

Uplifting Researchers and Cultural Heritage Professionals: The Digital Research Infrastructure for the Arts and Humanities





DARIAH is a pan-European digital research infrastructure for arts and humanities research

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

DARIAH's **mission** is to 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 Members

Founding Members (15)

Austria  Belgium  Croatia  Cyprus  Denmark  France  Germany 
Greece  Ireland  Italy  Luxembourg  Malta  Netherlands  Serbia 
Slovenia 

New Members Since 2014 (6)

Poland  Portugal  Bulgaria  Czech Republic  Bosnia and Herzegovina 
Switzerland 

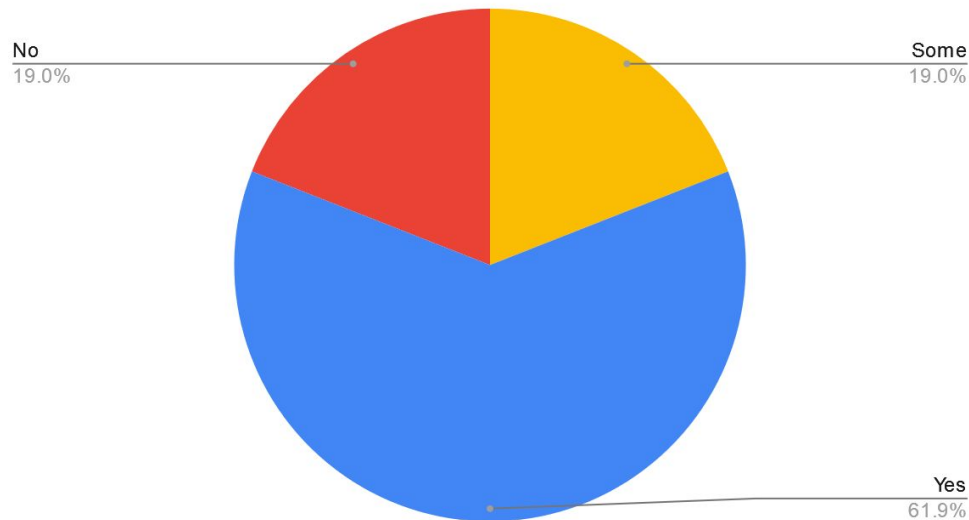
Cooperating Partners (15)

Finland  Hungary  Iceland  Latvia  Norway  Slovakia  Spain 
Sweden  United Kingdom  United States 

Cultural Heritage and DARIAH

- National heritage institutions, such as the National Library, National Archives, National Museums
- DESPITE most DARIAH national consortia being attached to Research Ministry

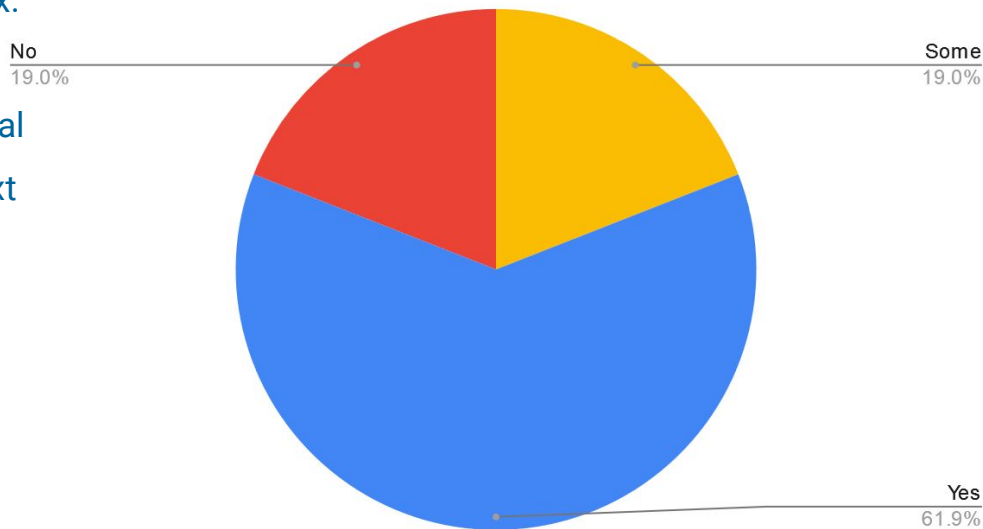
DARIAH National Consortia with Cultural Heritage Contacts



