



Information session

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DaSCH

Swiss National Data and
Service Center for the
Humanities

These slides are a collective effort of several members of the DARIAH Office and DARIAH-CH Office.

Outline

1. DARIAH EU
2. DARIAH-CH Consortium
3. Swiss National *Data and Service Center for the Humanities* DaSCH as national coordination institution



DARIAH is a pan-European digital research infrastructure for Arts and Humanities

- Launched and added to the ESFRI Roadmap 2006
- Formally constituted as a European Research Infrastructure Consortium (ERIC) in 2014
- ESFRI Landmark since 2016

DARIAH Members

Founding Members (15)

Austria AT Belgium BE Croatia HR Cyprus CY Denmark DK France FR Germany DE Greece GR Ireland IE
Italy IT Luxembourg LU Malta MT Netherlands NL Serbia RS Slovenia SI

New Members Since 2014 (5)

Poland PL Portugal PT Bulgaria BG Czech Republic CZ Bosnia and Herzegovina BA

Observer Country (1)

Switzerland CH

Cooperating Partners (9)

Finland FI Hungary HU Iceland IS Norway NO Slovakia SK Spain ES United Kingdom GB United States US

DARIAH's **vision**

Arts and Humanities are anchored at the centre of a technologically evolving knowledge society.

DARIAH's **mission**

Empower research communities with digital methods to create, connect and share knowledge about culture and society.

- Sharing **knowledge** to create new connections and insight, through networking, training and projects
- Sharing **tools** to promote the work of others with similar research questions
- Sharing **data** to allow new projects to start from a higher baseline
- Sharing **networks** to build key relationships and seek funding
- Sharing a **voice** to be heard in European and national policy debates

DARIAH's mission

Empower research communities with **digital methods** to create, connect and share knowledge about culture and society.



The scientific community is both user and provider!

DARIAH's Four Strategic Pillars



Marketplace of reusable tools, services, data and knowledge



Education and Training



Transnational and Transdisciplinary Working
Groups



Policy and Foresight

Pillar 1: Marketplace of reusable tools, services, data and knowledge

1. DARIAH tools
2. DARIAH services
3. DARIAH publishing
4. The SSH Open Marketplace

1. DARIAH tools



Created by Calvin Goodman
from Noun Project

DARIAH-DE Topics Explorer

#a software to carry out **topic modelling** on one's computer using one's corpora
#workflow from plain text to visualized results on a Graphical User Interface (GUI)



MEI Score Editor Webservice

#a **music notation** editor software for viewing and editing encoded music in CWN (Common Western Notation)

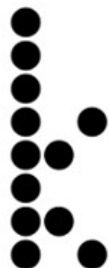


Geo-Browser

#browser to analyze **space-time-relations** of data and source collections while building correlations between them

1. DARIAH tools

CONEDA
KOR



ConedaKOR

#web-based database system with a graph-based architecture
#store arbitrary documents and interconnect them with relationships: **semantic networks**



TextGrid

#virtual research environment that allows Humanities scholars to **edit, store and publish** their digital editions and data in a sustainable way

1. DARIAH services

DARIAH-DE Repository



Vocabs



DARIAHdocs

DARIAH-DE Repository

Vocabs Services

Standardization Survival Kit

DARIAH docs

store research data
sustainably and securely
provide them with
metadata,
to find them through the
generic search

services and tools that
allow for collaborative
creation, maintenance
and publication of
vocabularies and
taxonomies of any kind

useful to **stabilize
knowledge** on standards and
research good practices
open tool where users are
able to publish new scenarios
or adapt existing ones

service that allows
researchers to try out an
**alternative to Google
Docs**

2. DARIAH services



Isidore

a platform and a search engine allowing the **access** to more than 5 Mio **digital SSH resources**
available in several formats



Collection Registry

web application that holds information (e.g. location, access points, specific metadata) about **research collections relevant for SSH**



