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## **DARIAH in Motion – Tangible infrastructure for intangible information**

Laurent Romary

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Digital Research Infrastructure  
for the Arts and Humanities

## **DARIAH in Motion – Tangible infrastructure for intangible information**

Laurent Romary, Inria & DARIAH

[www.dariah.eu](http://www.dariah.eu)

# Sources: evidence based research in the humanities

Documenting:  
origin, date, material

Qualifying:  
authorship, research value,  
authenticity

16) Berlin, d. 16. 11. 41.  
Wollen das Datum richtig genau hinschreiben (es ist  
der 16. - d. h. die Nacht vom 16. zum 17. Oktober des so-  
genannten Jahres 1941 - an hentes Nacht werden wahr-  
scheinlich die ersten von den Berliner „Juden“ nach Polen  
abtransportiert): damit diese Ereignis chronik auch

Analyzing:  
layout, transcription, names,  
dates

Communicating:  
corpus, rights, contextualization

# Sources in the digital world









- Increased number of digitized and born-digital sources
- Dealing with the digital life cycle
  - Creation, curation, enrichment, communication, archiving
- Consequence for DARIAH
  - Building on the **Long-established tradition of digital arts and humanities** research in Europe
  - Contributing to sustaining data, technical services and above all expertise
  - The central role of researchers: DARIAH as collective intelligence
  - **Sharing with outsiders:** DARIAH as a platform








# Building up an infrastructure

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



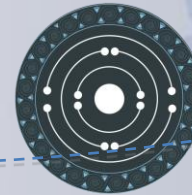
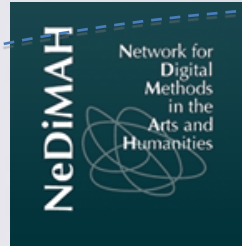
# Founding members

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	

# Communities within and around DARIAH



E-RHIS



# Services



# Working Groups – going bottom-up



DARIAH-EU / Home / Working Groups

## List of DARIAH Working Groups

Bearbeiten Beobachten Teilen Extras ▾

Erstellt und zuletzt geändert von Lisa de Leeuw vor 42 Minuten

### Working groups:

Name	Contact person(s)	main VCC	submitted	approved by JRC	approved by SMT
Natural Language Processing	@Alex O'Connor, @Fotis Jannidis	1 and 2	22/2/2015	3/3/2015	13/3/2015
<a href="#">WG Meta-Registry - An Integrated Registry Service</a>	@Dimitris Gavrilis	1	13/3/2015	30/3/2015	7/5/2015
Visual Media for Digital Humanities	@Roberto Scopigno, @Lars Wieneke	1	17/3/2015	30/3/2015	7/5/2015
Training and Education	@Claire Clivaz, @Toma Tasovac, @Walter Scholger	2	22/2/2015	3/3/2015	13/3/2015
WG Digital Methods and Practices Observatory (DIMPO)	@Costis Dallas	2	23/3/2015	4/5/2015	7/5/2015
WG Analyzing and linking biographical data	@Antske Fokkens, @Eveline Wandl-Vogt	2	22/2/2015	4/3/2015	13/3/2015
Lexical Resources	@Laurent Romary, @Toma Tasovac, @Eveline Wandl-Vogt	2	22/2/2015	3/3/2015	13/3/2015
WG Community Engagement	@Agiatis Benardou, @Aurélien Berra	2	22/2/2015	3/3/2015	13/3/2015
Digital Annotation	@Ruth Reiche, @Harald Lordick, @Nils-Oliver Walkowski	2	1/6/2015	12/6/2015	26/6/2015



