



# EUDAT

EUDAT has developed five services which are seen as priorities for research communities and address core functional requirements of the EUDAT Collaborative Data Infrastructure (CDI).



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[www.eudat.eu](http://www.eudat.eu)

New services under discussion include services to support semantic annotation, as well as services to handle real-time data streams and crowdsourced data.

## B2DROP

Do you need to store and exchange data, stipulating how, with whom and for how long, while accessing up to 20Gb of storage? Would you like to be able to synchronize multiple versions of your files and ensure automatic desktop synchronization of large files? EUDAT's B2DROP is the solution.



### B2DROP

Sync and Exchange Research Data

A secure and trusted service that allows you to keep your data synchronized across different devices and to enable fine-grained access permissions to your documents so that they can be shared with other researchers.

## B2SHARE

B2SHARE

Do you need improved facilities for publishing data? Would you like to guarantee long-term persistence of your locally-stored data? Do you need support to easily share data, results or ideas with colleagues worldwide? EUDAT's B2SHARE is a must.



### B2SHARE

Store and Share Research Data

A user-friendly, secure, robust, reliable and trusted service to share and store your research data adding value to your research data by assigning Persistent Identifiers to ensure long-lasting access and reference.

## B2SAFE

B2SAFE

Are you a small or medium-sized repository that needs the capacity to store data and offer access to it for long periods, but that does not have long-term funding in place for the preservation of data? Would you like to offer major computational services on your stored data for a large number of users? Then B2SAFE is for you.



### B2SAFE

Replicate Research Data Safely

A robust, safe and highly-available replication service allowing community and departmental repositories to replicate and preserve their research data. Different access and deployment options are offered which range from tailored solutions for Fedora and DSpace repository systems via simplified utilization options to a full integration of repositories with the network of EUDAT data nodes.

## B2FIND

B2FIND

Would you like to quickly find useful data resources for your research purposes or build new collections of data to address specific research questions or even get quick overviews of available data and produce statistics as well as sharing comments on the data with other users?



### B2FIND

Find Research Data

A simple and user-friendly portal to find research data collections stored in EUDAT data centres and other repositories. B2FIND harvests metadata from diverse sources, maps it, and makes it publicly available through its cross-disciplinary catalogue.



Network of trust among authentication and authorization actors



Identity Integrity Authenticity Locations



B2DROP

Sync and exchange



B2SHARE

Store and share



B2SAFE

Data curation and access optimization



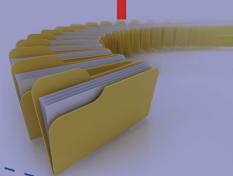
B2STAGE

Dynamic replication to HPC workspace for processing



B2FIND

Aggregated EUDAT metadata domain Data inventory



External community metadata store



## B2STAGE

B2STAGE

Are you a researcher who needs access to both large-scale data storage and high-performance computing systems? Then EUDAT's B2STAGE solution can help you.



### B2STAGE

Get Data to Computation

A reliable, efficient, easy-to-use service to ship large amounts of research data between EUDAT data nodes and workspace areas of high-performance computing systems.

### Get Involved!

To contribute to the development of existing and future services, EUDAT has set up Working Groups on topics identified and prioritized based on needs and requirements from communities and individual users. These groups focus on Dynamic Data, Workflow Support, Semantics and Data Access and Reuse policies. Find out more at <http://www.eudat.eu/working-groups>

### Data Management and Open Access Support

As a cross-community, data-driven project EUDAT is strongly positioned to support the European Commission's Horizon 2020 open access data pilot aiming at a reliable and high-performance infrastructures for data management - because EUDAT shares the same goals. Check out the EUDAT Policy on Data Management and Open Access to Research Data: <http://www.eudat.eu/eudat-position-notes>