

Curate Me If You Can: Repository Metadata in re3data

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The Registry of Research Data Repositories re3data is a major directory of research data repositories that makes metadata on repositories for the permanent storage and access of data sets openly available according to re3data's Metadata Schema Version 4.0 (<https://www.doi.org/10.48440/re3.014>). The international index currently lists over 3350 digital repositories across all scientific disciplines –critical infrastructures to enable the global exchange of research data. It is widely used by researchers to identify repositories to find and deposit data. Funders and publishers recommend re3data to guide investigators and authors to repositories to meet their requirements for sharing the data that support grant-funded research and publications. Librarians and lecturers use re3data to promote data literacy. Additions of new repositories from users like data stewards, repository operators or researchers in re3data are managed by an international Editorial Board. The editorial process includes a multi-stage review, adapting best practices in science. A team of research data professionals thoroughly analyzes the repositories and ensures the metadata completeness and quality of the records.

Therefore, re3data promotes open science practices and the visibility of science-driven open infrastructures for research data. The service makes its data open, available under a CC0 license. Its web interface and API enable end users and third-party providers to utilize the largest index of research data repositories in the world.

The poster will focus on the use and benefits which re3data provides to the research data community. It will demonstrate the simplicity of the suggest and the update process of a repository record in the registry. We want to facilitate updates through the community via a guided process of submitting change requests for repositories. Curating the repository information together with the research data community is crucial and contributes to high standards in data management, follows the FAIR principles and promotes a culture of open science. A use case for this is currently being implemented with members of the NFDI. The detailed process will be illustrated on a poster and walked through by the presenters.

Abstract

Poster

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