data Infrastructure (NFDI) aims to foster professional research data management (RDM) skills at universities and research institutions nationwide and support the adoption of the FAIR principles. Achieving this goal requires not only the necessary technical infrastructure, but also individuals who possess broad expertise in both generic and domain-specific aspects of RDM. All of the NFDI consortia meanwhile provide training of RDM skills to their community and are working on further improvement of these offers.

The intended base service "RDMTraining4NFDI" - at the time of the abstract submission in the process of reapplying for the Base4NFD initiation phase - aims to develop modular teaching concepts and materials that can be used to create training programmes and courses in research data management by testing different training formats. The planned measures will be critically discussed with representatives of all NFDI consortia during a workshop that will take place in July, 2024. As a NFDI basic service, RDMTraining4NFDI would like to make the modular concepts and resources openly available to NFDI consortia and develop certification possibilities to set standards within the NFDI.

The project will support the consortia in transforming the modular concepts and materials into discipline-specific training programmes and running and certifying the corresponding training activities. Aimed at those responsible for training in NFDI consortia, this basic service will provide each training coordinator with the concepts and materials they need. Several formats will be used to prepare, test and evaluate the teaching concepts and materials. These formats are designed to cater to the needs regarding data management in the research community. The learning content and materials will be made freely available through DALIA as open educational resources (OERs) under the CC-BY license and in accordance with FAIR principles. Once established, NFDI certification of RDM training will ensure that the respective courses cover core competencies that are relevant across multiple domains.

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