

# Digital Humanities Austria

## Visions & Strategies

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ÖAW

ÖSTERREICHISCHE  
AKADEMIE DER  
WISSENSCHAFTEN

dc  
dh  
austrian  
centre for  
digital  
humanities

- Omnia mutantur, ...
  - 'Digital turn' has profound impact on the scholarly practice.
  - Necessity to innovate
  - Technological + social innovation
  
- ... , nihil interit
  - Expansion of scope (research questions)
  - Quantitative + qualitative approaches
  - Disciplines evolve into new directions

## ◎ DH is a new 'thing'

...

*Humanitates digitales*

*Digital Humanities (En)*

*Digital Humanities (De)*

*Humanités numériques*

*Informatica umanistica (!!!)*

数字文科

*Humanidades digitales*

*Цифровые гуманитарные науки*

الإنسانيات الرقمية

علوم انسانی دیجیتال

*Dijital beşeri bilimler*

...

- ⊙ DH is a new 'thing'
- ⊙ Humanities computing → Digital humanities
- ⊙ eHumanities (e- ???)
  
- ⊙ Community of practice
- ⊙ ... the study of what happens at the intersection of computing tools with cultural artefacts of all kinds ... (King's College)
- ⊙ Humanities 1.0 → Humanities 2.0 (multimodal humanities) → 3.0 (???)
- ⊙ There is no single DH movement

# 'Our' Digital Humanities

## Background



Text technology

Corpora + lexical resources

Digital scholarly editing

Data modelling



Technical & social infrastructures

Inter- and transdisciplinarity

Collaborative settings

Open Science: data, access, source (results and data!!!)

# 'Our' Digital Humanities

Technical & social infrastructures

Inter- and transdisciplinarity

Collab

Open

Scholarly / scientific data must be

**F**indable  
**A**ccessible  
**I**nteroperable  
**R**eusable

→ FAIR Data Principles

 **FORCE11**

The Future of Research Communications and e-Scholarship

## Recent developments

1. Digital Humanities Strategy (“Seven Principles”)
2. Austrian Centre for Digital Humanities (ACDH-OeAW)
3. CLARIAH-AT
4. Support Programmes
5. Education and Junior Development Programmes



## 1. “The Seven Principles”



## Seven Principles for the Future of the Digital Humanities in Austria

Commissioned by the Ministry of Science, Research and Economy (BMWFV)

Submitted by AAS in 2015

## 1. “The Seven Principles”



## Seven Principles for the Future of the Digital Humanities in Austria

- Vision
- Status quo
- Proposed measures

<https://doi.org/10.1553/DH-AUSTRIA-STRATEGIE-2015>

## 1. “The Seven Principles”



The image shows the cover of a document titled "DH-AUSTRIA-STRATEGIE". At the top left is the logo of the Austrian Academy of Sciences (ÖAW), and at the top right is the logo of the Austrian Centre for Digital Humanities (ÖAW ACDH). The title "DH-AUSTRIA-STRATEGIE" is prominently displayed in the center. Below the title is the subtitle "Sieben Leitlinien für die Zukunft der digitalen Geisteswissenschaften in Österreich". At the bottom, there is a row of seven blue icons representing different aspects of digital humanities: a globe, a network of nodes, a hand holding a leaf, three binders, an open book, a computer monitor with gears, and a group of people.

ÖAW AUSTRIAN ACADEMY OF SCIENCES

ÖAW ACDH

DH-AUSTRIA-STRATEGIE

Sieben Leitlinien für die Zukunft der digitalen Geisteswissenschaften in Österreich



## Seven Principles for the Future of the Digital Humanities in Austria

- National and International Research Infrastructures and Networks
- Research Networks – Internationalisation and Interlinking
- DH Support Schemes and Programmes
- Long-term Archiving and Preservation of Research Data
- Systematic Digital Identification and Provision of Analogue Resources
- Promotion of Digital Methods in Humanities Research
- Build-up of Academic Curricula and Continuous Training Opportunities

## 2. Austrian Centre for Digital Humanities

- 2013-08: Contract with Ministry of Science and Research
- Early 2014: ACDH Project is started. Planning & Preparation phase for new structures
- Late 2014: Presidium of the Academy decides to found a new institute
- 2015-1-1: ACDH-OeAW formally starts as the 29<sup>th</sup> institute of the Academy.
- Summer 2015: New colleagues take up their work. Begin of Parthenos, EGI – Engage ...
- Late 2015: Relocation is finished. Basic new infrastructures are in place, new WGs fully functional.

