

## Research Project

### Daten- und Dienstleistungszentrum für die Geisteswissenschaften (DDZ)

#### Third-party funded project

**Project title** Daten- und Dienstleistungszentrum für die Geisteswissenschaften (DDZ)

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**Organisation / Research unit**

Fakultär assoziierte Institutionen / Digital Humanities Lab

Fakultär assoziierte Institutionen / Imaging software/databases (Rosenthaler)

**Department**

**Project start** 01.07.2013

**Probable end** 31.12.2016

**Status** Completed

This research shall answer a chronic problem in Swiss Humanities research: There is no systematic way to preserve Swiss Humanities digital research for the future nor is it possible to interconnect scientific data from the humanities with other sources of the international Digital Humanities (DH) research community to find new results based upon the linkage of sources of various types. With the availability of large quantities of digitized sources in the Internet and the existence of mature technologies such as the semantic web, research in Humanities is at the beginning of a fundamental change of research methods. This has been clearly shown by the emergence of the new label "Digital Humanities" in the 2000's, that indicates the dissemination of the digital epistemology. However, the use of computer based methods and online sources in Humanities are still a challenge and plagued by several problems: The lack of sustainability, the nonexistence of common basic services, missing data standards, the deficiency of knowledge, unavailable international networks in DH and of DH education and good practices training. Therefore a pilot project for a "Swiss Digital Humanities Center" (SDHC) has been launched, will which guarantee the long term accessibility of research data in the Humanities and propagates the use of advanced digital methods and technologies in a way that the persistence of data and tools to work with scientific data from the humanities can be achieved. The center will offer the following functions: sustainable, reliable and trustable data repository for digital research data in the Humanities; long term accessibility and long term archival; state of the art data and access management to have a high degree of control of "who can do what"; extensible, open and flexible toolbox of methods for data management, analysis and visualization; toolbox/library of basic functions for the creation of new tools and research method; connectivity to external data sources and repositories, with external sources according to the "linked data" standard; information and training about digital research methods and data management targeted to qualitative data and digital sources. With the availability of large quantities of digitized sources in the Internet and the existence of mature technologies such as the semantic web, research in Humanities is at the beginning of a fundamental change of research methods. This has been clearly shown by the emergence of the new label "Digital Humanities" in the 2000's, that indicates the dissemination of the digital epistemology. However, the use of computer based methods and online sources in Humanities are still a challenge and plagued by several problems: The lack of sustainability, the nonexistence of common basic services, missing data standards, the deficiency of knowledge, unavailable international networks in DH and of DH education and good practices training. Therefore we propose to include the "Swiss Digital Humanities Center" (SDHC) into the "Swiss research infrastructure roadmap" 2017-2020 as a data/service center, which guarantees the long term accessibility of research data in the Humanities and propagates the use of advanced digital methods and technologies in a way that the persistence of

data and tools to work with scientific data from the humanities can be achieved. With the availability of large quantities of digitized sources in the Internet and the existence of mature technologies such as the semantic web, research in Humanities is at the

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**Add publication**

**Add documents**

**Specify cooperation partners**

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2820547	Rosenthaler, Lukas	Clivaz, Claire, DH	Université de Lausanne	01.07.2013	31.12.2016
2820548	Rosenthaler, Lukas	Kapossy, Béla, DH	Université de Lausanne, Faculté des Lettres	01.07.2013	31.12.2016
2820550	Rosenthaler, Lukas	Vinck, Dominique, DH	Université de Lausanne, LADHUL	01.07.2013	31.12.2016
2820553	Rosenthaler, Lukas	Urchueguía, Cristina	Universität Bern, Inst. für Musikwissenschaften	01.07.2013	31.12.2016
2820554	Rosenthaler, Lukas	Stolz, Michael	Universität Bern	01.07.2013	31.12.2016
2820556	Rosenthaler, Lukas	Andrews, Tara	Universität Bern, DH	01.07.2013	31.12.2016