CASE: THE PROJECT MILDRED
OVERVIEW OF THE APPLICATION
AND SERVICE ARCHITECTURES

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THE PROJECT MILDRED?

• MILDRED is the project for updating research data infrastructure of the University of Helsinki to provide tools and services for supporting the data management, use, discoverability and sharing of data, capacity for storage, preservation, computing and processing.

• The aim of MILDRED is to provide researchers with a state-of-the-art infrastructure and design data related services to help researchers.

• The infrastructure will be developed for and with researchers and user groups are pivotal in the development process and together with national and international parties.
STRATEGY 2017-2020

A CREATIVE, INTERNATIONAL ENVIRONMENT FOR LEARNING AND TOP-LEVEL RESEARCH

TARGETS OF DEVELOPMENT
- Profiling and recruitment
- A high level and high-impact research
- Open research
- High-quality research infrastructure
- International partnerships

FOCUS ON THE STUDENT

TARGETS OF DEVELOPMENT
- Competitive degrees
- Interaction and learning in the scientific community
- Digitisation of learning environments

RESOURCES FOR REFORM

TARGETS OF DEVELOPMENT
- An open and innovative operational culture
- Development of human resources
- Versatile and flexible funding
MILDRED SUBPROJECTS

1. Digitalization of Research Data Services Delivery
2. Data Repository Service
3. Data Publishing and Metadata Service
4. Data Storage and Backup
5. Implementation of Data Management Planning Tool - Tuuli
EUDAT

B2 Service Suite

B2DROP
Upload and exchange research data

B2SHARE
Share and manage research data

B2SAFE
Replicate Research Data Safely

B2STAGE
Get Data to Computation

B2ACCESS
Identity & Authorization

B2HANDLE
Retrieve/Retrieve

NEW

Generic Execution Framework

DATA TYPE REGISTRY

B2NOTE
WORKSPACE

Network of trust among authentication and authorization actors

Identity
Integrity
Authenticity
Locations

B2DROP
Uploading

B2SHARE
Sharing

B2SAFE
Data security

B2STAGE
Data transfer

External community metadata store

Helsingin Yliopisto

Picture: https://www.eudat.eu/services-support
METADATA AND PUBLISHING

Designed by Pauli Assinen and Joonas Kesäniemi, HULib
STORAGE AND BACKUP
Welcome.
Data management planning tool Tuuli will help you write data management plans.

Sign in
Email address *
Password *
Forgot your password?

Create account
New to DMPTuuli? Create an account today.
ONE PICTURE
MAIN CHALLENGES

• Seamless workflows and automated processes
• Semantic interoperability
• Service interoperability
• Technical interoperability
MORE INFORMATION

- Blog: https://blogs.helsinki.fi
- ThinkOpen: https://www.helsinki.fi/en/research/think-open
- @ProjectMildred
THANK YOU!