



WRITING EFFECTIVE SERVICE DOCUMENTATION FOR THE EUDAT B2 SUITE

**June 23rd, 2022 @ EOSC Future – ENVRI:
Training on service documentation & tutorial writing**

Chris Ariyo | EUDAT CDI B2SHARE Service Owner



eudat.eu



[@eudat_eu](https://twitter.com/eudat_eu)



EUDAT CDI Services Overview

EUDAT CDI B2 Services Documentation

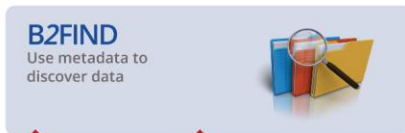
- Approach to Documentation writing
- Format & Location of Documentation
 - **B2ACCESS, B2DROP, B2FIND, B2HANDLE, B2SAFE, B2SHARE**

EUDAT CDI B2 SERVICES OVERVIEW





Data discovery



Data access & sharing



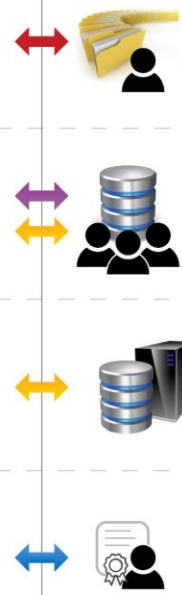
Data management & preservation

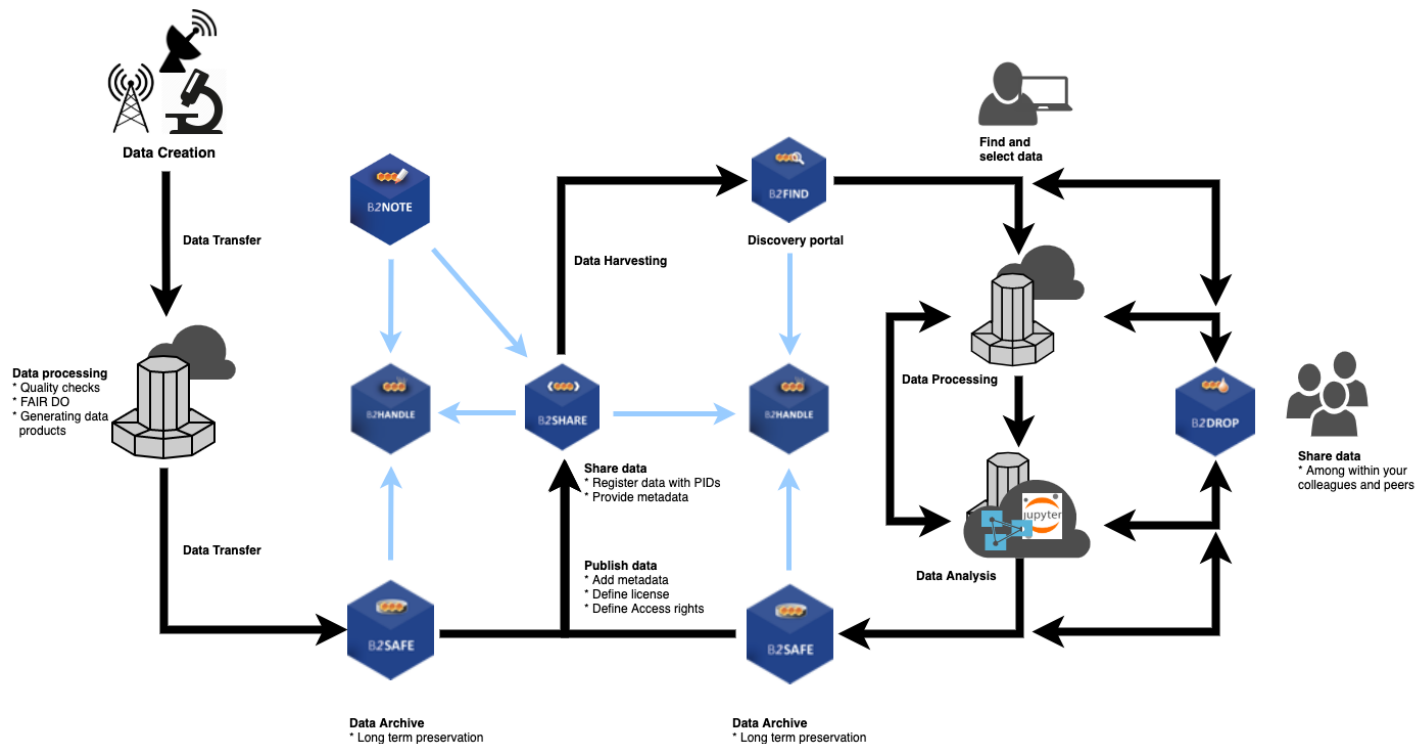


User management



External domain





SERVICES DOCUMENTATION



Who is the End User for the documentation?

