Resource Summary Report

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DataLad

RRID:SCR_003931
Type: Tool

Proper Citation

DataLad (RRID:SCR_003931)

Resource Information

URL: http://datalad.org/

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Description: Project to adapt model of open source software distributions to address technical limitations of data sharing and develop all components of data distribution. Builds on top of git-annex and extends it with intuitive command line interface. Enables users to operate on data using familiar concepts, such as files and directories, while transparently managing data access and authorization with underlying hosting providers. Can create DataLad datasets using any data files published on the web.

Abbreviations: DataLad

Synonyms: DataGit, Data Lad

Resource Type: portal, data or information resource, software resource

Defining Citation: DOI:10.21105/joss.03262

Keywords: Data sharing, aggregator, federated platform, distributed version control system, data set

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NSF 1912266;
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Deutsche Forschungsgemeinschaft SFB1451-INF;

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Availability: Free, Freely available

Resource Name: DataLad

Resource ID: SCR_003931

Alternate IDs: nlx_158300

Alternate URLs: https://github.com/datalad/datalad.org

License: MIT license

Record Creation Time: 20220129T080221+0000

Record Last Update: 20250412T054902+0000

Ratings and Alerts

No rating or validation information has been found for DataLad.

No alerts have been found for DataLad.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Szczepanik M, et al. (2024) Teaching Research Data Management with DataLad: A Multi-year, Multi-domain Effort. Neuroinformatics, 22(4), 635.

Ioanas HI, et al. (2024) Neuroimaging article reexecution and reproduction assessment system. Frontiers in neuroinformatics, 18, 1376022.

Koch C, et al. (2024) Influence of surprise on reinforcement learning in younger and older adults. PLoS computational biology, 20(8), e1012331.

Schweinar A, et al. (2024) Simplifying Multimodal Clinical Research Data Management: Introducing an Integrated and User-friendly Database Concept. Applied clinical informatics, 15(2), 234.

Chen HT, et al. (2024) Paradoxical replay can protect contextual task representations from destructive interference when experience is unbalanced. bioRxiv : the preprint server for biology.

Halchenko YO, et al. (2024) HeuDiConv - flexible DICOM conversion into structured directory layouts. Journal of open source software, 9(99).

Feczko E, et al. (2024) Baby Open Brains: An Open-Source Repository of Infant Brain Segmentations. bioRxiv : the preprint server for biology.

Pierré A, et al. (2024) A Perspective on Neuroscience Data Standardization with Neurodata Without Borders. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(38).

Kalantari A, et al. (2023) How to establish and maintain a multimodal animal research dataset using DataLad. Scientific data, 10(1), 357.

Zhao C, et al. (2023) A reproducible and generalizable software workflow for analysis of large-scale neuroimaging data collections using BIDS Apps. bioRxiv : the preprint server for biology.

Poline JB, et al. (2023) Data and Tools Integration in the Canadian Open Neuroscience Platform. Scientific data, 10(1), 189.

Memar S, et al. (2023) Open science and data sharing in cognitive neuroscience with MouseBytes and MouseBytes. Scientific data, 10(1), 210.

Feilong M, et al. (2023) The individualized neural tuning model: Precise and generalizable cartography of functional architecture in individual brains. Imaging neuroscience (Cambridge, Mass.), 1.

Oren S, et al. (2022) Neural encoding of food and monetary reward delivery. NeuroImage, 257, 119335.

Saha DK, et al. (2022) Privacy-preserving quality control of neuroimaging datasets in federated environments. Human brain mapping, 43(7), 2289.

Covitz S, et al. (2022) Curation of BIDS (CuBIDS): A workflow and software package for streamlining reproducible curation of large BIDS datasets. NeuroImage, 263, 119609.

Wagner AS, et al. (2022) FAIRly big: A framework for computationally reproducible processing of large-scale data. Scientific data, 9(1), 80.

Wu J, et al. (2022) Cross-cohort replicability and generalizability of connectivity-based

psychometric prediction patterns. NeuroImage, 262, 119569.

Das S, et al. (2022) The C-BIG Repository: an Institution-Level Open Science Platform. Neuroinformatics, 20(1), 139.

Ciric R, et al. (2022) TemplateFlow: FAIR-sharing of multi-scale, multi-species brain models. Nature methods, 19(12), 1568.