



- 01 Data is created, assigned a unique identifier, given a description, and stored in a repository.
- 02 Data is transformed into machine readable form. Both data and its metadata are enriched through annotation, transliteration and translation.
- 03 Data is consolidated through normalization, standardization, and semantic unification. Semantic relations among data are discovered with Linked Data techniques, online thesauri and vocabularies, and related ontologies.
- 04 Data undergoes multi-criteria analysis, modelling and interpretation with algorithms dedicated to the arts and humanities.
- 05 Data, its semantic relations and analysis results are visualized with large format high-resolution HDR, modular 2D and 3D visualization and spatio-temporal (GIS) visualization systems.

DARIAH.LAB: INTERDISCIPLINARY COLLABORATION OF HUMANITIES AND TECHNOLOGY



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Dariah.lab is a large scale infrastructure built for digital arts and humanities in Poland by members of the DARIAH-PL consortium. Its objective is to support data acquisition, storage and integration of research data of various forms and provenances, and to enable data processing, visualization and access to digital assets.

The project is funded under the Smart Growth Operational Programme in the area "Development of modern research infrastructure of the science sector". One of the project's laboratories, Supervised Semantic Discovery Laboratory, consists of 5 main areas:

- DATA AGGREGATORS AND NORMALIZERS
- DATA ENRICHMENT, LINKING, RECONCILIATION
- A KNOWLEDGE EXCHANGE PLATFORM
- THESAURI, ONTOLOGIES, DICTIONARIES HARMONISATION
- DATA MAPPING AND CONVERSION

Dariah Inspire is a web platform to support the exploration and exchange of knowledge in the digital humanities.

Written and multimedia content for Inspire's Knowledge Base (summaries, critiques, case studies, data descriptions) will be created through:

- Automatic aggregation from existing websites, with a selection process
- Manual collection from the academic community
- Original content creation by the editorial team

The system of curated tags will allow everyone to conduct specific searches and for registered users to personalise the content displayed.