DARIAH WIKI

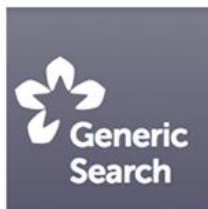
platform for **research projects** associated with DARIAH



CodiMD

Online tool for **collaborative text editing** to work together on the same texts at the same time

2. DARIAH services



Generic Search

a **distributed metasearch** on collections and resources from DARIAH registries
establishes and follows **semantic links** between structurally distinct collections and their concrete resources



TaDiRAH – Taxonomy of
Digital Research Activities in
the Humanities

a **taxonomy of digital research activities** in the humanities expected to be particularly useful to endeavors aiming to collect information on digital humanities tools, methods, projects, or readings



DARIAH AAI

DARIAH Authentication and Authorisation Infrastructure (DARIAH AAI) provides a **federated single sign-on**, allowing the use of several services through one single account

3. DARIAH publishing



DARIAH-DE Working Papers

publication of contributions of various kinds that are created in the context of humanities
no peer review

Bibliography "Doing Digital Humanities"

DARIAH-DE is gathering, referencing and tagging **bibliographic entries** for texts regarding digital humanities issues
on Zotero

Hypotheses.org – Academic Blogs

a platform of **blogs** covering all areas of the SSH
part of OpenEdition - a digital publishing infrastructure

DARIAH at HAL – Publications

open archive where authors **deposit scholarly documents** from all academic fields
service available in EN and FR

4. SSH Open Marketplace

The Marketplace is a **discovery portal** which **pools and contextualises resources** for SSH research communities.

It is one of the results of the SSHOC EU-funded project (2019-2022).



Tools & Services

Training Materials

Publications

Datasets

Workflows

Browse

Social Sciences & Humanities Open Marketplace

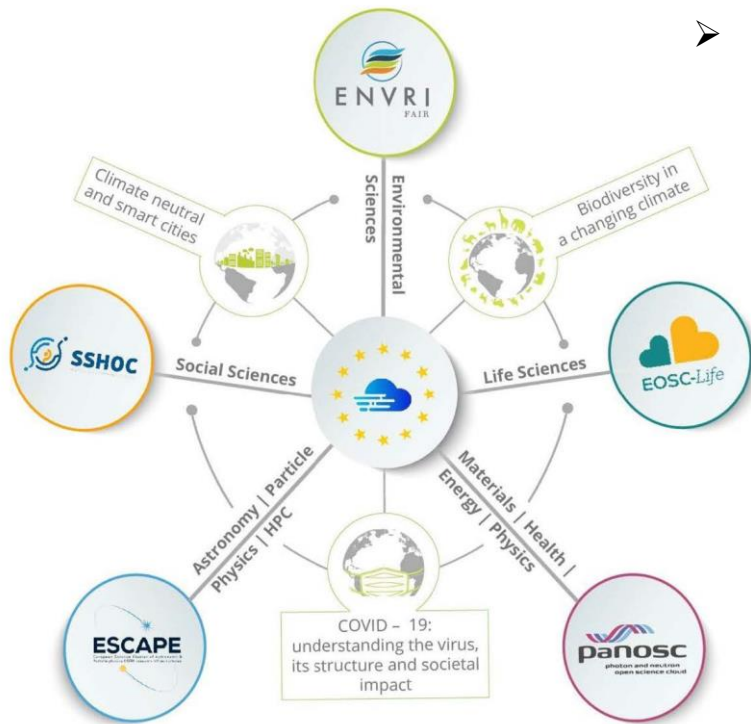
Discover new and contextualised resources for your research in Social Sciences and Humanities: tools, services, training materials, workflows and datasets. [Read more...](#)

