

DARIAH - Shaping European Digital Research in the Arts and Humanities

Laurent Romary

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DARIAH-EU

Digital Research Infrastructure for the Arts and Humanities

Laurent Romary

Inria, directeur de recherche

DARIAH, director

DARIAH - SHAPING EUROPEAN DIGITAL RESEARCH IN THE ARTS AND HUMANITIES

www.dariah.eu

Understanding ourselves

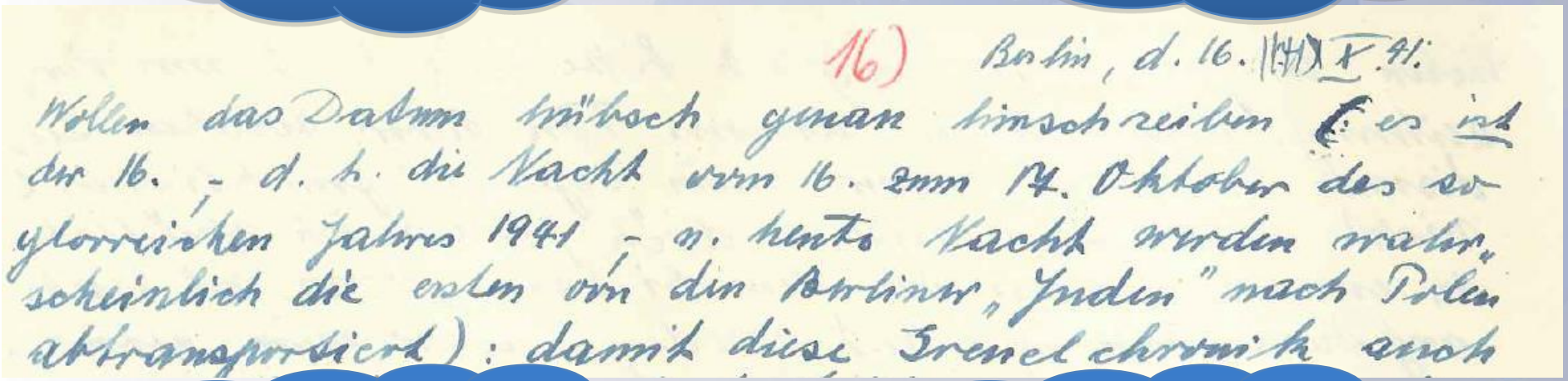
- Research in the Arts and Humanities is about *finding, observing and analyzing human traces* to help understand how we humans constitute ourselves as individuals and as societies
- A variety of patterns: communicational, emotional, behavioral, metaphysical
- A variety of traces: artifacts, language productions, artistic works, performances, constructions, destructions

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Working with digital traces

Documenting:
origin, date,
material

Qualifying:
authorship, research
value, authenticity


16) Berlin, d. 16. (14) X. 41.
Wollen das Datum hübsch genau hinschreiben: es ist
der 16. - d. h. die Nacht vom 16. zum 17. Oktober des ge-
glorreichen Jahres 1941 - n. hiesiger Nacht werden wahr-
scheinlich die ersten von den Berliner „Juden" nach Polen
abtransportiert): damit diese Grenel schonmit auch

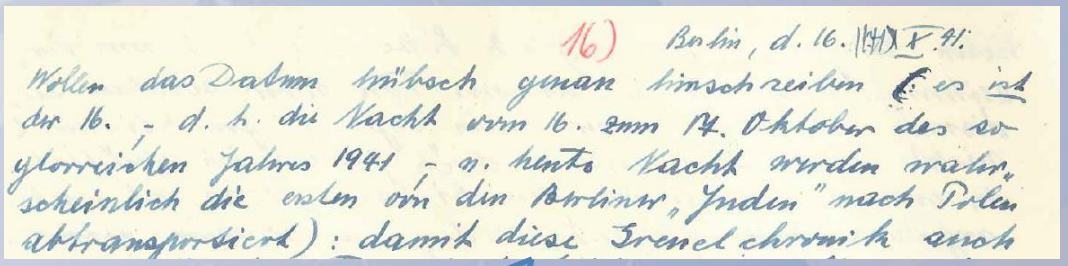
Analyzing:
layout, transcription,
names, dates