## 2. ACDH-OeAW: Structure

### Task forces

- Digital Editing and Publishing
- Data Preservation
- Archaeological and Heritage Data
- Reference Resources & Controlled Vocabularies
- Text Technology and Semantic Services
- Lexical Data & Services
- Early Modern Digital Humanities
- Legal Issues
- Digital Transformation, Co-Creation and Participation
- Co-Creation and Participation
- Knowledge Transfer & Society
- Training & Education

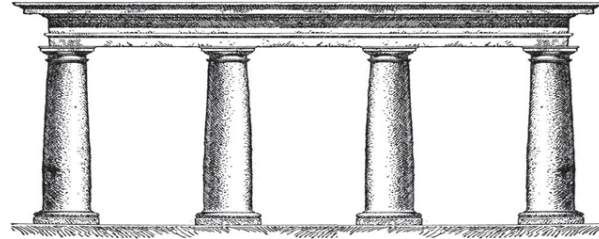
### 4 Working groups + 1 Department

- Networks, Knowledge Transfer and Outreach
- Tools, Services and Systems
- Data, Resources and Standards
- Methods and Innovation
- Variation and Change of German in Austria

## 2. ACDH-OeAW: Objectives

Supporting the humanities by fostering digital methods by

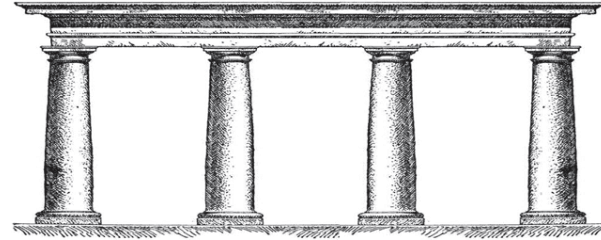
- building up digital infrastructures
- developing technical tools and services
- hosting and publishing digital data
- intensifying knowledge transfer



## 2. ACDH-OeAW: Objectives

Supporting the humanities by fostering digital methods by

- building up digital infrastructures
- developing technical tools and services
- hosting and publishing digital data
- intensifying knowledge transfer



→ RESEARCH + SERVICE

## 2. ACDH-OeAW: Areas of expertise

- 
- Early Modern Digital Humanities
  - Historical and Non-Standard Linguistic Varieties
  - Lexicography

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  - Lexical Data & Digital Corpora
  - Text Technology (Tagging, NER, Standards)
  - Controlled Vocabularies

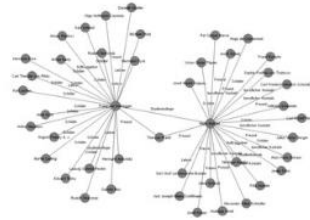


<https://www.oew.ac.at/acdh/projects/>

PROJECTS

- APIS >
- Austrian Dialect Cartography >
- Baroque Literature >
- CBAB >
- Confraternity Prints Digital >
- CLARIN >
- DAACDA >
- DARIAH-EU >
- dariahTeach >
- DEFC >
- DHA – Digital Humanities Austria >
- German in Austria >
- ECCE >
- ELEXIS >

PROJECTS



APIS

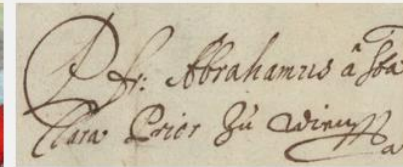
APIS is a project dedicated to creating a digital environment for new modes of access to prosopographical/biographical data.



AUSTRIAN DIALECT  
CARTOGRAPHY

This project explores Austrian dialect maps from 1924 to 1956 and the way they reflect the politics and ideologies connected to linguistic research.

CLARIN



BAROQUE LITERATURE

This project is dedicated to studying Austrian baroque literature, particularly the works of Abraham a Sancta Clara, with text-technological methods.



CBAB

The shared online database developed

## 2. ACDH-OeAW: Tools & Services

- ⦿ “the right toolbox”: available, readily usable, reliable, affordable
- ⦿ Digital editions
- ⦿ Virtual research platforms / environments
- ⦿ Specialised tools
  - Service oriented (APIs) architectures
  - Processing chains
- ⦿ Standards & best practices

## 2. ACDH-OeAW: Tools & Services

- ⦿ Data curation
- ⦿ Digitisation (Digitisation Centre at the Academy)
- ⦿ Development of language resources
- ⦿ Partner in data modelling issues
- ⦿ Technical partner in (inter)national projects
- ⦿ Support for online publication of data, development of dedicated web applications
- ⦿ Support in project acquisition and management

## 2. ACDH-OeAW: Research Infrastructures

Coordinating institution in European RI consortia

- ◎ CLARIN-ERIC (Common Language Resources and Technology Infrastructure)
- ◎ DARIAH-EU (Digital Research Infrastructure for the Arts and Humanities)