All categories

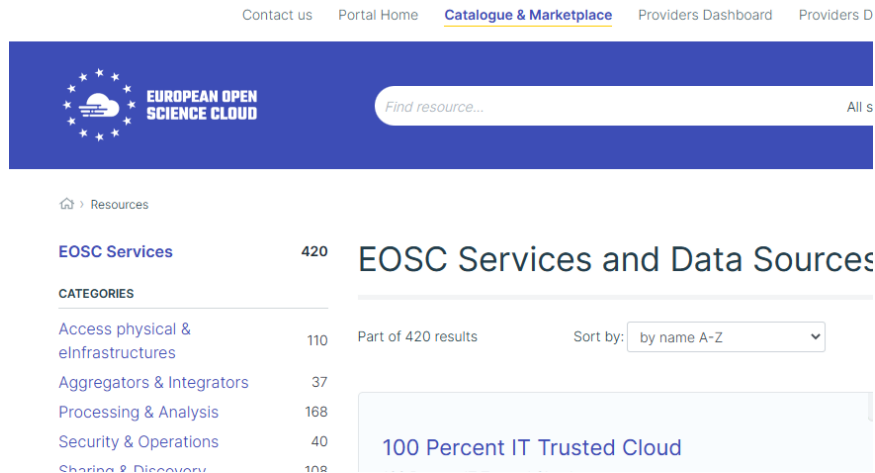


4. SSH Open Marketplace

➤ The entrypoint of SSH in the EOSC



Contact us Portal Home **Catalogue & Marketplace** Providers Dashboard Providers D



EUROPEAN OPEN SCIENCE CLOUD

Find resource... All s

🏠 Resources

EOSC Services 420 **EOSC Services and Data Sources**

CATEGORIES

Access physical & infrastructures	110	Part of 420 results	Sort by: <input type="text" value="by name A-Z"/>
Aggregators & Integrators	37		
Processing & Analysis	168		
Security & Operations	40		
Sharing & Discovery	108		

100 Percent IT Trusted Cloud

4. SSH Open Marketplace

- ❑ The Marketplace showcases solutions and research practices for every step of the SSH research data life cycle.

Value proposition:

Discoverability and findability of research services and products are essential to enable sharing and re-use of workflows and methodologies.

- ❑ It is **sustained** by a joint effort between CESSDA, CLARIN, and DARIAH and an **Editorial Board**, which ensures the **day-to-day maintenance** and the **data quality** of the SSH Open Marketplace.

4. SSH Open Marketplace

- Discovery portal for SSH resources
 - Tools & services
 - Training materials
 - Workflows
 - Datasets
 - Publications

- 3 guiding principles
 - Contextualisation
 - Curation
 - Community



[Call for contributions!](#)

Use your institutional credentials to log in !



[Tools & services](#)

[Training materials](#)

[Publications](#)

[Datasets](#)

[Workflows](#)

🔍 Switzerland

[Home](#) / [Search](#)

Search results (10)

Refine your search

[Clear filters](#)

Sort by Relevance



Pillar 2: Education and Training

1. DARIAH-Campus
2. DARIAH Teach
3. PARTHENOS Training
4. DH Course Registry
5. Friday Frontiers
6. #TrainingTuesdays

Access to Education and Training

Research in a fast-changing environment requires a **sustained access** to new perspectives and methods.



DARIAH aims on sharing **new kinds of knowledge** from broader networks in a **wider variety of formats**.

DARIAH Education and training



PARTHENOS Training Suite

platform offers **lectures** and **exercises** in the areas of DH, digital heritage and RIs
useful for instructors but also self-learners



offers free community-driven and multilingual **learning and teaching materials**
useful to self-learners

DIGITAL HUMANITIES
COURSE REGISTRY

compiles **formal training programmes** in DH, linguistics and curation at all levels, based in European higher education institutions

