 DLCM[®] | Mandated by **swissuniversities**



OLOS in Action!

OLOS Introduction and Demonstration
Webinar

Live on Wednesday November 25th, 2021 @13:30 CET



UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG



Hes·so
Haute Ecole Spécialisée
de Suisse occidentale



UNIVERSITÉ
DE GENÈVE

Agenda

1. Introduction
2. Demo
3. Try it yourself!
4. OLOS guides
5. Q&A



1 | Requirements & expectations



Data Management

Metadata Regulations Funding opportunities Legal obligations Ethics
NAS Institutional Policy Copyrights
Findable Citation Reusable
Active data management Repository Archive Data sharing
Standard ELN Licenses

FUNDERS **JOURNALS** **INSTITUTIONS**

SNSF Long-term preservation Naming
Electronic Laboratory Notebooks Referencing

Data Management Plan **Research**

Organize Accessible DOI Collect Rights Data storage Sensitive data
Anonymisation File formats Interoperable

Findable

Additional data and documents have sufficiently rich metadata and a unique and persistent identifier.



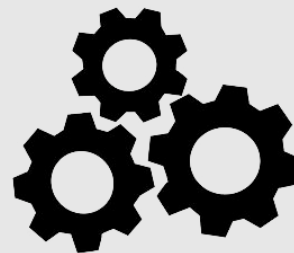
Accessible

Metadata and data are understandable to humans and machines. The data are stored in a reliable repository.



Interoperable

Metadata use a formal, accessible, shared language that applies to all forms of knowledge representation.



Reusable

Data and collections have a clear license to use and provide accurate information about where they come from.



SNSF policy on Open Research Data

“Research data are the evidence that underpins the answer to the research question, and can be used to validate findings regardless of its form (e.g. print, digital, or physical).”

Concordat on Open Research Data, published on 28 July 2016

The SNSF values research data sharing as a fundamental contribution to the impact, transparency and reproducibility of scientific research. In addition to being carefully curated and stored, the SNSF believes research data should be shared as openly as possible.

The SNSF therefore expects all its funded researchers

- › to store the research data they have worked on and produced during the course of their research work,
- › to share these data with other researchers, unless they are bound by legal, ethical, copyright, confidentiality or other clauses, and
- › to deposit their data and metadata onto **existing public repositories** in formats that anyone can find, access and reuse without restriction.

Research data is collected, observed or generated factual material that is commonly accepted in the scientific community as necessary to document and validate research findings.




Journal
supplementary
material
service



Departmental,
project or
personal
website



- ✓ Developed as part of the DLCM project
- ✓ Repository for **Swiss researchers** 
- ✓ **Swiss-based** servers (original & copy)
- ✓ Compliant with **FAIR principles** & provides a **DOI**
- ✓ **Any format** across all scientific disciplines



1 | Based on needs analysis & user feedback



49

interviews in 30 different disciplines during the DLCM pre-study in 2014

21

participants of 4 focus groups from UNIGE & ZHAW

49

first archived datasets on Yareta analyzed in depth

123

participants to the OLOS launch session at SRDD2020

10

participants from EPFL and UNIGE on a first web portal prototype

70

members across 8 swiss HEIs involved in the DLCM project in 2015-2018

7

interviews of researchers using Yareta at UNIGE

160+

support requests from all the HEIs of the Canton of Geneva on Yareta

12

Participants from UNIGE on the final prototype of the web portal

6

participants from ZHAW and UNIGE on a second iteration of the web portal prototype

60

staff members involved in the 11 DLCM project pilot projects at ZHAW in 2018-2020

85

participants to 8 training sessions on Yareta given at UNIGE in 2019-2020



Welcome to Olos

The consultation and archive portal of Switzerland

Search for an archive



Getting started

If you want to upload research data to OLOS, **this series of guides** demonstrates the basics of connecting an existing SWITCH account to OLOS, requesting the creation of a new Organizational Unit, adding your team members, and beginning to manage your data on OLOS.

