Digital research infrastructures and knowledge network
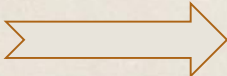
Koraljka Kuzman Šlogar

Traditional Research $\Longrightarrow$ Challenges of the 21st Century

Covid 19/Lockdown $\Longrightarrow$ increased use of digital infrastructure
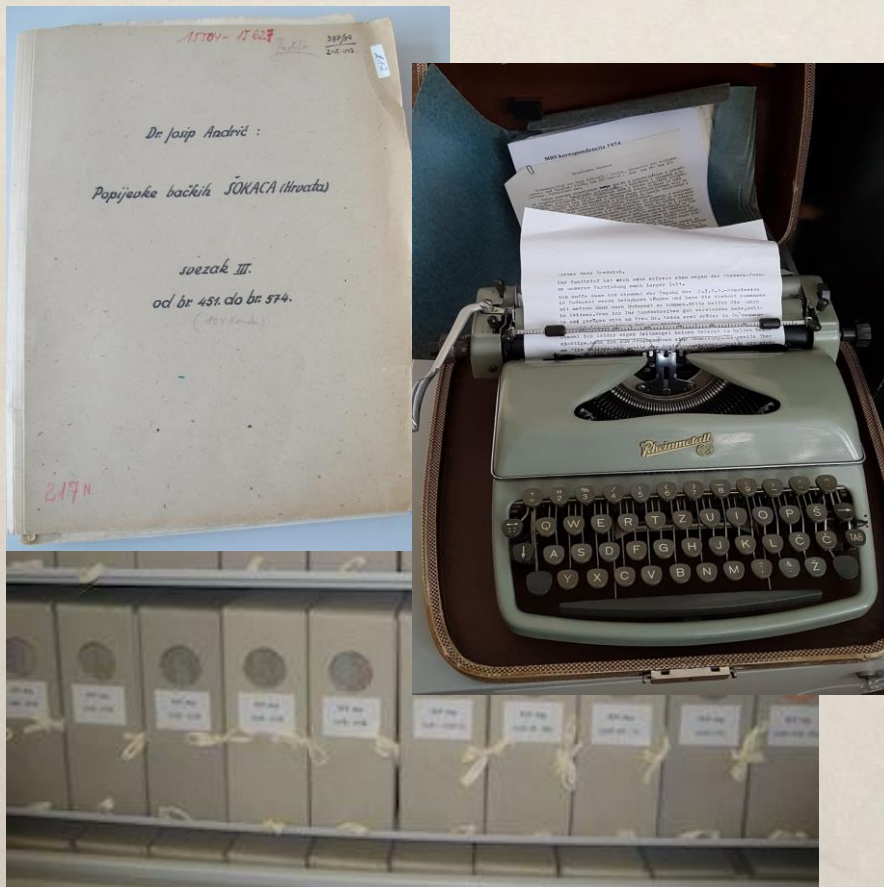
OPEN SCIENCE.
OPEN INTERNET.
⚛ #SCIENCENOTSILENCE ⚛

Digital research infrastructure

- "'research infrastructure' means facilities, resources and related services that are used by the scientific community to conduct research in their respective fields and covers scientific equipment or set of instruments, knowledge-based resources such as collections, archives or structured scientific information, enabling information and communication technology-based infrastructures such as grid, computing, software and communication, or any other entity of a unique nature essential to conduct research. Such infrastructures may be 'single-sited' or 'distributed' (an organised network of resources)"

Knowledge network

"Knowledge networks can be defined as social networks that enable the transfer of the knowledge, which is defined as the intellectual product formed as a result of the work of human intelligence, to be transferred to any other means of communication. A knowledge network represents a large number of people, resources and relationships between them, to create the highest value, primarily to accumulate and use knowledge through the process of generating and transmitting knowledge."

Hilmi Bahadır Temur, Ahmet Serdar Yılmaz, Mehmet Tekerek. Knowledge Network and a Knowledge Network Example. Proceedings of International Symposium on Advanced Engineering Technologies 2019, 1, 1350-1355 (2019). arXiv:1911.09899 [cs.CY]

DARIAH-EU

"The Digital Research Infrastructure for the Arts and Humanities (DARIAH) aims to enhance and support digitally-enabled research and teaching across the arts and humanities. DARIAH is a network of people, expertise, information, knowledge, content, methods, tools and technologies from its member countries. It develops, maintains and operates an infrastructure in support of ICT-based research practices and sustains researchers in using them to build, analyse and interpret digital resources. By working with communities of practice, DARIAH brings together individual state-of-the-art digital arts and humanities activities and scales their results to a European level. It preserves, provides access to and disseminates research that stems from these collaborations and ensures that best practices, methodological and technical standards are followed.

DARIAH was established as a European Research Infrastructure Consortium (ERIC) in August 2014. Currently, DARIAH has 19 Members and several cooperating partners in eight non-member countries."
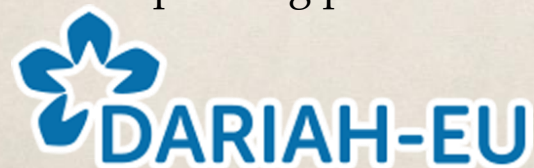
DARIAH-EU Mission

"DARIAH's mission is to empower research communities with digital methods to create, connect and share knowledge about culture and society.

We work towards developing an infrastructure that supports researchers working in the diverse community of practice known as the arts and humanities to build, analyse and interpret digital or hybrid resources. As such, DARIAH supports and enhances the sustainable development of digitally-enabled research and teaching through its network of people, knowledge, content, methods and tools. Our main areas of activities aim towards ensuring that humanities researchers are:

- able to assess the impact of technology on their work in an informed manner,
- access the data, tools, services, knowledge and networks they need seamlessly and in contextually rich virtual and human environments produce excellent, digitally-enabled scholarship that is reusable, visible and sustainable "

https://www.dariah.eu/about/mission-vision/

DARIAH-EU

DARIAH-HR

DARIAH-HR is part of DARIAH-EU, one of the fifteen countries that founded the consortium.

National Representative: Ministry of Science and Education

National Coordinator: Institute of Ethnology and Folklore Research

DARIAH-HR: 33 national institutions

        (including Miroslav Krleža Institute of Lexicography)

WESTERN BALKANS HUB (BH, MK, ME): 6 associate institutions from BH and MK

Southeastern Europe Hub 2021

LEKSIKOGRAFSKI ZAVOD
MIROSLAV KRLEŽA
1950-2020

DARIAH-HR

DARIAH-HR

As part of this transnational research community, DARIAH-HR promotes and raises awareness about digital art and humanities, projects, tools and best practices, and advocates open access to information and free sharing of research results and innovations.

LEVELS of ACTIVITIES

LOCAL: fostering cooperation between the scientific, GLAM and the IT sector, as well as between the Ministry of Science and Education and the Ministry of Culture and Media on the planning and financing of national infrastructure for DH;

REGIONAL: Western Balkan Hub (→SEE Hub); networking and advocating DH;

EUROPEAN: initiating the establishment of new working groups, covering areas that are not sufficiently represented in DARIAH; participation in EU projects

THANK YOU FOR ATTENTION