Data Discovery Paradigms: User Requirements and Recommendations for Data Repositories

The Challenge:

When there are more and more data open and available through data repositories, it becomes ever more challenging for researchers to find relevant data. This supporting output presents a work that addresses the data findability problem.

What is the solution?

By gathering and analysing use cases, the IG has identified a core set of functional requirements for a data repository and proposed ten recommendations with exemplar implementations to meet the requirements. This work can help data repositories improve search and discovery of their data.

Produced by: Data Discovery Paradigms Interest Group
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What is the impact?

The work focuses on enabling and improving the methods and tools by which users find data in repositories. Recommendations can be used as guidelines or as a reference for developers, project and product managers at data repositories, as well as researchers who are involved in developing and improving data repositories, community platforms, or interfaces to data collections.