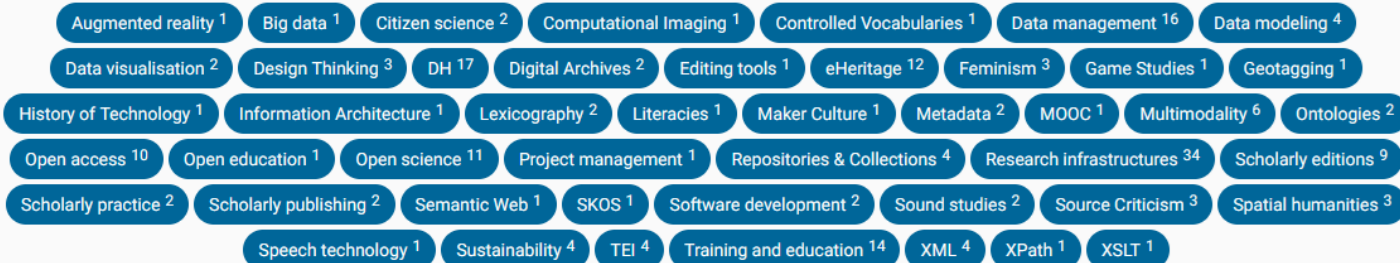


a **discovery framework** and a **hosting platform** for DARIAH and DARIAH-affiliated offerings in training and education

DARIAH-Campus is a discovery framework and hosting platform for DARIAH learning resources.

Interested in particular topics?

Browse learning resources based on their topic



Resources can be entire courses, lessons, keynotes or videos.

Winter School

SHAPING NEW APPROACHES TO DATA MANAGEMENT IN ARTS AND HUMANITIES

The main objective is to introduce scientific and academic communities in the arts and humanities to the principles and practices of responsible research and *Open Science*.

- SESSION 1** Caring for data to shape the future
- SESSION 2** What is Data in the Humanities?
- SESSION 3** Data and Software citation practices and PIDs
- SESSION 4** Open Research Notebooks
- SESSION 5** Copyright and (Open) Licensing
- SESSION 6** Data Management Plans
- SESSION 7** Innovative publishing practices in the arts and humanities

[Download](#)

