

LINDAT/CLARIAH-CZ

Digital Research Infrastructure for Language Technologies, Arts and Humanities

Czech node of the CLARIN ERIC and DARIAH ERIC networks

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LINDAT/CLARIAH-CZ



- Language Technology
 - Language Resources (open repository)
 - Natural Language Processing tools and services
- "Digital humanities"
 - Enable & support digitally-enabled research
- Users
 - Researchers in Language Technology Arts and Humanities
 - General public ("Internetová jazyková příručka" at ICL AS CR)
- Technology
 - Repository (resources), Services, (Software) Tools, Applications
- Current status
 - LINDAT/CLARIAH-CZ, joining CLARIN and DARIAH in CZ
 - Started Jan. 1, 2019 in parallel with LINDAT/CLARIN

Main Goals for 2019-2022 LIND



- Continue CLARIN ERIC participation, become stable part of DARIAH ERIC
 - Membership of Czech Republic in DARIAH ERIC approved Nov. 7, 2019
 - Integrated with LINDAT/CLARIN by Jan. 1, 2020
 - Operational and fully connected by Jan. 1, 2021
- Construction phase (2019-2020), following preparations (2017-8)
 - Collect data, assess quality, completeness, licensing, determine main repository(ies)
 - Prioritize, convert data / metadata
- Operational phase (2021-)
 - Repositories running and connected to DARIAH and CLARIN central hub(s)
 - Services
 - integrated language services, new services: search in multimodal data, statistics, visualization
- Continued operation for the CLARIN part, integration to EOSC (SSHOC project)

Timeline of LINDAT/CLARIAH-CZ w/relation to LINDAT/CLARIN





- LINDAT/CLARIN est. 2010, operational since Jan. 1, 2014
- CLARIN ERIC est. 2012 (Utrecht, NL)
- DARIAH ERIC est. 2014 (Paris, FR)

Institutions



- Charles University, Prague
 - Faculty of Mathematics and Physics (CS School)
 - Faculty of Arts (multiple departments)
- Univ. of West Bohemia, Pilsen (Applied Sciences)
- Masaryk University, Brno
 - Faculty of Informatics, Faculty of Arts (multiple departments)
- Academy of Sciences of the Czech Republic
 - Library of the Academy of Sciences
 - Institute of the Czech Language
 - Institute of Philosophy
 - Institute of History
- National Library, Prague
- Moravian Library, Brno
- National Film Archive, Prague
- National Gallery, Prague

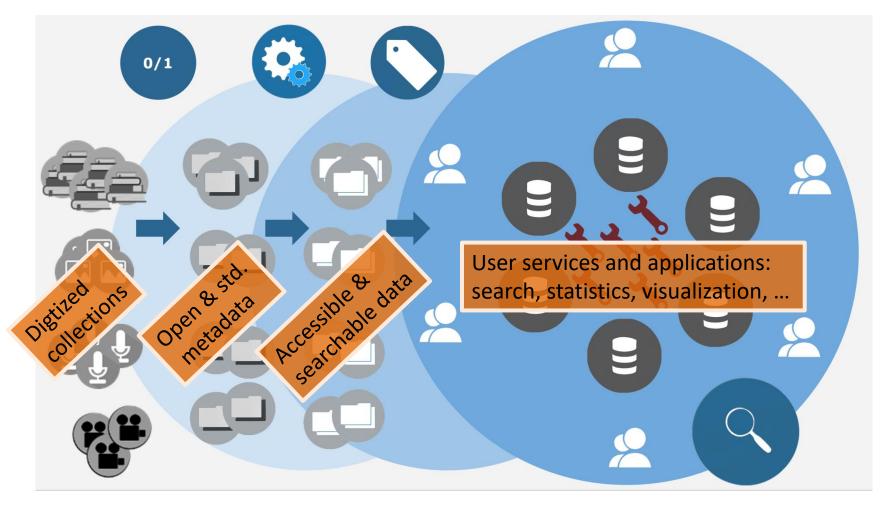
Research Fields



- Linguistics, computational linguistics
- History, historical bibliography
- Study of culture
- History of art
- Philosophy
- Film and film history including new audiovisual media
- Visual arts
- Musicology and history of music
- Ethnology
- Archeology/Egyptology
- ... and interdisciplinary areas of the above