Documentation Sources & Team(s)

- **Core Technology Developers & Documentation**
 - B2ACCESS – Unity IDM (<https://www.unity-idm.eu/>)
 - B2DROP – NextCloud <https://nextcloud.com/>
 - B2FIND – CKAN <https://ckan.org/>
 - B2HANDLE - Handle system server/client toolkit <https://www.handle.net/>
 - B2SAFE – iRODS <https://www.irods.org/>
 - B2SHARE – Invenio <https://invenio-software.org/>
- B2 Services Developers
- Non B2 Services Developers
- Web Developers
- Users

Location & Format of Service Documentation



Codes

- <https://github.com/EUDAT-B2ACCESS>
- <https://github.com/EUDAT-B2DROP>
- <https://github.com/EUDAT-B2FIND>
- <https://gitlab.eudat.eu/b2safe/B2HANDLE>
- <https://gitlab.eudat.eu/b2safe>

Description/Catalog

- <https://sp.eudat.eu/catalog>

Usage/Deployment

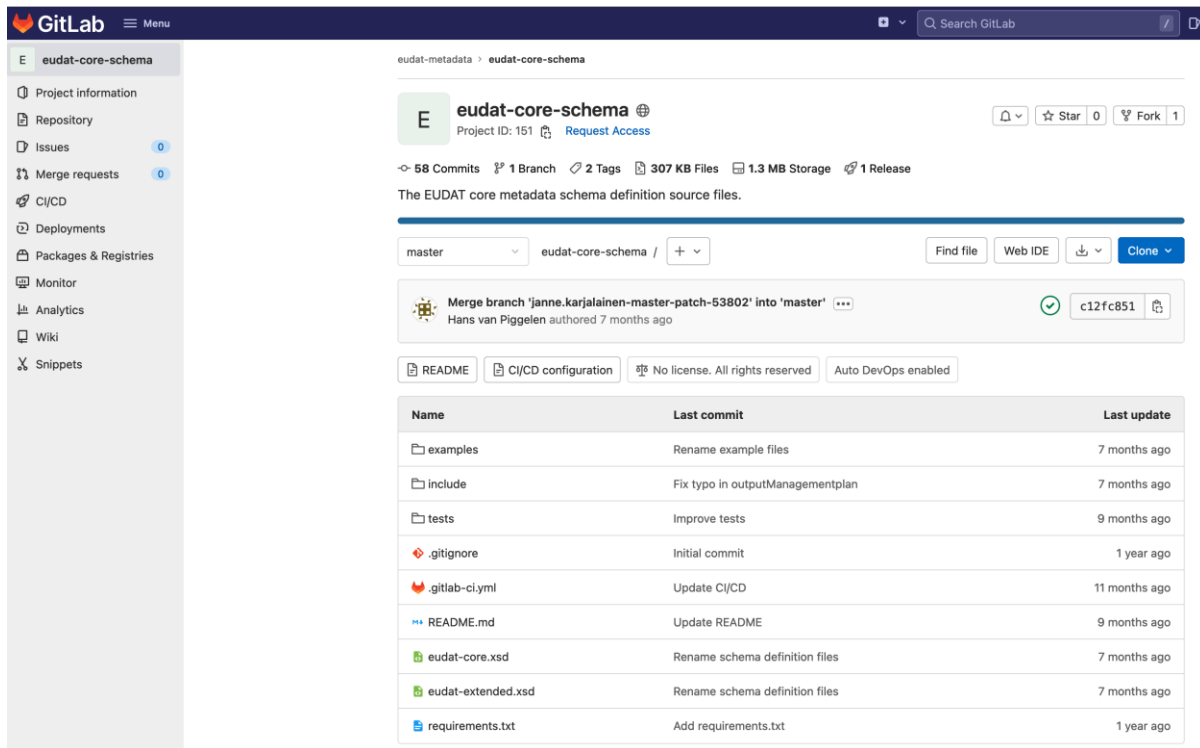
- <https://eudat.eu/services/userdoc/b2access-usage>
- <https://eudat.eu/services/userdoc/b2drop>
- <https://eudat.eu/services/userdoc/b2find-usage>
- <https://eudat.eu/services/userdoc/b2handle-for-end-users>
- <https://eudat.eu/services/userdoc/irods-deployment>

Training

- <https://b2drop.eudat.eu/s/Z8Oej8sthZiqYdp>
- <https://b2drop.eudat.eu/s/2GpFzSjMvW1IwIs>
- <https://github.com/EUDAT-Training/B2FIND-Training>
- <https://b2drop.eudat.eu/s/nHc0T3TIWoEGcVP>
- <https://eudat.eu/b2safe-training-suite>