Cultural Heritage and DARIAH: Examples

- DARIAH-CZ: Digital libraries involved with LINDAT/CLARIAH-CZ opened up access to approx. 100 million digitised pages
- DARIAH-BE: Founding a Data Lab at the KBR (Royal Library), as well as another project focused on text and data mining in concert with digitization
- DARIAH-PT: Building ROSSIO Infrastructure, to digitize and make available Portuguese heritage docs

DARIAH National Consortia with Cultural Heritage Contacts





What do you need for an infrastructure?

Successful Infrastructures (tend to) have:

- Dedicated staff for whom their infrastructure is a priority
- Defined & understood community - meet users where they are & define strategy to meet priorities while balancing (financial, human resources) limits
- Something to offer ! (tools, services, an *added value* !)
- A commitment to training & outreach
- Good communication, internally & externally (regular meetings)

This takes time, remember, Rome wasn't built in a day !

DARIAH's Four Strategic Pillars



The SSH Open Marketplace

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

Pillar Head: Laure Barbot

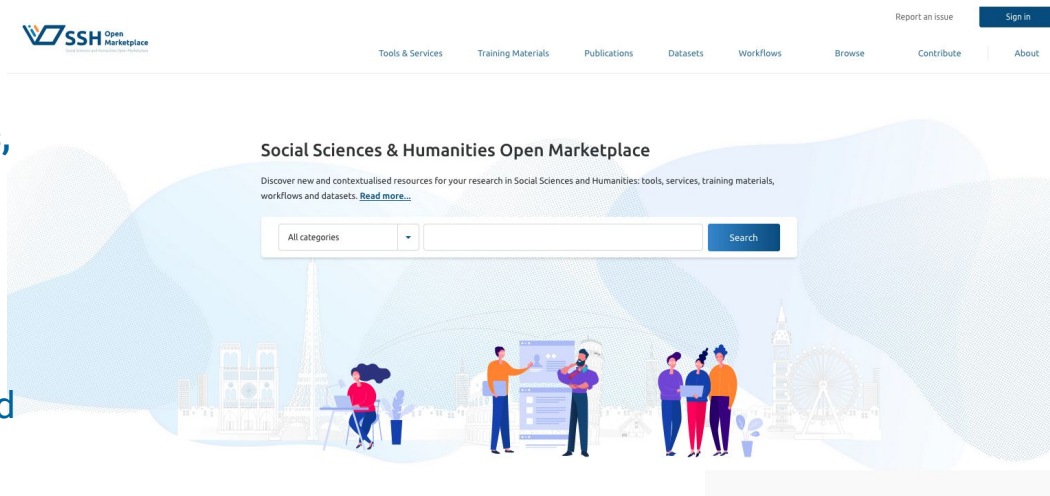
Email: laure.barbot@dariah.eu



Marketplace to facilitate fluid exchange of tools, services, data and knowledge

The centrepiece of this pillar is our ambitious plan to build an arts and humanities-friendly component for the European Open Science Cloud (**EOSC**), in the context of the SSHOC project.

The Marketplace is a discovery portal which pools and contextualises resources for SSH research communities: **tools, services, training materials, datasets and workflows**. The Marketplace highlights and showcases solutions and research practices for every step of the SSH research data life cycle. It is **sustained** by a joint effort between CESSDA, CLARIN, and DARIAH and an **Editorial Board**.