1. Getting started with OLOS: Plan your request
2. Getting started with OLOS: Connect a SWITCH ID
3. Getting started with OLOS: Ask for an Organizational Unit
4. Getting started with OLOS: Add team members and assign roles



Create a Deposit

First step to archive your data



Search for an archive

Search for publications in public or private archives

Tweets by @OLOSwiss



OLOS

@OLOSwiss

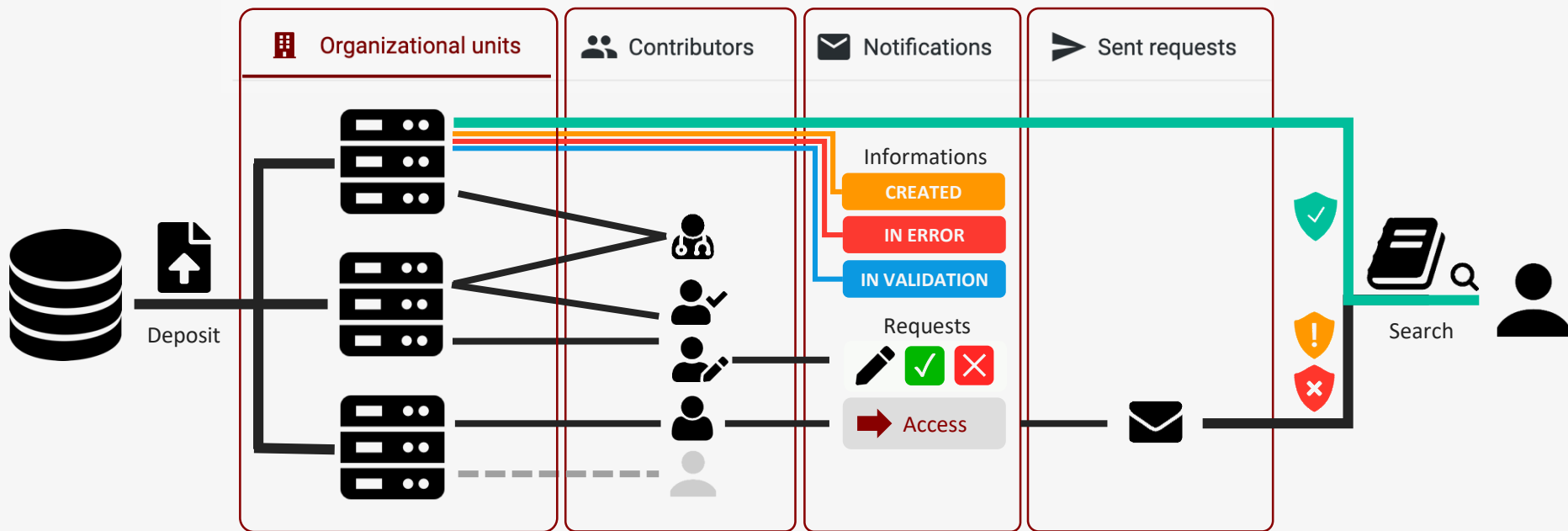
This is your last chance to sign up for our OLOS Webinar, tomorrow from 13:30 to 14:15 CEST! We will answer any questions you might have about our #FAIR repository after we finish demonstrating its capabilities! Register here: olos.swiss/news/olos-act... See you tomorrow!








3h



Preservation space



Organizational units: Allow archiving and sharing data from a project, a department, a lab or research group, etc...

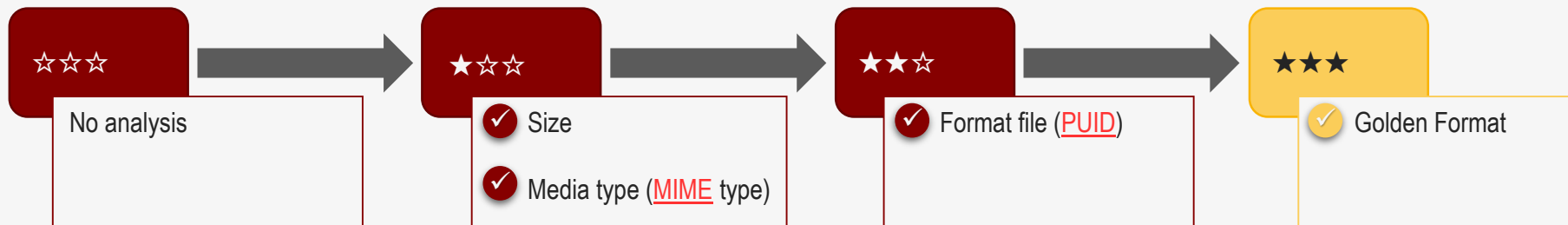
				Members of the Organizational Unit				
Action	Role	Guest (no account)	Guest (with account)	Visitor 	Creator 	Approver 	Steward 	Manager (obligatoire) 
Search metadata of all archives and download data from public archives		✓	✓	✓	✓	✓	✓	✓
Download data from restricted archives			✓(1)	✓	✓	✓	✓	✓
Download data from closed archives			✓(1)	✓(2)	✓(2)	✓(2)	✓	✓
Create deposits					✓	✓	✓	✓
Approve deposits					✓(3)	✓	✓	✓
Manage deposits and archives							✓(4)	✓
Manage organizational Unit and team member roles								✓