Pillar 3: Transnational and Transdisciplinary Working Groups

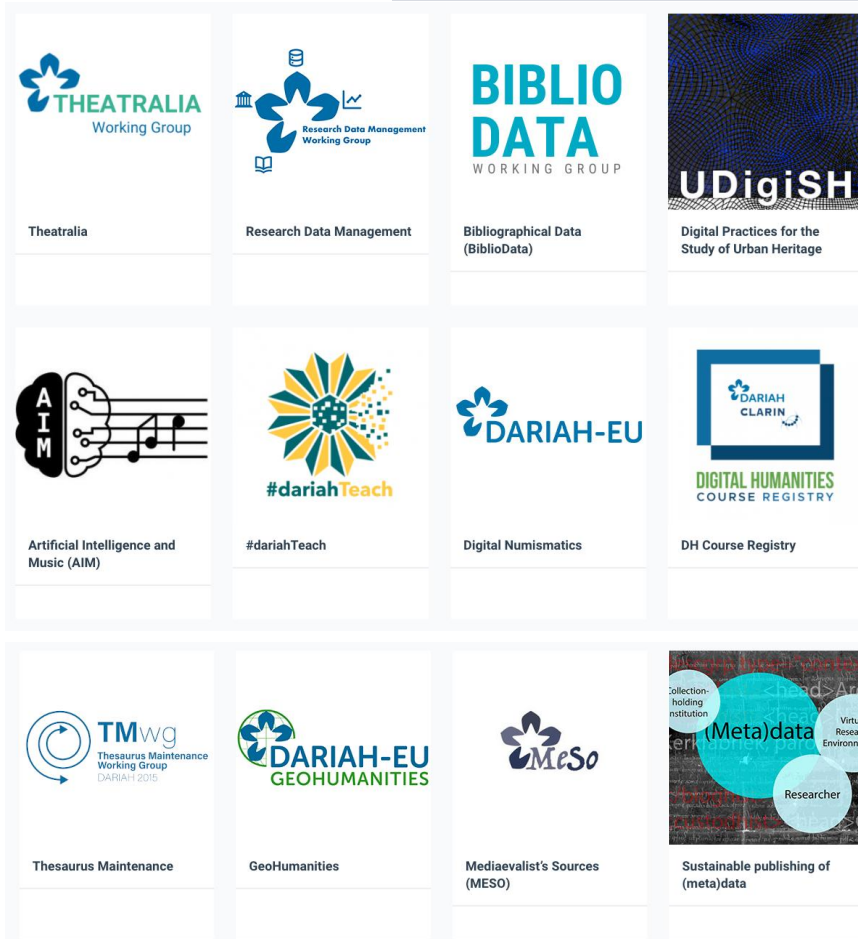
DARIAH Working Groups

DARIAH Working Groups

Working Groups are **interdisciplinary, transnational** and are developed around **emerging research themes**.

DARIAH currently has 20 active Working Groups.

<https://www.dariah.eu/activities/working-groups-list/>





Focus areas of interest:

- ✓ Leverage on the disciplinary and thematic richness of communities around DARIAH
- ✓ Offer a unique space for collaboration among representatives of all major arts and humanities disciplines, cultural heritage professionals and data management experts
- ✓ Build and maintain a knowledge base of data management best practices in the humanities

Focus areas of interest:

- ✓ Tackle the issues of copyright on, provision of and access to digitized material
- ✓ Privacy and Ethical issues (attribution and about abuse in research)
- ✓ Scholarly conduct (reviewing, publication, ...)
- ✓ Copyright (Reproduction / Provision / Use) and (Open) Licensing

Concretely, what is a DARIAH Working Group?

- A group of researchers, united by a common research interest, from all across Europe and beyond
 - Thus, a diversity of experience and academic traditions
- Bottom-up governance: **By researchers, for researchers!**
 - Directed by their co-chairs
 - Approved by DARIAH Senior Management Team, and accompanied by a member of DARIAH Coordination Office
- Grant money available to finance projects

Funding Call

- Every two years, Working Groups can ask for up to 5,000 € (10,000 € if two Working Groups collaborate)
- The goal: to explore innovative ideas, build up skills, and develop and support new tools and services

How to join?

1. Find a Working Group of interest for you on the [DARIAH website](#)
 - Find the names of the co-chairs, and send them an email
2. If your favorite research area is not yet subject to a Working Group, you can create one yourself!

Pillar 4: Policy and Foresight

1. Voice of the SSH
2. Open Science

Foresight and Policy

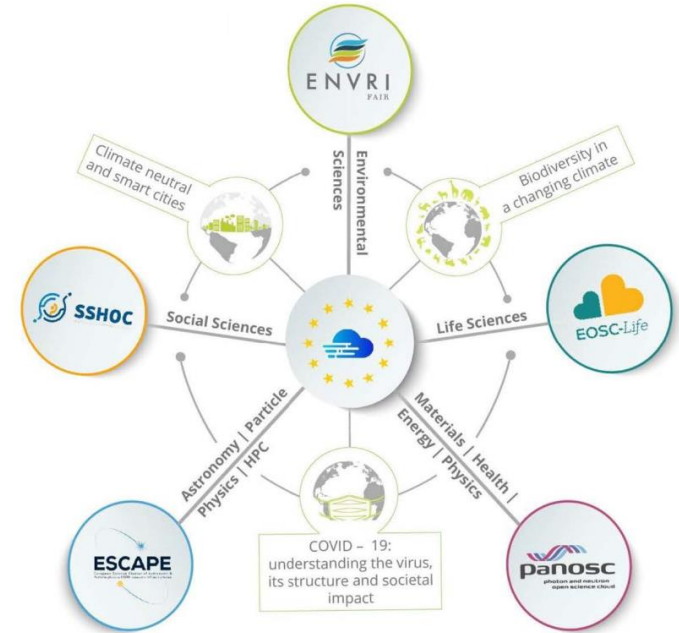
DARIAH is:

- A strong voice for arts and humanities in Europe where research policies, in particular those with a technological element, are being discussed
- A translator able to bring those nascent policies to the communities to allow them to prepare and consider the impact that may be coming in 5–10 years time.





