Celebrating 10 Years of re3data – The Registry of Research Data Repositories

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

What is re3data? 🔍 Search

re3data indexes research data repositories across all academic disciplines. The openly accessible service promotes a culture of sharing and improves accessibility and visibility of research data sets. It enables researchers, funding bodies, publishers, scholarly institutions, and other services to select appropriate repositories for storing and discovering research data.

re3data Origins

re3data emerged from two DFG-funded projects, starting in 2011, including the Helmholtz Open Science Office, Humboldt-Universität zu Berlin, and the Karlsruhe Institute of Technology. In March 2013, re3data and DataBib, developed at Purdue University in the United States, merged their directories. re3data is now a Partner Service of DataCite e. V. and co-chaired by the Karsruhe Institute of Techology (KIT) and Purdue University.

Latest Projects:
re3data COREF
FAIRsFAIR
FAIR-IMPACT

re3data coref
FAIRSFAIR
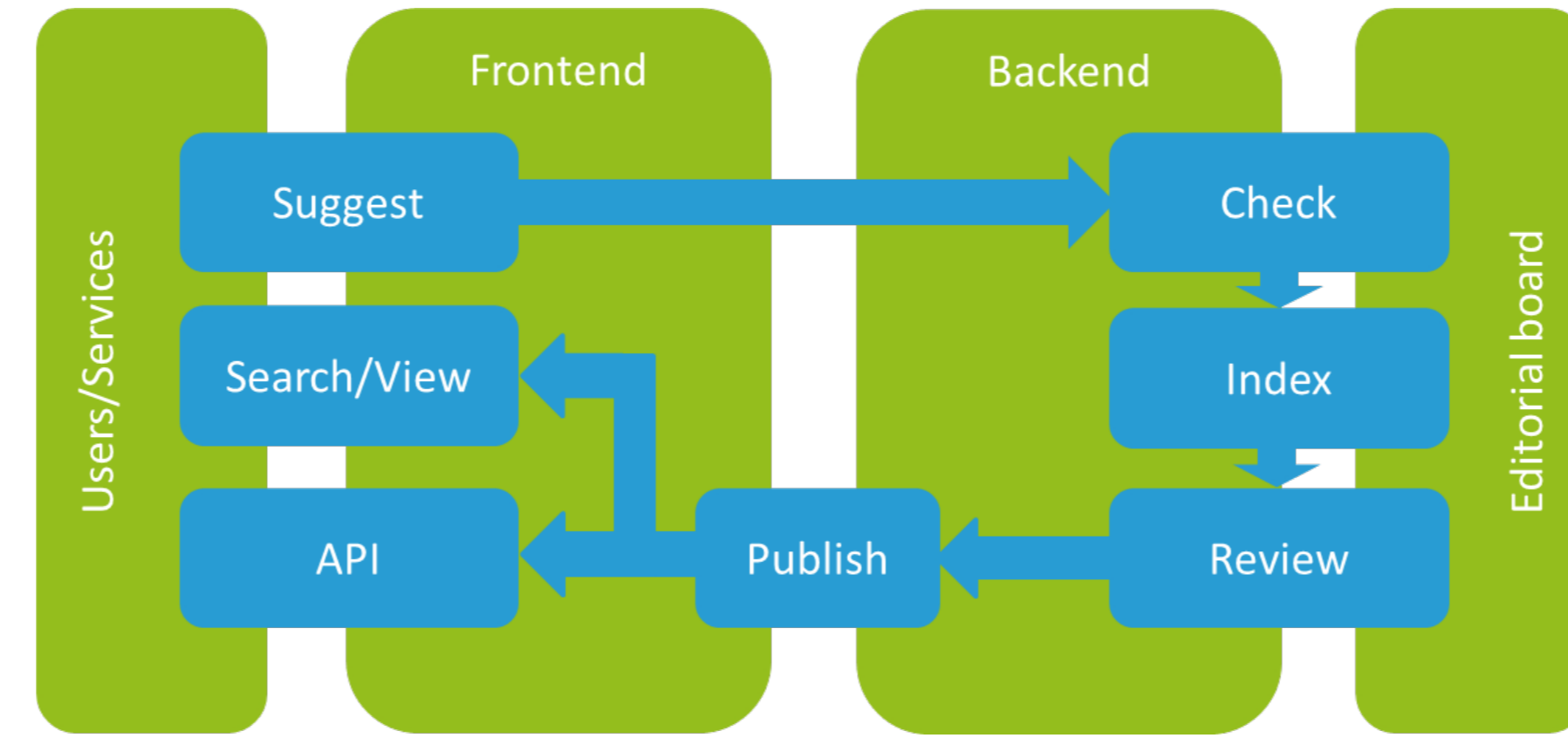Fostering Fair Data Practices in Europe

Curated Metadata Quality

New suggestions and change requests for 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 experts thoroughly analyzes the repositories and ensures the completeness and quality of the metadata.

Meet the International Editorial Board.

Comprehensive Metadata Schema

Our detailed repository descriptions are based on the re3data Metadata Schema, whose 42 attributes cover various aspects of research data repositories, including general scope, content, policies as well as compliance with technical and metadata standards.

See the updated Schema Version 3.1.

re3data Editorial Workflow:

Frontend — Backend
Users/Services | Suggest → Check | Editorial board
Search/View ← Index
API ← Publish ← Review

Using the re3data API

There are many conceivable use cases for re3data metadata. The re3data COREF team compiled examples to inspire you on how to use the re3data API.

Visit the re3data GitHub Repository

Adoption and Reuse of re3data Metadata

re3data serves as an important reference point and data source for other service providers.

See for example:
- Open Science Observatory
- European Open Science Monitor
- DataCite Commons
- F-UJI Automated FAIR Data Assessment Tool
- DARIAH-EU Data Deposit Recommendation Service

Timeline

2022
re3data integration in DataCite Commons; start of the FAIR-IMPACT project

June 2022
Over 2800 repositories indexed

2021
Metadata Schema Version 3.1 & Conceptual Model for User Stories published (re3data COREF)

2020
Start of the re3data COREF project (Partners: DataCite e.V., Helmholtz Open Science Office, Humboldt-Universität zu Berlin, Karlsruhe Institute of Technology)

2019
Start of the FAIRsFAIR project

2017
Over 2000 repositories indexed

2016
Continuation of re3data beyond the DFG-funded project phase

2015
re3data becomes a DataCite Partner Service

2014
Over 1000 indexed repositories

2013
Merge with DataBib

2012
re3data website goes live

2011
Start of the first DFG-funded project

DataCite — CONNECTING RESEARCH, IDENTIFYING KNOWLEDGE
HELMHOLTZ Open Science
HUMBOLDT-UNIVERSITÄT ZU BERLIN
KIT — Karlsruher Institut für Technologie
PURDUE UNIVERSITY