(1) Case-by-case basis

(2) Manager, Steward + authorized members (case-by-case)

(3) Depends on the chosen submission policy: DEPOSIT WITHOUT APPROVAL > Creator / DEPOSIT WITH APPROVAL > Approver

(4) Data Steward is a recommended role that brings added value to an Organizational Unit

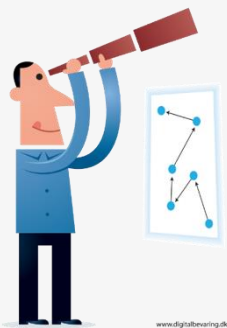


PUID = PRONOM Unique Identifiers (The National Archive, UK)
<https://www.nationalarchives.gov.uk/PRONOM>

Golden Format = recommended formats for long term preservation
(Library of Congress, USA) <https://www.loc.gov/preservation/resources/rfs/>

2 | Primary data types

Observational

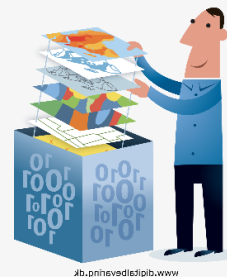


www.digitalbevaring.dk



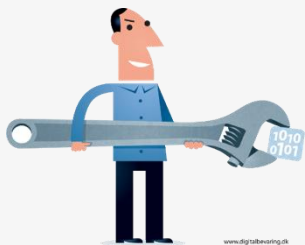
www.digitalbevaring.dk

Derived / compiled



fb.ginvevdiedigitb.www

Simulation / models



www.digitalbevaring.dk



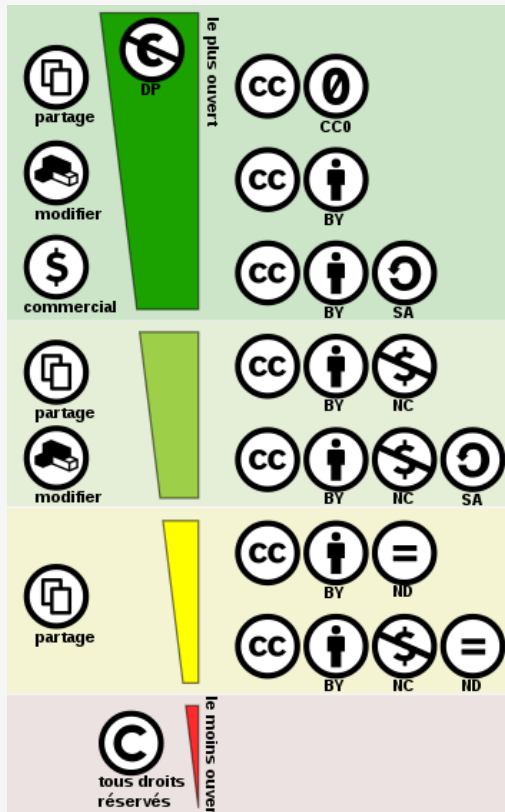
www.digitalbevaring.dk

Experimental

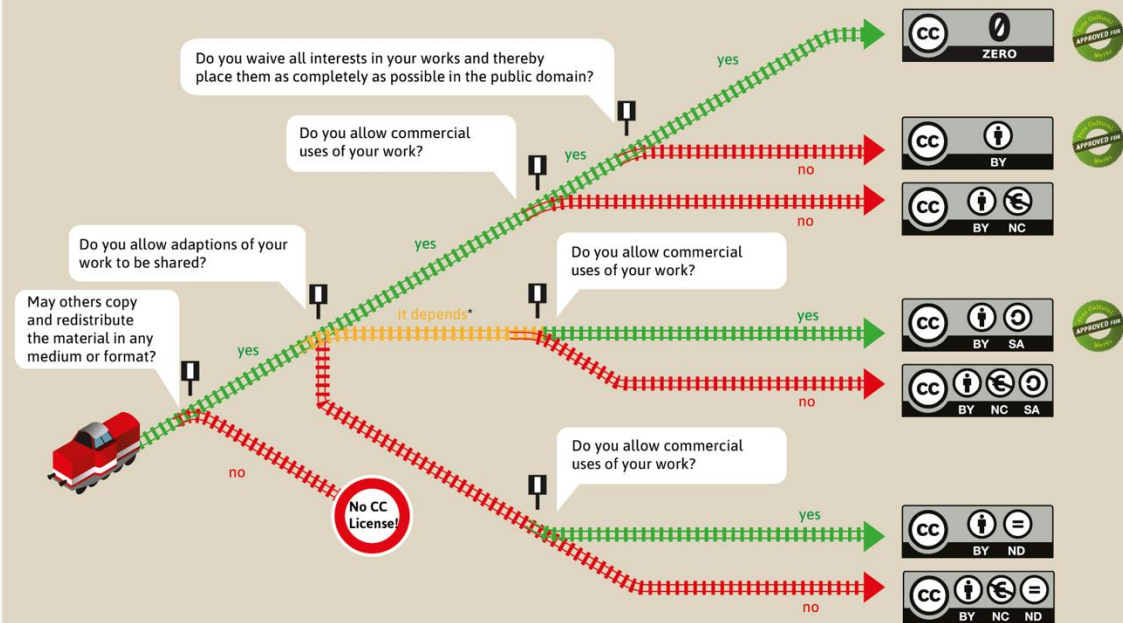
