Open Science Lab

Funding source	In-kind value	Timeframe	Target group	Scale	Year of reporting
National, regional, institutional	**€1M−€10M**	**2013−present**	**Researchers**	**Institutional**	**2024**

Use case

The Open Science Lab at the Leibniz Information Centre for Science and Technology supports cultural heritage institutions and research administrators with Knowledge Graph and AI environments. As a stakeholder and co-developer of tools like Wikibase and VIVO/Vitro, and a co-leader of NFDI4Culture, the Open Science Lab also organises book sprints, hackathons, and data stewardship programmes to foster learning and responsible open communities.
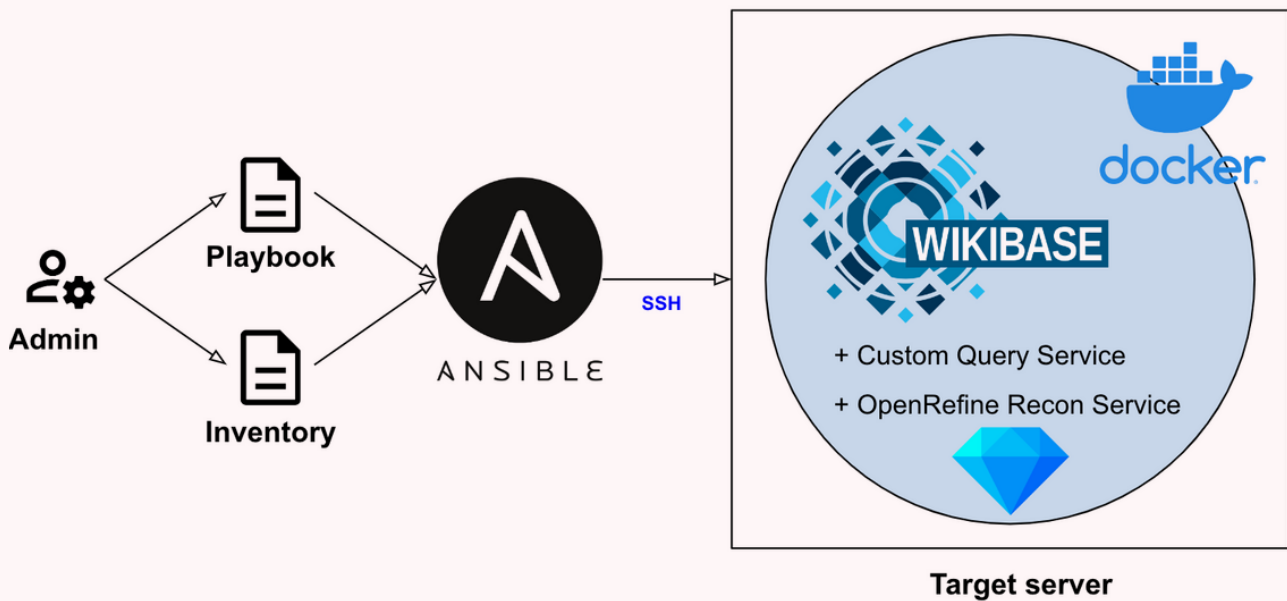

Collaborators:

- Hannover University of Applied Sciences and Arts (HsH)
- Consortium for Research Data on Material and Immaterial Cultural Heritage (NFDI4Culture)

Added value

- The Open Science Lab has developed specific Knowledge Graph and AI use cases, including **software services and adaptions**, tailored to the requirements of cultural heritage institutions.

- The Open Science Lab has facilitated the building and maintenance of **tailored VIVO instances** for research institutions.

- The Open Science Lab has helped communities to summarise and spread **domain-specific knowledge** by means of book sprints and similar activities.

Germany

Problem addressed

As Knowledge Graphs rapidly develop, cultural heritage institutions, researchers, and research administrators struggle with the overwhelming task of navigating the evolving landscape. The Open Science Lab finds solutions to these challenges through cooperation, third-party-funded research, and contract work. Our aim is to empower users to become capable, responsible citizens of open Knowledge Graph and AI ecosystems.

The Open Science Lab have been engaging with the construction of a reliable and configurable deployment process for Wikibase. The process described above has allowed us to deploy instances of Wikibase which are specially customised to meet the needs of research data management use-cases with minimal effort and with confidence that the resulting services will be stable and ready to use. CC-BY 4.0, creator: Lozana Rossenova

SRIA General Objective

GO2: Enable the definition of standards, and the development of tools and services, to allow researchers to find, access, reuse and combine results

Research areas

△ Engineering and Technology

📖 Humanities

Type of result

╫ Infrastructure   ◎ Software

⚙ Service

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