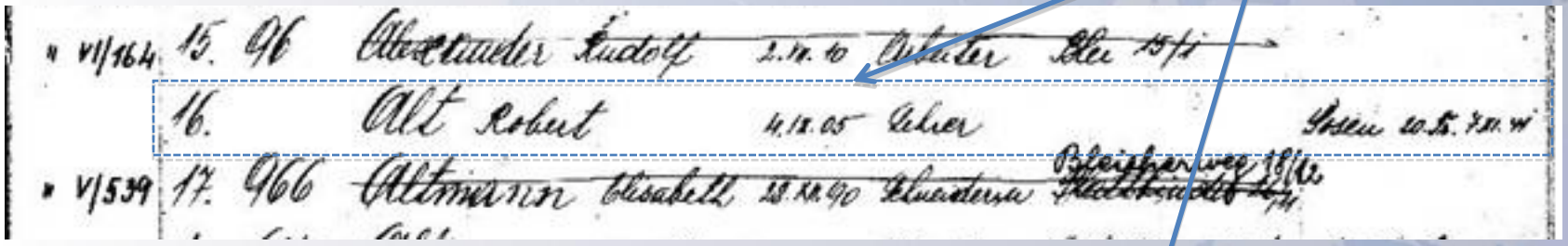
Communicating:
corpus, rights,
contextualization

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Source: *L. Alt's diary*

Linking traces





Liste der "Eingesiedelten"
Archiwum Państwowe w Łodzi, 278, Nr. 1171 (Kopie des USHMM, RG-15.083, Reel 263)