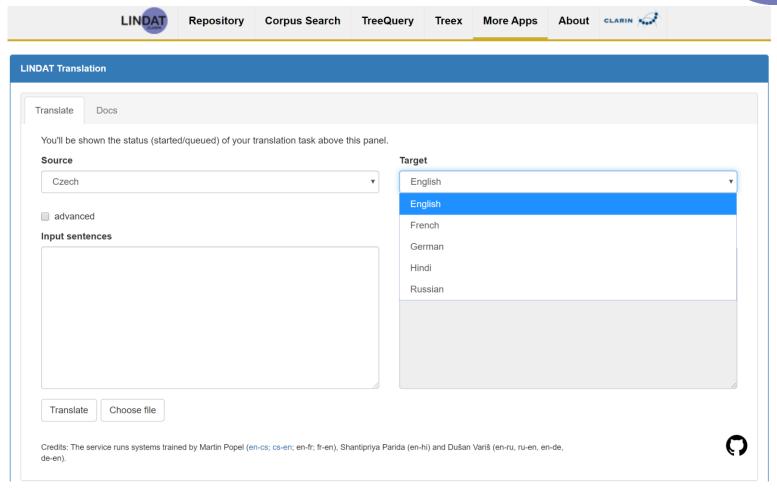
Workplan scheme





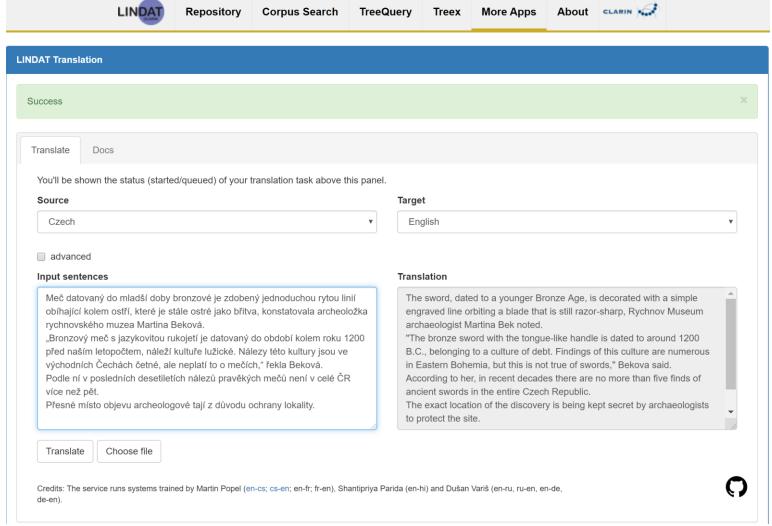
Example Services: Machine Translation





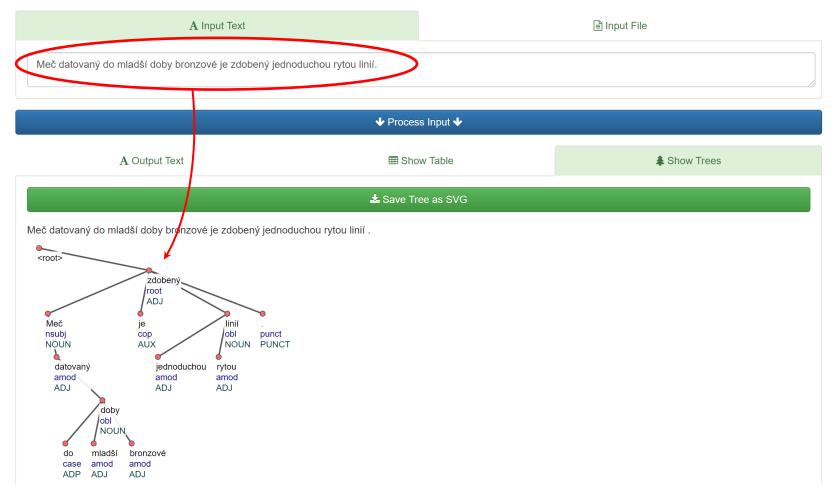
Example Services: Machine Translation





Example Services: Language Analysis

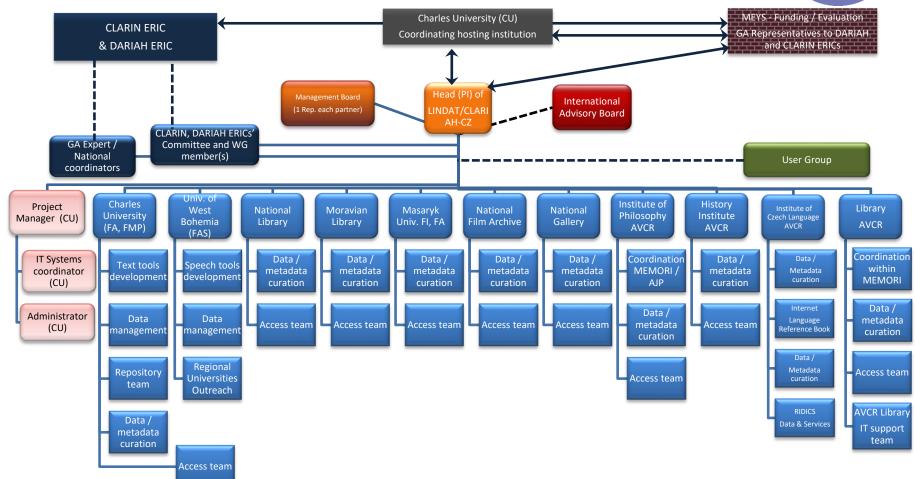




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Management Structure







Thank you!

https://clariah.lindat.cz

4th DNVI, November 19, 2019 LINDAT/CLARIAH-CZ 12