SSH Open Marketplace as one of the SSH Open Cluster services

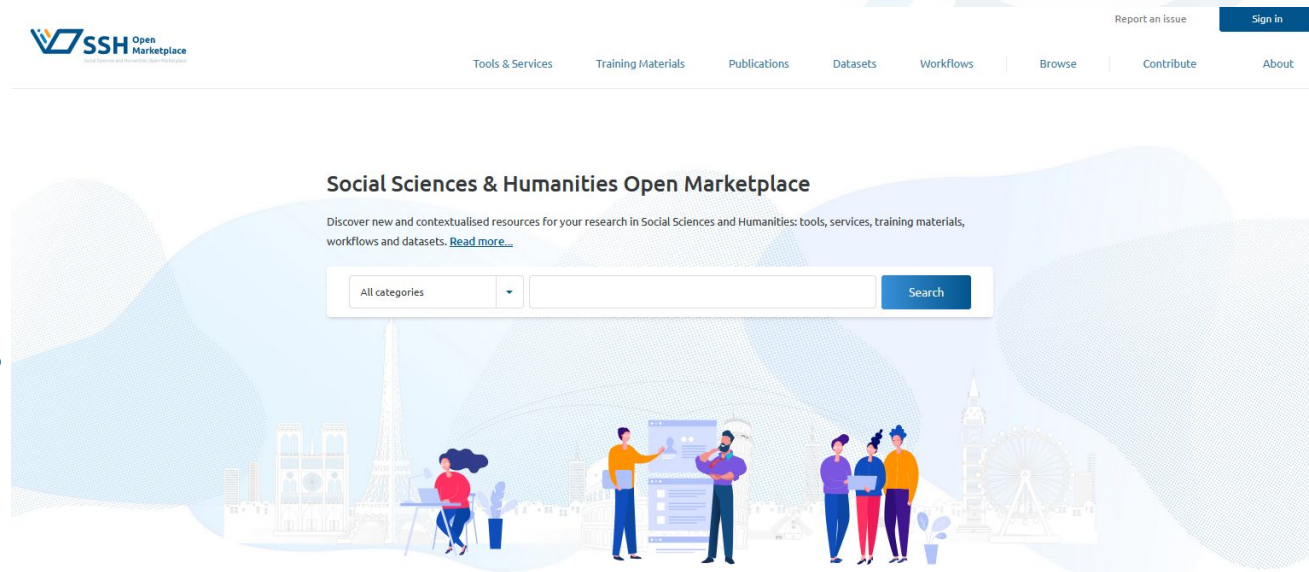
- Discovery portal for SSH resources

- Tools & services
- Training materials
- Workflows
- Datasets
- Publications

- 3 guiding principles

- Contextualisation
- Curation
- Community

- An SSH entry point to EOSC



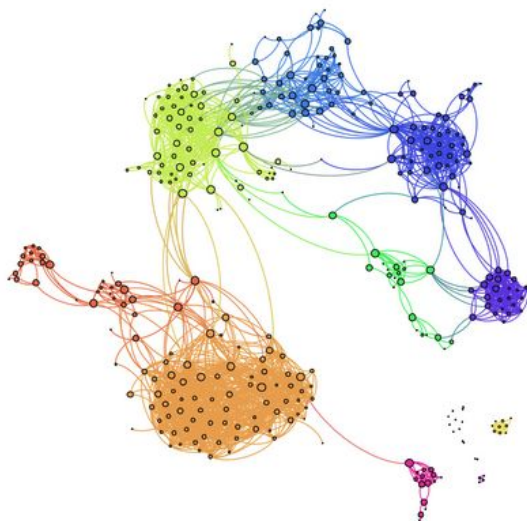
marketplace.sshopencloud.eu



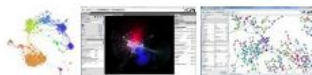
Gephi

Gephi is the leading visualization and exploration software for all kinds of graphs and networks.

Gephi is open-source and free. Runs on Windows, Mac OS X and Linux.