- Magnifies our voice at the highest levels of European policy formation
- Makes sure our needs are recognised within the EOSC





Open Science and the Humanities

- ❖ DARIAH aims to bring forward open research cultures that are meaningful for humanists by reducing the **implementation gap**.
 - ❑ Difficulty to implement OS requirements in the Humanities
 - ❑ Epistemic culture of the Humanities
- ❖ This is crucial not only because of the future and inclusivity of Open Science but also because of the future of Arts and Humanities Research.

Epistemic cultures matter!

*Is the field work
rewarded?*

*Can cultural
heritage data be
shared openly?*

*Open Access
books?*

*Will small
disciplines be well
represented?*

*Qualitative
research*

*Reproducible
data?*



*What tools and
what methods?*

*How to deal with
multilingualism and less
document languages?*

Equity, Diversity, Inclusion

**DARIAH helps to accommodate all our own disciplinary challenges
under the shared umbrella of Open Scholarship!**

Open Science and the Humanities

Strengthening the discourse on open Humanities, on good practices

DARIAH Open blog: a place to meet, exchange, search for news, resources, connect, learn from others' experience
amplify and increase **visibility** of the good OA work done by DARIAH national communities

Training and advocacy

the **OpenMethods platform**: digital publications about the critique DH tools and methods
the **Research Data Management WG**
common work with national communities: **inclusive work with all disciplines**
bring open research practices to context training materials, doctoral schools, workshops, etc.

Funding to address the gaps and increase inclusiveness

SSHOC project, currently the **SSH Open Cluster**
OpenAIRE Advance project, in which DARIAH connected 2 thematic data discovery services: OpenAIRE Research Graph and OpenAIRE Explore
develop a point of access of the SSH field in EOSC

Providing a strong voice for Arts and Humanities in EU science policy

showcase the **value** and **richness** of arts and humanities scholarship and gain recognition to the variety of digital scholarly objects
defend the Arts and Humanities at the table in Brussels

DARIAH as an enabler for funding

On a broader, infrastructural level:

- DARIAH's **network** facilitates the process of **putting together consortia** for project funding (e.g. EU projects under Horizon programme)
- DARIAH's proven **expertise** in the process of applying for European funding acts as a **force multiplier**
- Horizon 2020 and Horizon Europe Projects, like SSHOC, Parthenos, etc
- In 2021, DARIAH Partners leveraged 23.7 million euros

For the individual:

- WG Funding call
- Open Access Book Bursary
- DARIAH Theme Call

DARIAH Value Proposition



So what is in it for me and my community ?

- Building sustainable infrastructure by making resources available through DARIAH Services
- Sharing methods, tools, and knowledge through our network
- Opening opportunities to funding, either directly through DARIAH or projects
- Connecting scholars across Europe and the world

DARIAH is a force multiplier. It helps strengthen your research through its connections and services. Everything you can do on your own, can be done **better, together.**



DARIAH-CH: Swiss node of DARIAH

Concretely, DARIAH-CH is a network of Swiss academic institutions, supported by the ASSH, who founded the second DARIAH-CH Consortium in November 2021.





Aims of the DARIAH-CH Consortium

- ❖ Manage the national coordination of DARIAH-relevant activities and work for obtaining Switzerland's full membership in DARIAH EU.
 - Planned for June 2023
- ❖ Work with the Swiss Digital Humanities community and support it in its research and infrastructural endeavours.
- ❖ Facilitate the access of the Swiss Digital Humanities community to national research infrastructures, as well as to the DARIAH EU infrastructure and network.
- ❖ Build a strong and impactful DARIAH-CH community



DARIAH-CH Coordination

DARIAH's activities in Switzerland are coordinated by the **Swiss National Data and Service Center for the Humanities**



- PD Dr. Rita Gautschy, director of DaSCH, is acting as National Coordinator and **manages the relations with DARIAH EU**
- Dr. Cristina Grisot, National Coordination Officer, **organises DARIAH-CH activities and manages the DARIAH requests for Switzerland.**
- Prof. Dr. Tobias Hodel, from the University of Bern, president of the DARIAH-CH Consortium, is responsible of the **building and strengthening of the DARIAH-CH scientific community**



