

Data Collections Explorer

For research data to be used efficiently, it must be easy to find and access. This is a requirement in all areas of science. The Data Collections Explorer, developed within NFDI4Ing for the engineering sciences, targets these needs. It is an information system that provides an overview of research data repositories, archives, databases as well as individual datasets published in the field. Two use cases are considered:

1. Scientists searching for data sets. Are there datasets available to aid in your research? Are there benchmarks available to check your results? Are these datasets available under an open access license?
2. Scientists aiming to publish data sets: Among community-specific repositories, which ones are suitable to publish the research data? Do repositories restrict the size of the datasets that can be uploaded and if so, what are the limits? Are publication fees charged and if so, how much is charged?

To facilitate answering these questions, the Data Collections Explorer provides both a free text search and filters for type of service, subject area, and access license. Where appropriate and available, information on data size limits and publishing fees is provided.

The Data Collections Explorer complements re3data, as it includes entries which are outside its scope or which are not listed.

This concept is not limited to the engineering sciences. To broaden the impact, we are currently working on expanding the Data Collections Explorer to the material sciences and engineering community within NFDI-MatWerk.

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Please specify "other" (stakeholder)

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NFDI, NFDI4Ing, FAIR, Engineering Sciences

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Tools

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Data Infrastructure Provider

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