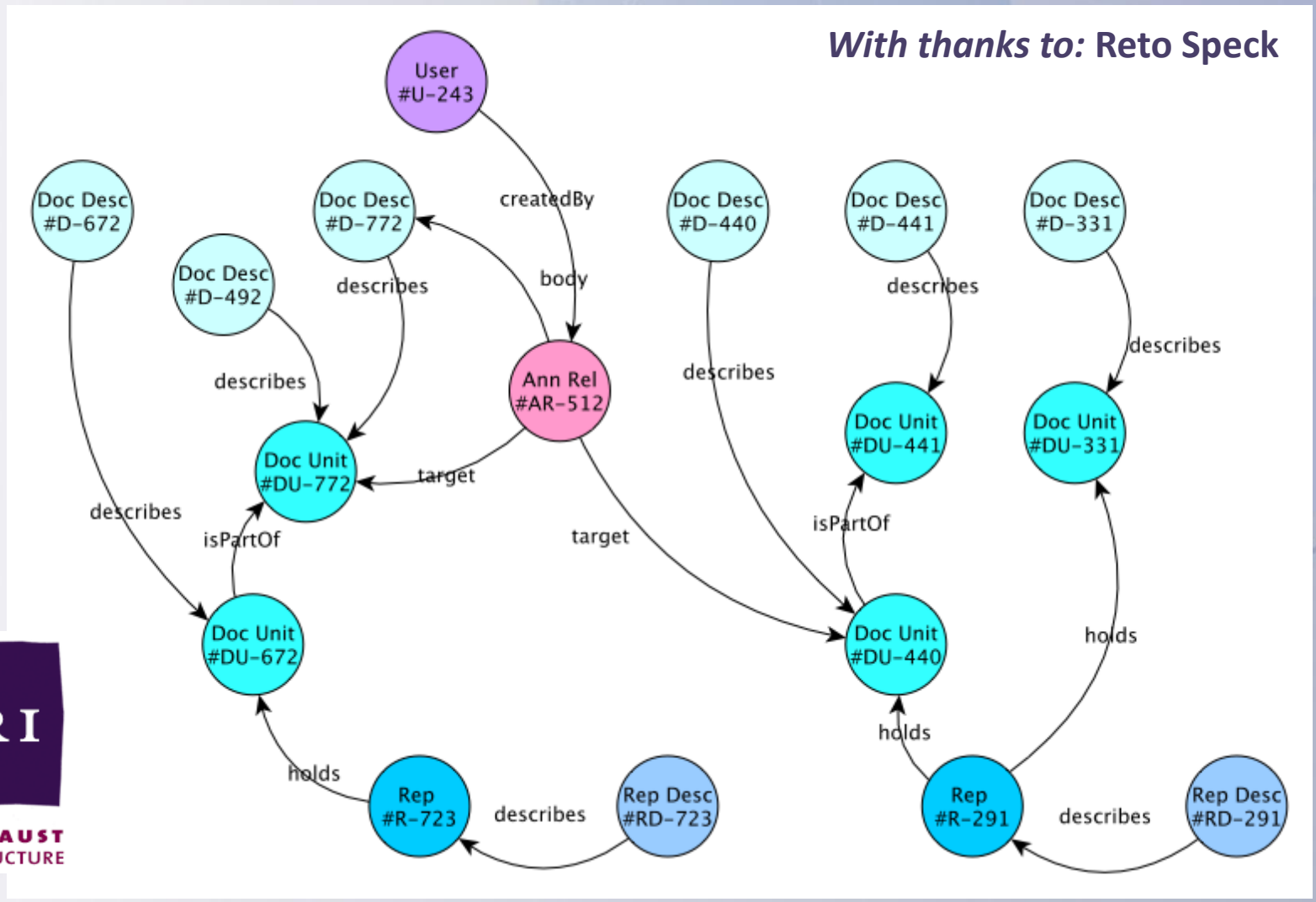


Transportliste Litzmannstadt
Archiwum Państwowe w Łodzi, Przełożony Starszeństwa Żydow w Getcie Łódzkim, Nr. 996 (Kopie des USHMM, RG-15.083, Reel 202)

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Abfahrtsdatum: 1.11.41, Deportationsziel: Litzmannstadt
Source: http://statistik-des-holocaust.de

Integration and presentation of multiple descriptions in the EHRI portal



EUROPEAN HOLOCAUST RESEARCH INFRASTRUCTURE

Arts and Humanities research in the digital era

- A scattered and heterogeneous landscape
  - Enormous digitization efforts in the public and private sectors
  - A long-standing tradition in humanities computing (digital humanities)
  - Some success stories: Text Encoding Initiative, strong communities (Epigraphy, Medieval studies)
  - Still, a majority of researchers with no real insights about digital sources, methods and publications
  - General issue of preserving digital results from one research project to another
- Ambition: dramatically raising awareness about digital methods in the arts and humanities

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Challenges

- Localization and hosting of digital sources
- Documenting and connecting to analog sources
- Environments for managing, exploring and enriching digital material
- Communication of one's own results in the digital world
- Multidisciplinary collaboration with computer science research
- Community acceptance of paradigm changes in a transition period

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Which infrastructure?

Enhance and support digitally-enabled research and teaching across the Arts and Humanities

- Providing technological components to work with digital objects
- Training researchers and working with communities
- Providing guidance about standards and best practices

A connected network of tools, information, people and methodologies

- Pulling together national initiatives
- Helping communities to integrate the digital shift

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Brief history

- **2006:** DARIAH @ ESFRI Roadmap
- **2008 – 2011:** Preparatory Phase project — *Preparing DARIAH*
- **2011 – 2013:** Transition Phase establishing the DARIAH-ERIC
- **2014-:** DARIAH-ERIC











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Digital Research Infrastructure for the Arts and Humanities

Founding members

Founding Members	
Austria	
Belgium	
Croatia	
Cyprus	
Denmark	
France	
Germany	
Greece	

Founding Members	
Ireland	
Italy	
Luxembourg	
Malta	
Netherlands	
Serbia	
Slovenia	