Reference

2 | CC licenses

<https://creativecommons.org/choose/>



"CHOO-CHOO-CHOOSE YOUR LICENSE!"



*it depends = yes, as long as others share alike (meaning: They use the same license as you.)



EASY AND USEFUL FEATURES

- ✓ Control access to your data
- ✓ Define your data retention period, licenses, etc.
- ✓ Choose your workflow, with or without validation
- ✓ Keep your folder structure



COMPLIANT WITH POLICIES

- ✓ Complies with Swiss law
- ✓ Follows FAIR principles
- ✓ Assigns a persistent identifier (DOI)
- ✓ Eligible for funding from the SNSF for data upload
- ✓ Complies with 12 open and international standards, protocols, and registries

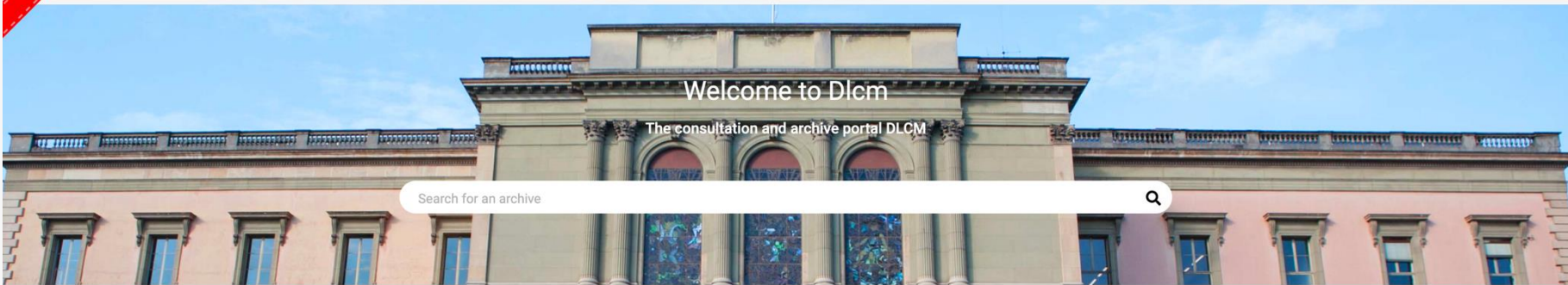


SUITABLE TO YOUR NEEDS

- ✓ Try it yourself!
- ✓ Receive assistance for large datasets, etc.
- ✓ Customize the metadata schema to your field
- ✓ Integrate OLOS to your research environment



DLCM sandbox: <https://sandbox.dlcm.ch/portal>



Welcome!

