DataLad

Step by step to FAIR data and reproducibility management.

FAIR data management is the foundation of scientific discovery and efficiency, but difficult to achieve in practice. DataLad aids data management with version control, streamlined data publication and -retrieval routines, and reproducible data analysis.

Data discovery: File-level access to > 500TB of openly available datasets

Simplified version control: Easy tracking, built upon industry standards

Decentral: No central server/ service required - your computer suffices

Interoperable: Integrates with third party services for data/code hosting

Reproducibility and trust built-in: Data provenance for science and security, optional encryption & credentials

Open and established: Used by portals and consortia (OpenNeuro, CRCs, ...)

Free and open source Python software, available on all operating systems.

DataLad is an ecosystem of software, with just the right extension for your usecase.
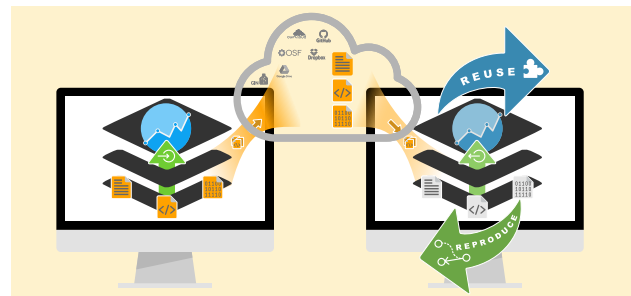
website:

chat:

handbook:

Manage, reproduce, reuse:

Create a dataset

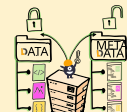Track data regardless of size or format

Capture processing reproducibly

Publish data to infrastructure you like

Clone and get others' datasets

Extract and expose metadata

DataCat

GENERATE A USER-FRIENDLY DATA BROWSER FROM STRUCTURED METADATA

The ABCD-J Data Catalog
ABCD-J Research Consortium
Version: a177327 Last updated: 2024-10-04 DOI: *unknown* License: *unknown*

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Description: This data catalog contains datasets from the ABCD-J research community project, officially titled "Verbundprojekt: Accessing Behavior for Clinical Data and Joint usage (ABCD-J) - Eine Plattform für Verhaltensmarker der digitalen Neuromedizin in NRW". This project is a collaboration between five research institutions in the German state of North Rhine-Westphalia: University Clinic RWTH Aachen, University Clinic Bonn, University Clinic Düsseldorf, University Clinic Cologne and Research Centre Jülich. The project aims to develop technical solutions for research practice adoption. From the social perspective, the ABCD-J project aims to promote and facilitate project will accelerate research through homogenization of workflows and processes, with particular emphasis on digital biomarker development.

A decentral data catalog to make data Findable!

Keywords:
Aachen · Bonn · Cologne · Düsseldorf · Jülich · Collaboration · Research · Open data · FAIR · Biomarker · Clinical · Behaviour

Properties:
Datasets: 18

Content | Datasets (18) | Funding | ABCD-J

📁 FZJ
📁 UKD

Data sharing with no breach of privacy