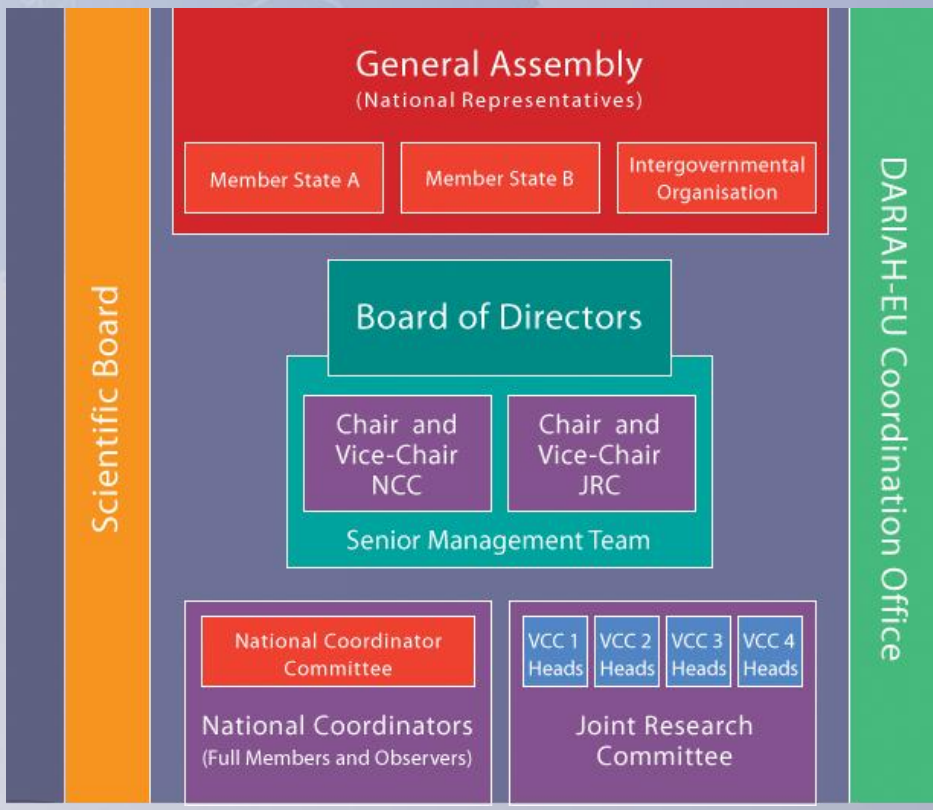
Candidate countries and associated members	
Lithuania	
Poland	
Portugal	
Spain	
Switzerland	

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Organisational Framework

A model based upon national contributions

- Expertise, technologies, capacity as well as research communities are spread across DARIAH members
- DARIAH services as a coordination of national capacities



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The DARIAH space: communities

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History

- Supporting research into the Holocaust
  - Improve (online) access to Holocaust material
  - Initiate new levels of collaborative research
  - Enable historiographical progress (transnational and comparative research)



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Lexicography

Existing communities of practice in eLexicography

- COST IS 1305 ENeL

Providing requirements for the representation of ancient and modern dictionnaries

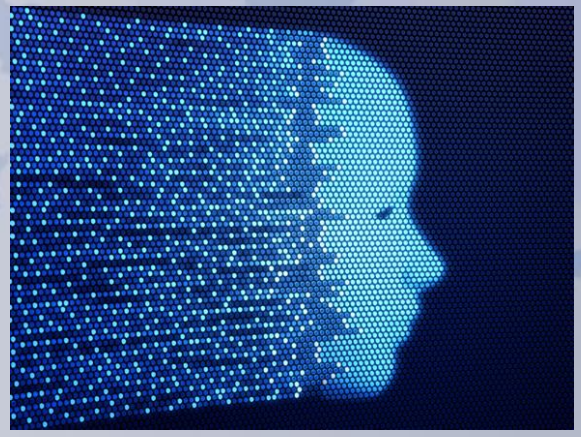
Arts



Archive of Digital Art (ADA)

Available prototypes to be provided to the DARIAH community

→ Liverpool declaration



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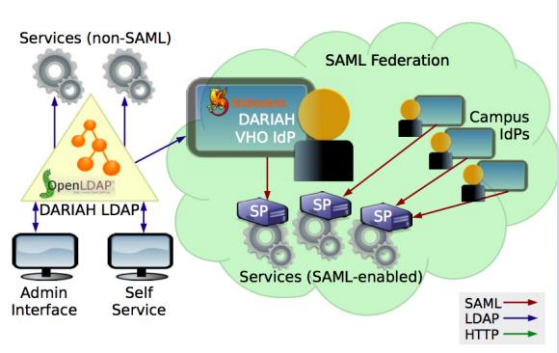
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The DARIAH space: technologies