Login | Apply

## Filters:

Country

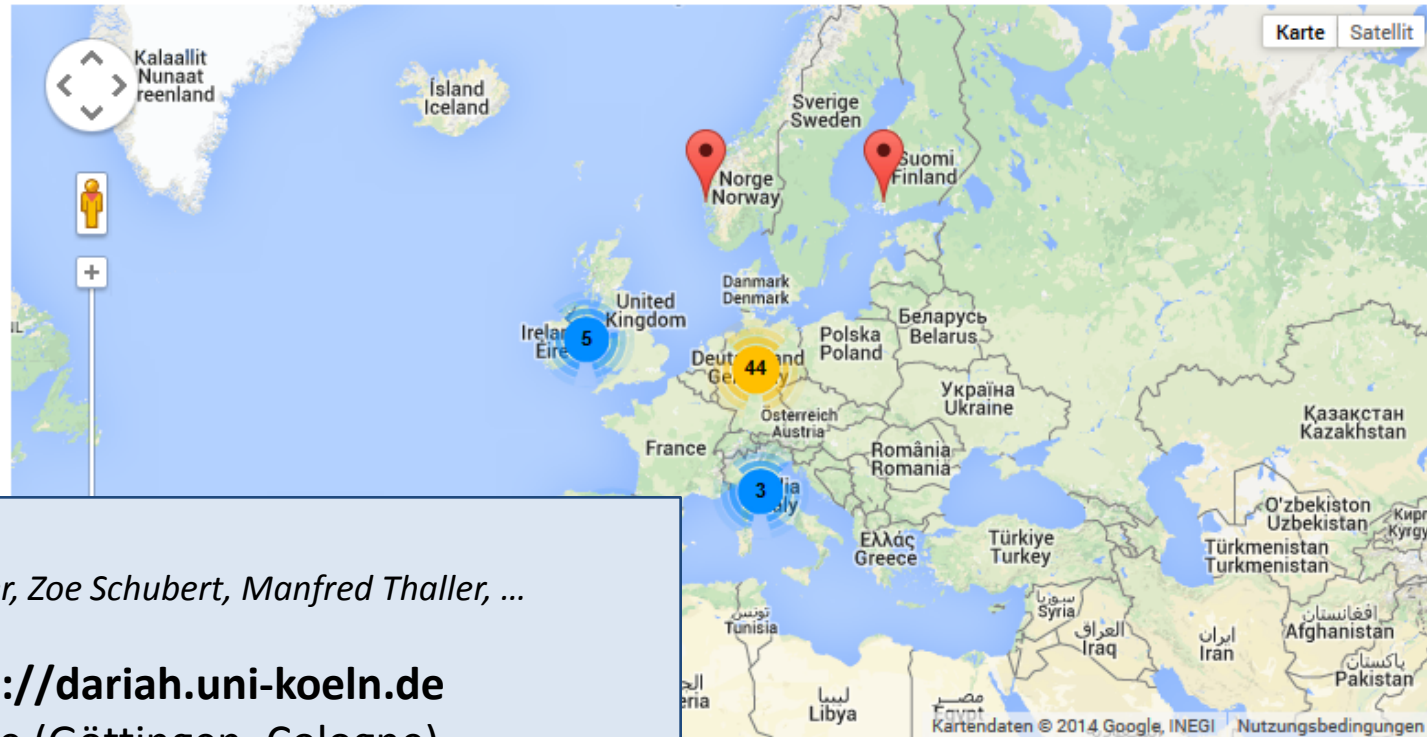
City

University

1. Type

2. Type



TaDiRAH keywords



## VCC2 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?

Department	Information	Curriculum	Location
Department: Faculty of Mathematics and Computer Science	<a href="#">Link &gt;&gt;</a>	<a href="#">Guide &gt;&gt;</a>	
Digital Humanities	<a href="#">Link &gt;&gt;</a>	-	



# CENDARI

COLLABORATIVE EUROPEAN DIGITAL  
ARCHIVE INFRASTRUCTURE

[www.cendari.eu](http://www.cendari.eu)



**Cultural Heritage Institutions in the Archival Directory**

# the mobile laboratory MOLAB

point analysis

XRF  
X-ray diffraction  
UV-vis absorption  
UV-vis emission  
UV-vis time decay  
micro-Raman  
mid-FTIR  
near-FTIR  
NMR-relaxometer

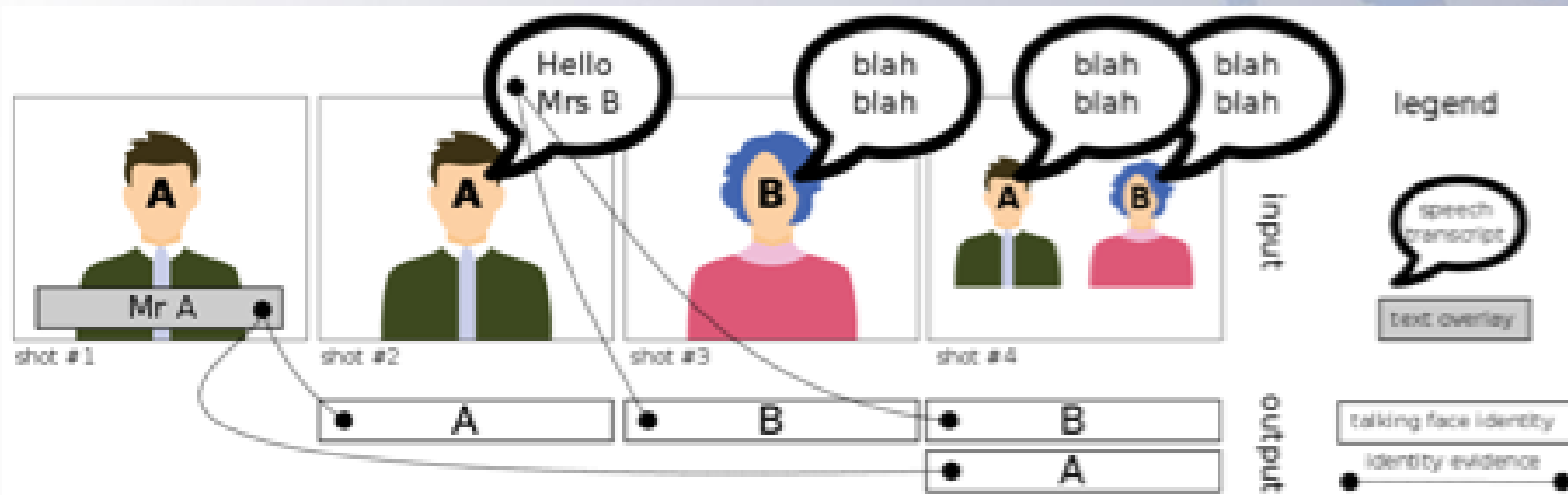
imaging

AFM  
video microscopy  
UV-vis fluo imaging  
multi-NIR-scanning  
.....



# Working with audio-visual resources

- Context:
  - Giving access to INA reference corpora
    - Specific condition for research
    - Experience gained from the MediaEval campaign
  - Strategic support from MESR and ANR



# Working at the service of Arts and Humanities

- Variety of possible digital resources
- Need to work with data providers and research communities
  - Licencing, standardisation, technical issues
- An important aspect: disseminating a digital culture in the humanities
  - Basic methods, good practices
- Let us speak further about all this...