B2DROP

EUDAT’s Sync & Exchange Service

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EUDAT B2DROP Task Force
EUDAT Storage Services

- **B2SAFE**
  - provides safe long-term storage for static digital objects
  - assigns PIDs to every object, for internal management
  - enables access for a „community manager“

- **B2SHARE**
  - provides long-term storage for static digital objects, enriched with metadata
  - assigns PIDs to every object, to make it referable
  - allows to publish digital objects, with few ACL management capabilities
Storage „Services“ for Digital Objects
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Motivation

Before we have publications or data repositories, the digital objects are dynamic.

Establish a service that provides cloud-like functionalities to synchronize and exchange dynamic digital objects
EUDAT B2DROP

• access for large communities and citizen scientists
• user-friendly interfaces (browser, app)
• enable collaborative work (exchange)
• reliable EUDAT resources as backend

➤ transfer to other EUDAT Services
B2DROP Use Cases

Synchronization

Exchange
Try It!

https://b2drop.eudat.eu
Technology Appraisal and Evaluation

**ownCloud** was chosen after a first evaluation:

- Open-Source project (GNU AGPLv3)
  - large community of developers
  - community and enterprise version
  - extensible via plugin framework
- All interested partners already gathered experiences with it, or run it for their institution
B2DROP: Exchange Functionalities
B2DROP: Access and Offer

Access to B2DROP is available using:

- Browser
- WebDAV
- Applications (Win, OSX, Linux, iOS, Android)

The current offering:

- 20GB of disk space
- Synchronization and sharing of files
  (other ownCloud plugins may follow)
Summary

Done:
• technology evaluation
• implementation of a temporary user management
• deployment and branding of a first prototype

What is planned for the future:
• extend ownCloud to provide a bridge to B2SHARE
• discuss and provide different Service Levels
• integrate the yet-to-be-finished AAI
https://b2drop.eudat.eu
New User Registration
Password Self Service

To register a new account, please complete the following form
using your institution's email address.
Otherwise it is possible that we do not accept your account.

Email Address (Institution)*
username@example.com

First Name*

Last Name*

New Password*
- Password is not case sensitive.
- Must be at least 2 characters long.
- Must not include any of the following values: password test
- Must not include part of your name or username.
- Must not include a common word or commonly used sequence of characters.

Continue  Cancel