

# Swiss solution:



### Data & Service Center for the Humanities DaSCH



born Jan. 1st 2017



**Swiss Academy of Humanities and Social Sciences** 



UNIL | Université de Lausanne

HEC Lausanne



# DaSCH goals

- Securing longterm, easy and simple access to qualitative research data in the Humanities
- Support of Researchers in the creation of new and the Re-use of existing digital research data





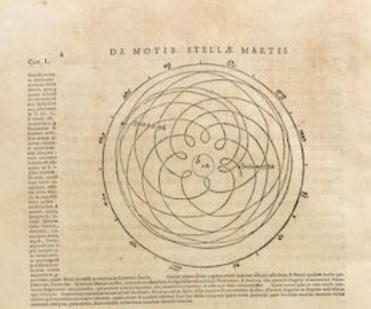
- Financed by the State Secretary of Education, Research and Innovation (SERI) as Enterprise of the Swiss Academy of Humanities and Social Sciences (SAHSS)
- mandated to the **Digital Humanities Lab** of the University of Basel
- Budget: CHF 500'000.- p.a. (3.3 FTE)
- Partner: SWITCH (hosting, data storage)











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# Tasks/Goals

- Take-over of existing, no longer maintained digital data and securing the long-term access to it
- Development and operation of an adequate, reliable, robust, long-lived infrastructure (repository-software and serversoftware)
- Support of ongoing and future research projects, that create digital data
  producers of knowledge

producers of knowledge

Support of research projects which are (re-) using existing research data (e.g. digital editions form the base for further research)

consumer of knowledge

- training and eduction ("best practices", tools etc.)
- Networking (national und international) & Standards



### Important features: FAIR data

- All SW open source (github)
- extensiv rights and permission system for those cases where necessary (legal reasons, embargo period)
- persistent Id's (**PID**) using the ARK identifiers (down to the single data object)
- complete **change history** for objects and data fields
- **RESTful API** for search, metadata and data
- long-term archival strategy:
  - multiple redundant copies on different media (HD, MT)
  - standard formats for digital objects (data: RDF [turtle], media: J2K, mp4 etc.)
  - technology watch and migration strategies



### 3 models

#### • post mortem 😔

Take-over of data after project ended (sometimes very long after project end) Problematic:

- often documentation weak or completely missing
- "reverse engineering" necessary
- in vivo 🙂

On-going project which faces IT-challenges and conavts the DaSCH for support, consulting or collaboration remuch better, but already existing data often in bad shape

#### • ab ovo 😂

optimal case: assistance and support from the beginning *consulting already during "grant writing"-phase* 



### DaSCH and NIE-INE

- it's not the same!
  - ➡ DaSCH: SBFI/SAGW
  - ➡ NIE-INE: swissuniversities P5
- very close collaboration!! ("best friends")
  - NIE-INE partially based on DaSCH SW-infrastructure
  - NIE-INE adapts and expands the SW-infrastructure according to its needs



# Information portal: http://dasch.swiss

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