DARIAH-DE
Digital Research Infrastructure for the Arts and Humanities

Dr. Stefan Schmunk | Göttingen, 1\textsuperscript{th} June 2017

@DARIAHde
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Digital Humanities – an interdisciplinary approach

Digital Humanities = Applied digital enabled research in the Arts and Humanities

Arts and Humanities & Social Science
Computer Science

Libraries & Archives – Information Science
DARIAH-DE – brief overview

- one of 17 members of DARIAH-EU
- funded by the German Federal Ministry of Education and Research (BMBF)
- Operating phase: 2016 – 2019
- 19 partners:
  - 5 universities, 5 academic institutions, 3 computer centres, 2 libraries, 2 academies of sciences, 1 commercial partner, 1 NGO
- Used by 80 projects and more then 3.800 scholars
Digital transformation changes research in the Arts and Humanities fundamentally. This concerns:

- Research methods → getting more and more digital
- Research data → are increasingly digital
- Scholars need new abilities → changes of curricula and staffing at universities
- Change of theoretical approaches → must be adapted and modified
- Change in research practices → more interdisciplinary and collaborative
Digital transformation and the resulting permanent changes in the Arts and Humanities, can only be solved and realized collectively, interdisciplinary and collaboratively.

In order to support this process and to enable it throughout Germany, DARIAH-DE was founded: to pool competences and skills, to pursue actively research in this area and, above all, to build up a digital research infrastructure on the basis of research requirements by the communities.
Teaching (support, training)
- Workshops on methods, expert colloquia, Summer Schools
- Provision of training materials and tutorials
- Coordination of national and international curricular developments

Research (DH & Information Science)
- DH methods and practices
- Use Cases: Annotation, quantitative data analysis
- Tools and services
- Bibliography *Doing Digital Humanities*

Research Data (research data collections, research data management)
- Best practices for metadata, standardised exchange of data, ontologies
- Development of generic search, collection and schema registry
- Development of a tool based federation architecture for research data

Technical Infrastructure (development and provision of infrastructural services)
- Collaborative research environments, virtual machines, monitoring, authentication and authorization infrastructure etc.
- Best practices, manuals, quality assessment etc.
- Recommendations e.g. APIs
See you at the DARIAH-DE booth

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