Jardouin - Own work CC BY-SA 4.0



[Go to Tool or service](#)

Details

ACCESS

License: Common Development and Distribution License 1.0,

GNU General Public License v3.0 only

Terms Of Use: Free

CATEGORISATION

Activity: Capturing, Modeling, Network Analysis, Spatial Analysis, Analyzing, Discovering, Visual Analysis, Content Analysis, Relational Analysis

Keyword: Models, Visualization, 2000s, visualization, graphs, french, R, faceted browser, graph streaming, recommended

Language: English, Czech, Portuguese, Chinese

Mode of use: Local application

CONTEXT

See also: <https://www.youtube.com/watch?v=FLIv3xnEepw>

CREATOR

Gephi Consortium

[Website](#)

Mathieu Bastian

Source: TAPOR

GitHub: [/gephi/gephi](#)

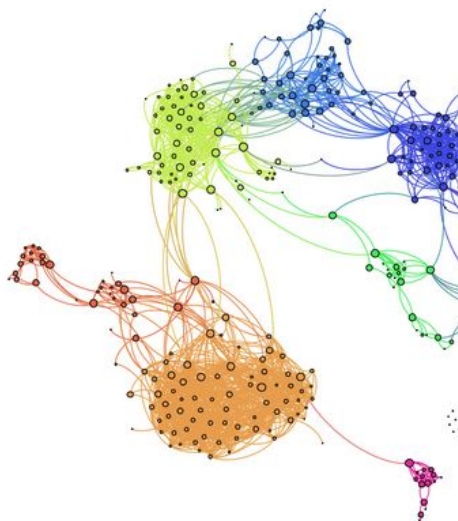
Wikidata: [Q5548660](#)

INFORMATION CONTRIBUTORS

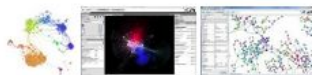


Gephi is the leading visualization and exploration software for all kinds of graphs and networks.

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Related (5)



Cytoscape

Cytoscape is an open-source software platform for visualizing data networks and pathways. Though designed for...

[Read more](#)



Easy Linavis (ezlinavis)

Easy Linavis (ezlinavis) generates CSV files with network data from simple segmentations of literary texts that you...

[Read more](#)



Exploring and Analyzing Network Data with Python

This lesson introduces network metrics and how to draw conclusions from them when working with humanities data. You...

[Read more](#)



Visual Network Analysis with Gephi Workshop

Gephi is a free and open source network analysis software used, among other things, in social network analysis. This...

[Read more](#)



Moviegalexies – Social Networks in Movies

This repository contains network graphs and network metadata from Moviegalexies, a website providing network graph...

[Read more](#)

Why put your resources in the SSH Open Marketplace?

Thanks to the SSH Open Marketplace, SSH researchers can:

- gain access to useful and well curated resources
- find and discover new digital methods
- easily understand and assess usefulness of a resource thanks to the contextualisation provided between the items of the catalogue
- promote their work, e.g. by adding information about the tool or workflow they develop
- actively involve in the SSH community data curation routines, becoming basic contributor or advanced curator

Training and Education

Pillar 2: Education and Training

Pillar Head: Vicky Garnett

Email: vicky.garnett@dariah.eu



Access to Training & Education

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.

One expression of this pillar is **DARIAH-Campus**, a discovery framework and hosting platform for DARIAH learning resources.



Looking for learning resources?

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

Visit DARIAH-Campus at
<https://campus.dariah.eu/en>

Training and Education Resources at DARIAH

campus.dariah.eu

More than just Campus!

- DH Course Registry*
- DARIAH-Teach
- Friday Frontiers
- #TrainingTuesdays

*jointly run by DARIAH and CLARIN

Browse content

Choose a category to browse or search above



Resources

Learn about different topics
with online resources
provided by DARIAH



Events

Missed a face-to-face
DARIAH event? Check out
what happened



Pathfinders

Collections of external
resources curated by the
DARIAH team

DARIAH-Campus

Interested in particular topics?

Browse learning resources based on their topic



DARIAH-Campus

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

Data management

Data Management is a set of practices and techniques used by researchers to ensure that their data is organised, structured and easily reusable for future research

MaDiH: Research Software Engineering Training

Hosted by King's Digital Lab (KDL) at King's College London, the workshop introduced participants to best practices in project management, the Agile Dynamic System Development Methods (DSDM) as well as various theoretical and practical approaches to digital cultural heritage.



[Read more →](#)

Shaping new approaches to data management in arts and humanities

The DESIR Winter School provided a unique opportunity to learn about how to maximize the potential of scholarly resources and to take practical steps in opening up research in ethically and legally responsible ways.