DARIAH-CH Activities

1. DARIAH-CH Study Day

- First edition in 2022 at USI
- Second edition in 2023 at UNIBE (Call open in June 2023)

2. DARIAH-CH survey

- Get to know the community
- Collect information about its assets (resources, expertise) and its interest in getting involved in DARIAH-CH and DARIAH EU programmes
- Collect information about challenges, issues, and how the DARIAH-CH consortium could better support the community

3. DARIAH-CH working groups

- Formal framework to bring people together
- WG on “Swiss digital editions”: <https://www.dariah.ch/swiss-editions>



DARIAH-CH Activities

4. SSH RIs in Switzerland initiative

- Was initiated in spring 2022 by representatives of FORS, DaSCH, DARIAH-CH, CLARIN-CH and the Academy for SSH
- Aims to defend at the political level the interests of the SSH field with respect to access to RIs
- Two events, a position paper and plans of SSHOC-CH project

5. Contribution to the SSH Open Marketplace

- Dr. Cristina Grisot is a member of the Editorial Board
- Call for contributions: see **Introduction** slides and **Guide**
 - Datasets, services, tools, publications, training materials, workflows

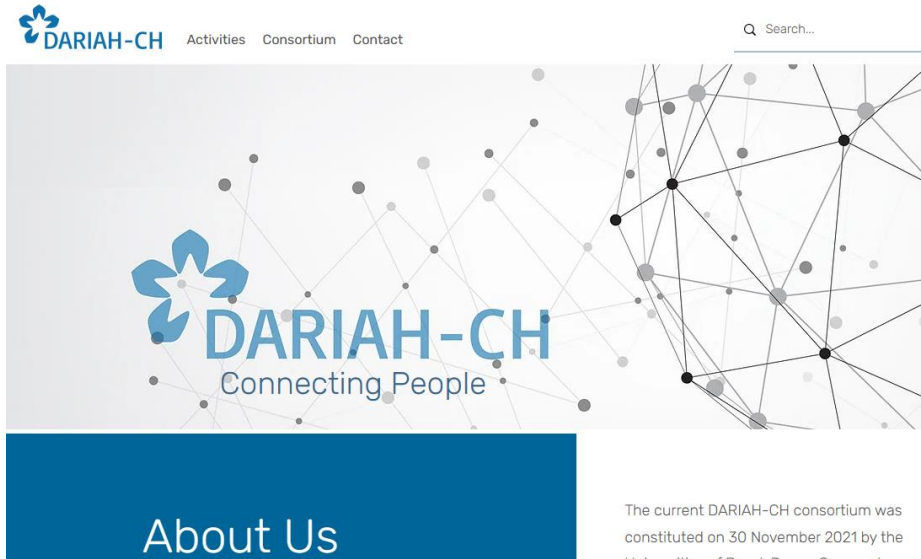


In-kind contributions to DARIAH

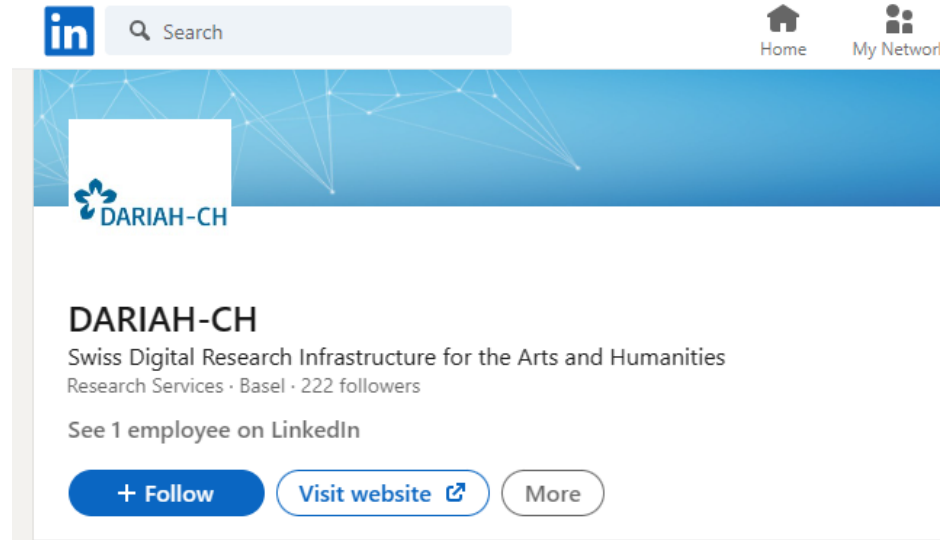
- ❑ **Publications** (full reference with DOIs or other persistent identifiers)
- ❑ **Workflows**
- ❑ DH courses, slides, videos, or posters that can be reused as **education** or **training material** (to be shared on DARIAH Zenodo, DARIAH CAMPUS or SSH Open Marketplace).
- ❑ **Software/code** of a specialized application that has been or is being developed within your team and is made available under a permissive license for reuse
- ❑ **Training and education activities/events** that you produced that were open to members of the DARIAH community
- ❑ **(Online) access** to resources (datasets), web applications and web services that allow programmatic access to the data (API).
- ❑ **Processing service**, i.e. digital service that applies some algorithmic processing (statistical analysis, annotation) on given data, or provides means to edit/curate data (e.g. web interface for collaborative editing).
- ❑ **Support services**



DARIAH-CH website and social media



<https://dariah.ch>



<https://www.linkedin.com/company/dariah-ch/>



DaSCH as Coordination Institution

- ❖ Develops and operates a **FAIR long-term repository** for complex and simple open research data in the humanities in Switzerland.