Location & Format of Service Documentation

Codes – <https://github.com/EUDAT-B2SHARE> | <https://gitlab.eudat.eu/eudat-metadata/eudat-core-schema>



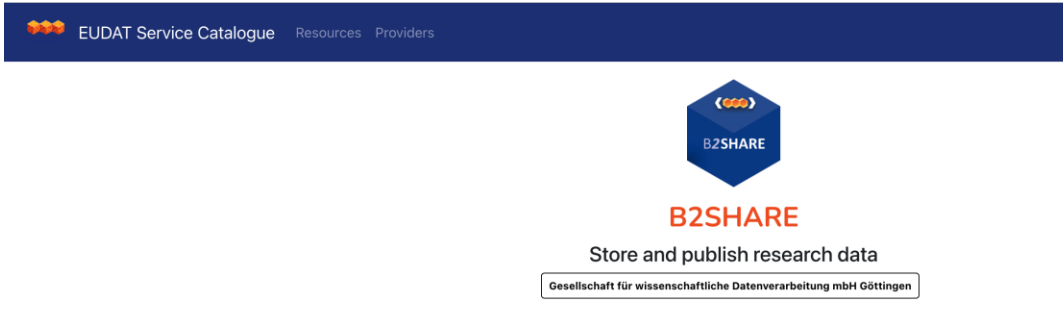
The screenshot shows the GitLab interface for the repository `eudat-core-schema`. The left sidebar contains navigation options: Project information, Repository, Issues (0), Merge requests (0), CI/CD, Deployments, Packages & Registries, Monitor, Analytics, Wiki, and Snippets. The main content area displays the repository name, project ID (151), and a request access link. It also shows statistics: 58 Commits, 1 Branch, 2 Tags, 307 KB Files, 1.3 MB Storage, and 1 Release. A description states: "The EUDAT core metadata schema definition source files." Below this is a file browser for the `master` branch, showing a merge commit: "Merge branch 'janne.karjalainen-master-patch-53802' into 'master'" by Hans van Piggelen, 7 months ago. At the bottom, a table lists the repository's files and their last commit details.

Name	Last commit	Last update
examples	Rename example files	7 months ago
include	Fix typo in outputManagementplan	7 months ago
tests	Improve tests	9 months ago
.gitignore	Initial commit	1 year ago
.gitlab-ci.yml	Update CI/CD	11 months ago
README.md	Update README	9 months ago
eudat-core.xsd	Rename schema definition files	7 months ago
eudat-extended.xsd	Rename schema definition files	7 months ago
requirements.txt	Add requirements.txt	1 year ago


Location & Format of Service Documentation



- Description/Catalog – <https://sp.eudat.eu/catalog>

A screenshot of the EUDAT Service Catalogue website. The top navigation bar is dark blue with the EUDAT logo and the text 'EUDAT Service Catalogue Resources Providers'. Below the navigation bar is a large white area with a blue hexagonal B2SHARE logo in the center. Below the logo is the text 'B2SHARE' in red, followed by 'Store and publish research data' in black. At the bottom of this section is a small white box with the text 'Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen' in black.