This is the test server for **OLOS**. Feel free to use it at your leisure.

Please keep in mind that any data deposited here is **not permanent**, the DOIs are not real, requests will not be processed, and that this instance cannot handle deposits larger than 1GB.

How to get started:

1. Log in with your institutional ID or SWITCH edu-ID
2. **Fill out this contact form** so we can add you to an organizational unit
3. Try it out and send us your feedback [here!](#)

Create a Deposit
First step to archive your data

Search for an archive
Search for publications in public or private archives

Tweets by @dlcm_ch

DLCM Retweeted

OLOS
@OLOS_Swiss
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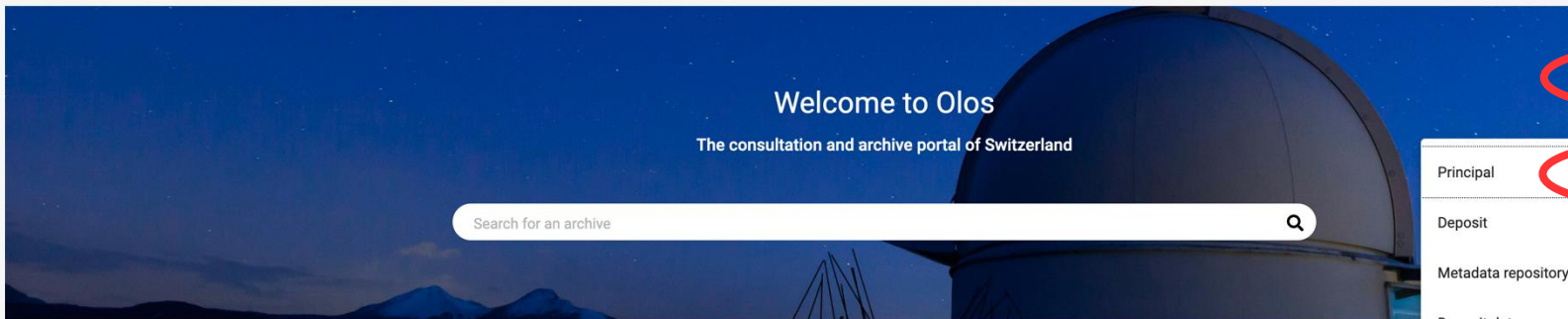
2h

DLCM Retweeted

OLOS



4 | OLOS Guides



- Profile
- User guide
- Token
- Guided tour
- Dark mode
- Logout

FAQ

Not sure how to create your SWITCH edu-ID account? Wondering how you can upload large datasets?

Take a look at our [FAQ](#) to find the answers to these questions and more.



Create a Deposit

First step to archive your data



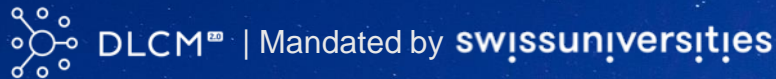
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Tweets by @OLOs_Swiss

OLOS @OLOs_Swiss
Have you ever wondered how to archive your research data and preserve it on the long-term? Don't miss our webinar! Register here: [olos.swiss/news/olos-acti...](#)

OLOS @OLOs_Swiss
We are pleased to announce our first OLOS webinar! Join us on April 16th from 13:30 to 14:15 CEST to learn how OLOS can help you preserve your research data and preserve it on the long-term!

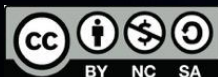


Contact us > olos.swiss/contact

Integrate with your lab equipment

- DLCM integration guide > <https://sandbox.dlcm.ch/administration/docs/DLCM-IntegrationGuide.html>

Sign up for our newsletter > olos.swiss/newsletter/register



Association OLOS, 2021

Projet DLCM, 2020

Bibliothèque de l'UNIGE, 2021

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