- ❖ Provides **expertise** in Research Data Management and Long-Term Preservation
- ❖ Offers **consulting** and **training/workshops** to researchers themselves as well as to research IT staff at Swiss higher education institutions.
 - Workshop thematizing frequently asked questions by researchers when writing a **DMP**
 - Workshop about **best practices** in the management and (re-)use of qualitative data in humanities research.
 - **Special offers** available in particular to young researchers (PhD level)
 - Hands-on training in the **use of the DaSCH infrastructure**



Unique benefits of the DaSCH platform



1. Direct accessibility

- It keeps your database alive: your data remain editable, visible, directly accessible and searchable within the platform in the long term.

2. Permanent identifier

- Each object within your database receives its own permanent identifier, which enables precise citation in publications.

3. Editing of data

- It offers you the possibility to correct and enrich your data.



Unique benefits of the DaSCH platform



4. Easy creation of your own project-specific data model

- You can create a new data model, use a standard one or adapt one to your needs.

5. Standardized Application Programming Interface (API)

- Your data can be accessed via an API.
- Data can be easily found and accessed by computers, thus allowing interoperability among many systems.

6. Interoperability

- DaSCH fosters interoperability, and promotes and supports the use of norm data, standards and discipline-specific ontologies, e.g. the IIF standard for images, videos and audio.



DaSCH website and social media



[About Us](#) [Our Platform](#) [Our Services](#) [Projects](#) [News](#) [Events](#) [Help-Center](#)

Update DSP Release 2023.01.02

WE PROVIDE EXPERTISE IN
Research Data Management and Long-Term Preservation

DaSCH – Swiss National Data and Service Center for the Humanities.

DaSCH develops and operates a FAIR, long-term repository and a generic virtual research environment for coming data in the humanities in Switzerland.

<https://www.dasch.swiss>



<https://www.linkedin.com/company/dasch-swiss/>



**Triangle of infrastructures
- technical, human and expertise -
available to support researchers in the Humanities in their
scientific endeavors.**



DaSCH
Swiss National Data and
Service Center for the
Humanities



Thank you!

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