EUDAT Service Catalogue Resources Providers

 B2SHARE

B2SHARE

Store and publish research data

Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen

📍 Official Website ▾

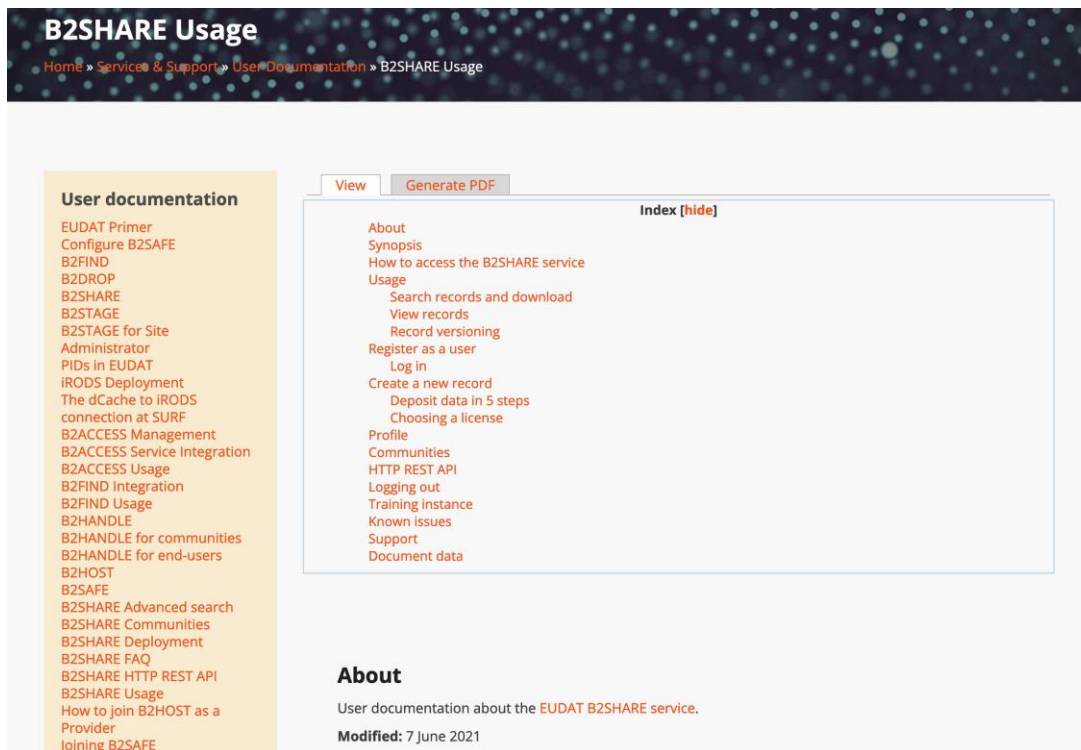
B2SHARE is a user-friendly, reliable and trustworthy way for researchers, scientific communities and citizen scientists to store, publish and share research data in a FAIR way. B2SHARE is a solution that facilitates research data storage, guarantees long-term persistence of data and allows data, results or ideas to be shared worldwide. B2SHARE supports community domains with metadata extensions, access rules and publishing workflows. EUDAT offers communities and organisations customised instances and/or access to repositories supporting large datasets.

Features

- Support of metadata descriptions via the EUDAT metadata schema
- Registers DOIs for datasets and Handle PIDs for data objects
- Supports versioning
- Harvested by B2FIND and OpenAIRE explorer
- Direct upload from B2DROP
- Accessible via a Web GUI and an API to support automatic publishing workflows
- Supports community domains
- Allows communities to define metadata extensions, access rules and publishing workflows



Usage – <https://eudat.eu/services/userdoc/b2share-usage>



B2SHARE Usage

Home > Services & Support > User Documentation > B2SHARE Usage

User documentation

- EUDAT Primer
- Configure B2SAFE
- B2FIND
- B2DROP
- B2SHARE
- B2STAGE
- B2STAGE for Site Administrator
- PIDs in EUDAT
- iRODS Deployment
- The dCache to iRODS connection at SURF
- B2ACCESS Management
- B2ACCESS Service Integration
- B2ACCESS Usage
- B2FIND Integration
- B2FIND Usage
- B2HANDLE
- B2HANDLE for communities
- B2HANDLE for end-users
- B2HOST
- B2SAFE
- B2SHARE Advanced search
- B2SHARE Communities
- B2SHARE Deployment
- B2SHARE FAQ
- B2SHARE HTTP REST API
- B2SHARE Usage
- How to join B2HOST as a Provider
- Joining B2SAFE

View Generate PDF

Index [hide]


- About
- Synopsis
- How to access the B2SHARE service
- Usage
 - Search records and download
 - View records
 - Record versioning
- Register as a user
 - Log in
- Create a new record
 - Deposit data in 5 steps
 - Choosing a license
- Profile
- Communities
- HTTP REST API
- Logging out
- Training Instance
- Known issues
- Support
- Document data

About

User documentation about the EUDAT B2SHARE service.

Modified: 7 June 2021

Location & Format of Service Documentation



The image shows the cover of a book titled "B2SHARE REST API". The cover has a light orange background with a white central area. At the top left is the EUDAT logo, and at the top right is the B2SHARE logo with the tagline "Store and Publish Research Data". The main title "B2SHARE REST API" is in large, bold, black letters. Below it, the subtitle "How to store and publish research data using the B2SHARE REST API" is in a smaller, grey font. At the bottom left, it says "This work is licensed under the Creative Commons CC-BY 4.0 licence" with the CC-BY icon. Below that, it says "Version 3" and "November 2017". At the bottom right, there are two URLs: "b2share.eudat.eu" and "www.eudat.eu". At the very bottom, in small text, it says "EUDAT receives funding from the European Union's Horizon 2020 programme - DG CONNECT e-Infrastructures. Contract No. 654065".

EUDAT

B2SHARE
Store and Publish Research Data

B2SHARE REST API

How to store and publish research data
using the B2SHARE REST API

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Version 3
November 2017

b2share.eudat.eu
www.eudat.eu

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COMMENTS ?
QUESTIONS ?

Chris Ariyo
Chris.Ariyo@csc.fi
EUDAT CDI B2SHARE Service Owner