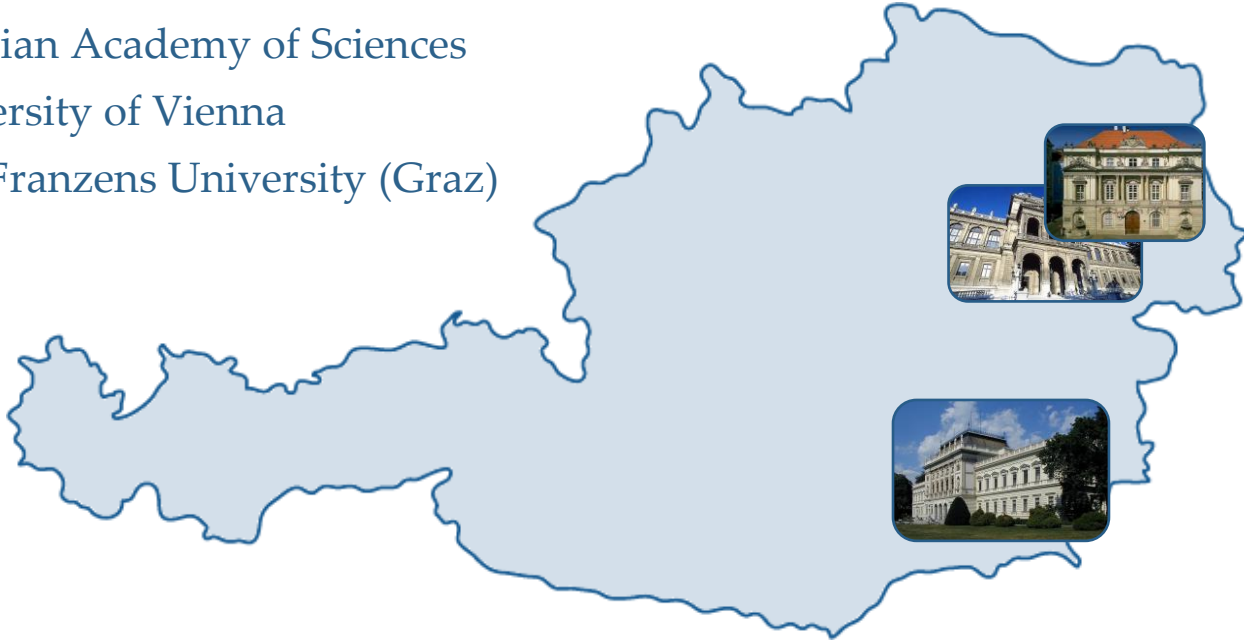
## 3. CLARIAH-AT

Austria founding member of both CLARIN and DARIAH

## 3. CLARIAH-AT

### Initial 'tripartite coalition'

- Austrian Academy of Sciences
- University of Vienna
- Karl Franzens University (Graz)



## 3. CLARIAH-AT

CLARIN + I & DARIAH ???

In Austria, focus on commonalities and synergies between CLARIN and DARIAH right from the start



Coordinated by the AAS

Bundling of forces: Austrian Centre for Digital Humanities

# Excursion:

## CLARIN-DARIAH Members (As of April 2018)

Austria (CD)

Belgium (D)

Bulgaria (CD)

Croatia (CD)

Cyprus (D)

Czech Republic (C)

Denmark (CD)

(DLU) (C)

Estonia (C)

Finland (CD)

France (CD)

Germany (CD)

Greece (CD)

Hungary (CD)

Ireland (D)

Italy (CD)

Latvia (C)

Lithuania (C)

Luxembourg (D)

Malta (D)

The Netherlands (CD)

(Norway) (CD)

Poland (CD)

(Serbia) (D)

Portugal (CD)

Romania (D)

Slovenia (CD)

Sweden (CD)

[Switzerland] (D)

[United Kingdom] (CD)

[US] (C)



# Excursion:

## CLARIN-DARIAH Members (As of December 2015)

Austria

Belgium

Bulgaria

Croatia

Cyprus

Czech Republic

Denmark

(DLU)

Estonia

Finland

France

Germany

Greece

Ireland

Italy

Lithuania

Luxembourg

Malta

The Netherlands

(Norway)

Poland

(Serbia)

Portugal

Slovenia

Sweden

[Switzerland]

[United Kingdom]

Dual Membership  $\leftrightarrow$  operational Integration

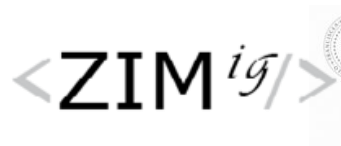
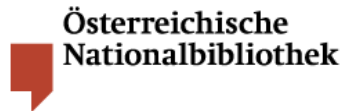
Different models: AT, NL – DK – FR – DE