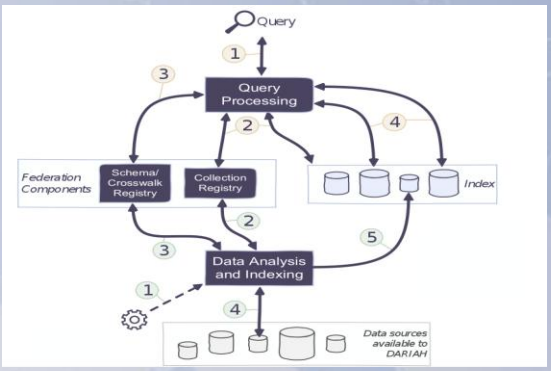
www.dariah.eu

Technical infrastructure

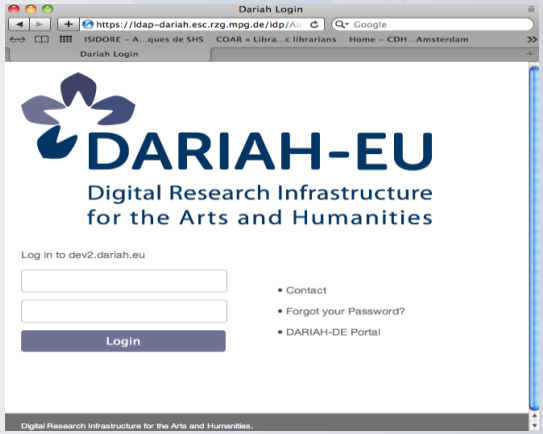
AAI Infrastructure

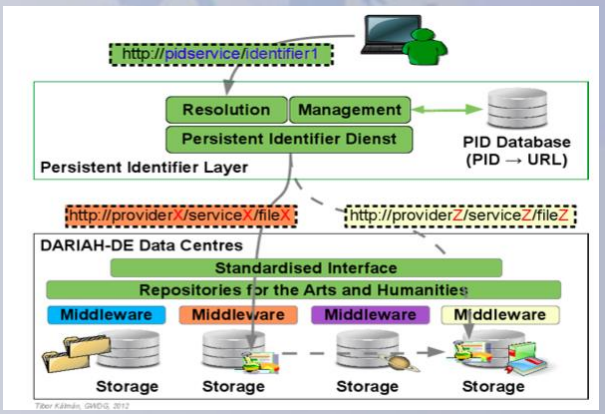


Federated, Generic Search



Collaboration Tools





Persistent Identification

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The DARIAH space: basic services