[Read more →](#)

Transformations: What are the Big Challenges and Opportunities for Data-intensive Research?

What are the big challenges and opportunities for data-intensive research over the next ten years? This panel discusses digital transformations in the humanities and arts, data ethics and sovereignty, and infrastructure with impact. It features presentations by Dr James Rose (Indigenous Studies Unit, Melbourne School of Population and Global Health) on Data Sovereignty in a Colonial Context: Towards an Integrated National Governance Framework for Australia, Dr James Smithies (Director, King's Digital Lab) on Integrating DH into the longue durée: Research Laboratories History

What Are We Talking about When We Talk about

What Does Data Want?

Many academic disciplines use data


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

About

 See the photos

 Download the full synthesis



Working Groups

Pillar 3: Transnational and Transdisciplinary Working Groups

Pillar Head: Francesca Morselli

Email: francesca.morselli@dariah.eu

Twitter: [@fra_](https://twitter.com/fra_)



Working Groups, Hubs and other forms of Transnational and Transdisciplinary organisation

Working Groups are interdisciplinary, transnational and are developed around emerging research themes. From Artificial Intelligence and Music to Women Writers in History to GeoHumanities, DARIAH currently has 20 active Working Groups.

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



Theatralia



Research Data Management



Bibliographical Data
(BiblioData)



Digital Practices for the
Study of Urban Heritage



Artificial Intelligence and
Music (AIM)



#dariahTeach



Digital Numismatics



DH Course Registry



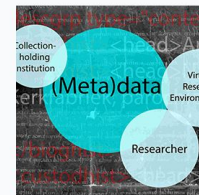
Thesaurus Maintenance



GeoHumanities



Mediaevalist's Sources
(MESO)



Sustainable publishing of
(meta)data

Working Group 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
- Meet the [six winning projects](#) for the 2022-2023 call

WG Funding Call 2022-2023

- 3 workshops
- 1 “writing sprint”
- 1 curriculum
- 1 conference



#dariahTeach

Social Justice in the Digital Humanities:
Diversifying the Curriculum



ELDAH
Ethics and Legality in the
Digital Arts and Humanities



Digital tools and practices
enabling city dwellers to
understand intangible cultural
heritage



Performing Arts: Transitioning
to the Digital Age



Integrating Voices of the
Community



Towards a DARIAH-EU Community
Teaching Framework

**BIBLIO
DATA**
WORKING GROUP

Connecting bibliographical data
with GLAM collections

ELDAH - Ethics and Legality in the Digital Arts and Humanities

Ethics and Legality in the
Digital Arts and Humanities
(ELDAH)

Focus areas of interest:

- Privacy (do we trust the researcher? Confidentiality)
- Ethical issues (attribution and about abuse in research)
- Scholarly conduct (reviewing, publication, ...)
- Copyright (Reproduction / Provision / Use)
- (Open) Licensing

ELDAH - Ethics and Legality in the Digital Arts and Humanities

Ethics and Legality in the
Digital Arts and Humanities
(ELDAH)

Consent Form Wizard - <https://consent.dariah.eu/>

Guides you through process of generating a GDPR-compliant consent form
but does not replace a lawyer, of course!

How to join a Working Group?

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

Policy and Foresight

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, as well as 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.



Funding

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DARIAH as an enabler for funding

On a broader, infrastructural level:

- DARIAH's European network facilitates the process of putting together consortium for project funding Horizon 2020 and Horizon Europe Projects, like SSHOC, Parthenos, etc
- DARIAH's proven expertise in the process of applying for European funding acts as a force multiplier

In 2022, DARIAH Partners leveraged 24.4 million euros (23.7 million in 2021)

For the individual:

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

What is DARIAH? DARIAH is *people & services*



DARIAH Annual Event 2023: see you in Budapest!

Host: Eötvös Loránd (ELTE) University, Budapest
Dates: June 6-9th
Chair: Sally Chambers

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. We help strengthen your research through our connections and services. Everything you can do on your own, we believe that we can do **better, together.**

Takk fyrir!

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edward.gray@dariah.eu
[@GrayXVII](#)

CDHA
Reykjavik, 22 May 2023