‘Cross-border’ activities

- Policies (Technical guidelines, Standards)
- Training & Education (DH Course Registry, PARTHENOS training material, #dariahTeach)

## 3. CLARIAH-AT: Partners

- Austrian Research Institute for Artificial Intelligence (OFAI)
- Austrian National Library
- Karl-Franzens University – Graz
  - Center for Information Modelling – Austrian Centre for Digital Humanities
- Graz University of Technology
  - Signal Processing and Speech Communication Laboratory
- University of Innsbruck
  - Digital Humanities Research Centre



## 3. CLARIAH-AT: Partners

- Austrian Academy of Sciences
  - ACDH-OeAW
  - Phonogrammarchiv - Audiovisual Research and Documentation
- University of Vienna
  - Institute of History
  - Centre for Translation Studies
  - Institute for Near Eastern Studies
- Technical University of Vienna
  - Institute of Software Technology and Interactive Systems
- University of Applied Arts in Vienna



## 3. CLARIAH-AT: Infrastructures



Welcome to the website of dha - digital humanities austria.

<http://www.digital-humanities.at>

dha is an open network of institutional partners in Austria joining efforts to realize a new understanding of humanities research in a digital environment.

dha supports innovative digital humanities research. We promote cutting edge research projects, make them more visible and foster exchange between researchers throughout Austria and abroad.

These efforts are an integral part of the Austrian commitment to the research infrastructure consortia **CLARIN-ERIC** and **DARIAH-EU**, pan-European communities of practice organized as networks of centres sharing resources, tools and knowledge.



### News & Events

On this page, you will find a chronological list of news, events, job and training opportunities.



### Projects

This page will give you a first overview of Austrian projects and resources in the field of the digital humanities.



### Know more

The DH bibliography offers a first overview of topics relevant to digital humanities.



### Partners

dha is an open network of institutional partners in Austria listed on this page.

## 3. CLARIAH-AT: Infrastructures



GAMS

Geisteswissenschaftliches Asset Management System



Home About Projekte Dokumentation

Volltextsuche



Kultur- und Wissenschaftserbe Steiermark



Postkartensammlung Online



### About GAMS

GAMS ist ein OAIS-konformes Asset Management System zur Verwaltung, Publikation und Langzeitarchivierung digitaler Ressourcen aus allen geisteswissenschaftlichen Fächern. Es bietet MitarbeiterInnen aus Forschung und Lehre, aber auch Studierenden in Projekten die Möglichkeit, diese Ressourcen zitabel und mit Metadaten versehen zu verwalten und zu veröffentlichen.

➤ mehr

### Data Seal of Approval



GAMS ist seit 2014 nach den Kriterien des Data Seal of Approval zertifiziert.

## 3. CLARIAH-AT: Digital Infrastructures



Discover Resources

Deposit Resources

About Our Service

Login

### A Resource Centre for Humanities Related Research in Austria

ARCHE (A Resource Centre for the HumanitiEs) is a service aimed at offering stable and persistent hosting as well as dissemination of digital research data and resources for the Austrian humanities community. ARCHE welcomes data from all humanities fields. [More...](#)



#### Discover resources

Search for titles, authors, institutes or resource types.



#### Latest Additions

Glaser Abklatsche (2015-2016)

Type: [Collection](#)

30 Nov 2017



#### Deposit resources

##### Deposition Process

- Before submission
- Submission
- Curation Step
- Archiving & Publication

**CLARIN  
CENTRE B**





## 3. CLARIAH-AT: DHA Conferences

DHA2015 (Vienna)

DHA2016 (Vienna)

DHA2017 (Innsbruck)

DHA2018 (Salzburg: 29.11. – 1.12.)





## 4. Support Programmes

### Promoting DH Research

- In support of data-based and data-driven research in the humanities on a sustainable basis
  - Scientifically innovative research questions on the basis of broad material and technical know-how
  - Integration with DARIAH/CLARIN
- 
- ⊙ 2014: go!digital (5 projects)
  - ⊙ 2016: go!digital 2.0 (12 projects)
  - ⊙ 2018: go!digital NG

## 5. Education & Junior Development Programmes

- ◎ New DH chairs at the Universities of Graz and Vienna
- ◎ Work on curricula
  
- ◎ ACDH Lectures
- ◎ ACDH Tool Galleries
- ◎ ZIM Lunchtime Lectures

Děkuji za pozornost!

Thank you for your attention!

Danke für Ihre Aufmerksamkeit!

Merci pour votre attention!

感谢您的聆听!

Dank u voor uw aandacht!

Gracias por su atención

Ngiyabonga ukulalela kwenu!

Grazie per l'attenzione!

Спасибо за внимание!

Asante sana kwa kunisikiliza!

وشكرا لكم على اهتمامكم!