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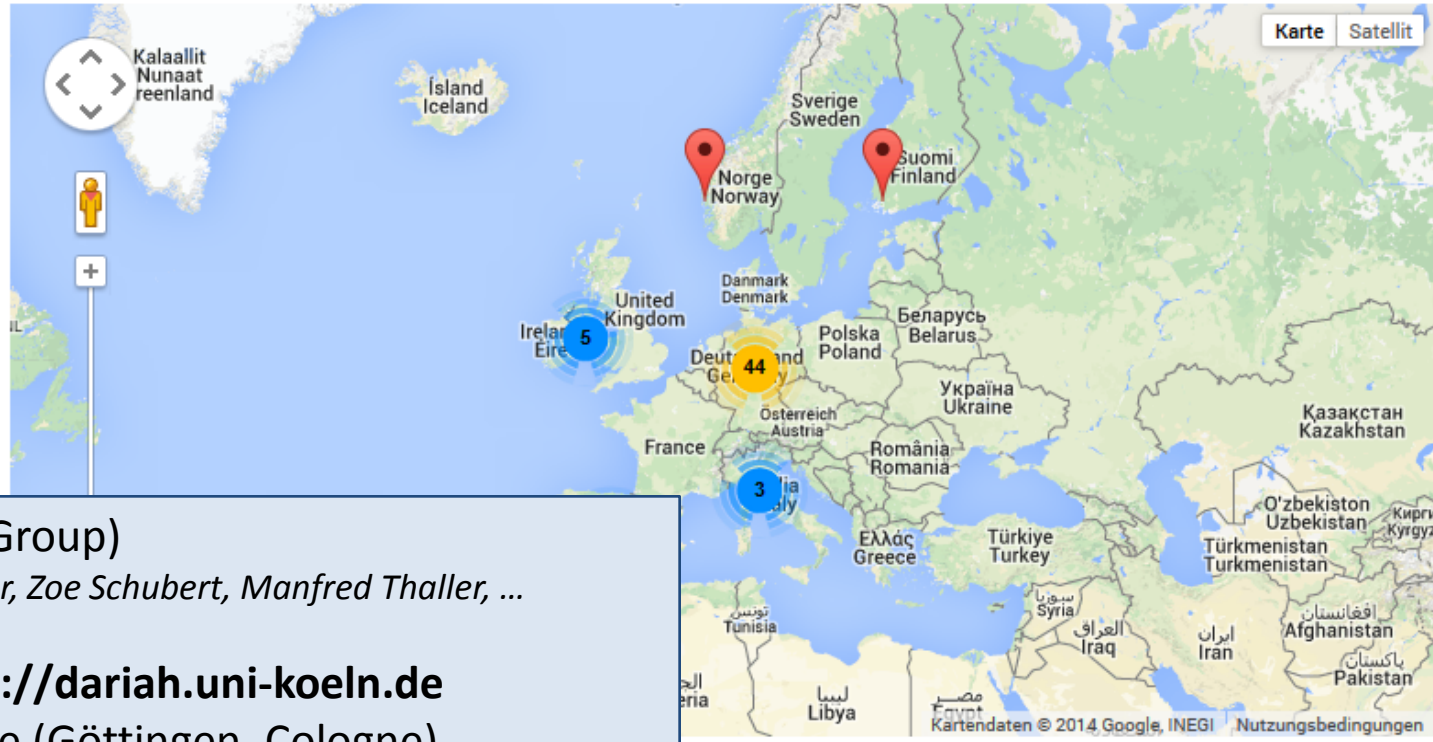
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Digital Humanities Course Registry

Login | Apply

Filters:

Country - all -
City - all -
University - all -
1. Type - all -
2. Type - all -
TaDiRAH keywords



Department	Information	Curriculum	Location
Department: Faculty of Mathematics and Computer Science	Link >>	Guide >>	
Digital Humanities	Link >>	-	

VCC2 Task 3 (Working Group)

Stef Scagliola, Walter Scholger, Zoe Schubert, Manfred Thaller, …

✓Live Version at: **https://dariah.uni-koeln.de**
✓Based on DE database (Göttingen, Cologne)
✓Showcase compiled in NL, implemented in DE
✓*TaDiRAH* taxonomy implemented
✓DARIAH Geobrowser implementation and Online Guide under construction
×Sustainability and accuracy of the course data
×*National Moderators* to edit/curate national data
> nomination by *National Coordinators*
×Data curation as national In-Kind contribution?

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The DARIAH space: initiatives

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Network of affiliated projects

ARIADNE

Archaeologists

CENDARI
COLLABORATIVE EUROPEAN DIGITAL ARCHIVE INFRASTRUCTURE

Medieval and modern historians

EHRI
EUROPEAN HOLOCAUST RESEARCH INFRASTRUCTURE

Holocaust researchers

NeDiMAH
Network for Digital Methods in the Arts and Humanities

Digital methods

DiXiT
Digital Scholarly Editions Initial Training Network

Digital textual scholarship

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Key themes and dreams

Fostering national capacities

- 15+ countries with heterogeneous developments in digital methods in the Arts and Humanities
- Contributing to the development of national roadmaps for digitally enabled research in the humanities
  - Digitization programs
  - National technical infrastructures
  - Multidisciplinary initiatives
  - National funding schemes
  - Fostering specific support with EU structural funds

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Humanities – let's go open

- *Open humanities*: a priority for the early period of DARIAH
- Combining efforts to improve awareness on
  - the need to make primary and secondary sources (publications)
  - the means to openly communicate research results; from blogs to repositories
  - the good scholarly practices — comprising licenses — related to the delivery and re-use of open content

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Towards an open space of interoperable research

- All researchers in the arts and humanities should be able to
  - find,
  - observe,
  - analyze and
  - communicate
- on a wide wealth of digital human traces,
- whatever his/her digital literacy

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DARIAH-ERIC

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