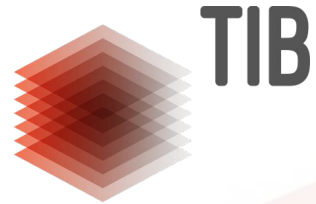

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Der Forschungsatlas

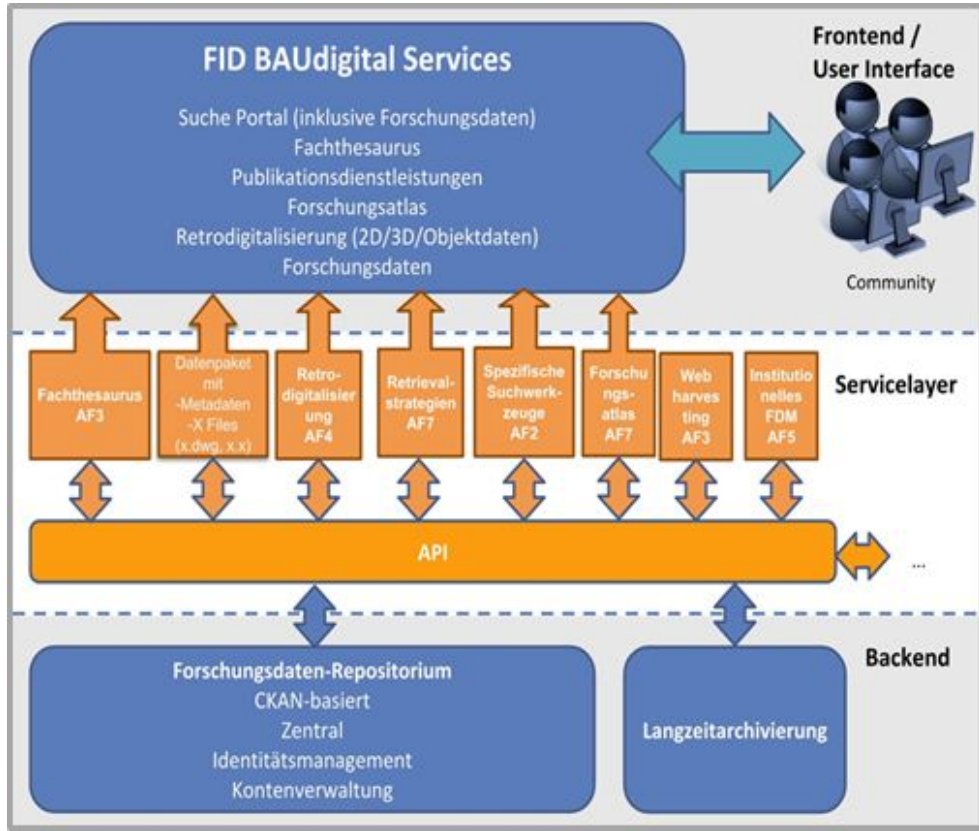
A community-oriented research profile system in the making

Benjamin Kampe, Christian Hauschke
Lab open research information (TIB)

Agenda

1. **The specialized information service
BAUdigital**
2. **Der Forschungsatlas**
 - a. Conception
 - b. Author profiles
 - c. Networking through themed pages
 - d. Map of Research objects
3. **Next steps**

The specialized information service BAUdigital



- specialist information service for civil engineering, architecture and urban studies
- 8 fields of action (on research data management, thesaurus development, long-term archiving, research and infrastructure networking, etc.)



www.fid-bau.de/

Conception

- Creation of a research and infrastructure map
- Research tool for research activities, infrastructure and service offers
- ORCID-based login mechanism



Author profiles

- Infrastructure for import, conversion, deduplication, disambiguation, matching and mapping
- Suggestions for publications to be included in their profile
- Additional properties, classes and refinements
- Automated import and update of data
- Possible data sources (selection): ORCID, the integrated authority file (GND), German research reports from the TIB

Networking through themed pages

- Further development of the profile pages for concepts (SKOS Concepts) in VIVO
- Display of publications, projects, organizations and people associated with this concept
- Entry into in-depth searches in the system
- Integration of visualizations that enable content-related exploration of the research atlas

Linked data Concept

Vocabulary Service

LCSH (Library of Congress Subject Headings)

Associated Departments

Bereich Entwicklung

Forschungsgruppe Scientific Data Management

LUH

Programmbereich C - Forschung und Entwicklung

Technische Informationsbibliothek (TIB) Leibniz-Informationszentrum Technik und Naturw

Universidade de Hanôver Gottfried Wilhelm Leibniz

University of Hanover

univ

Overview

research area of

Vidal, Maria-Esther, Dr., Forschungsgruppe Scientific Data Management

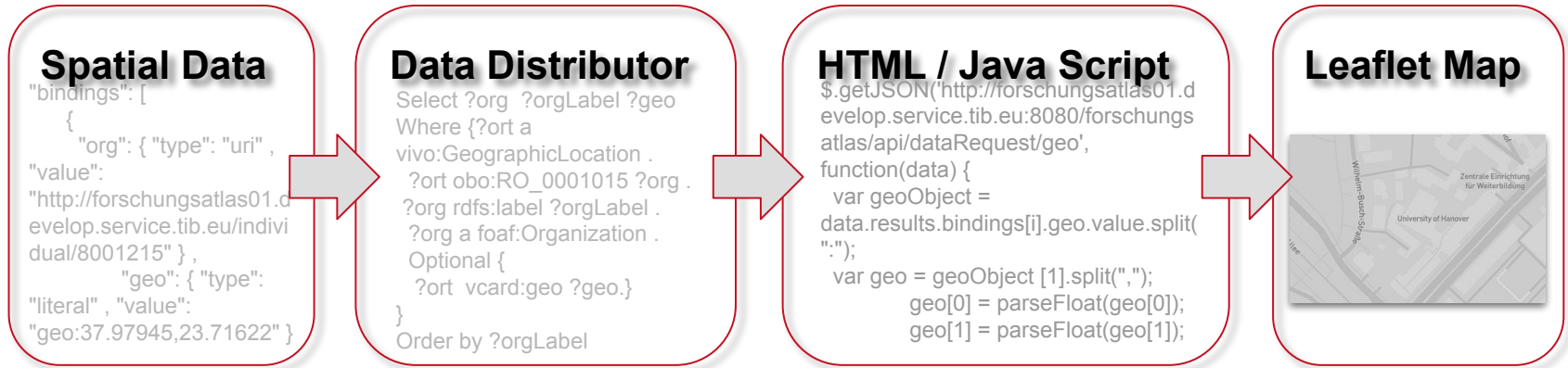
Blümel, Ina, Prof. Dr., Open Science Lab

Auer, Sören, Prof. Dr., Technische Informationsbibliothek (TIB) Leibniz-Informationszent

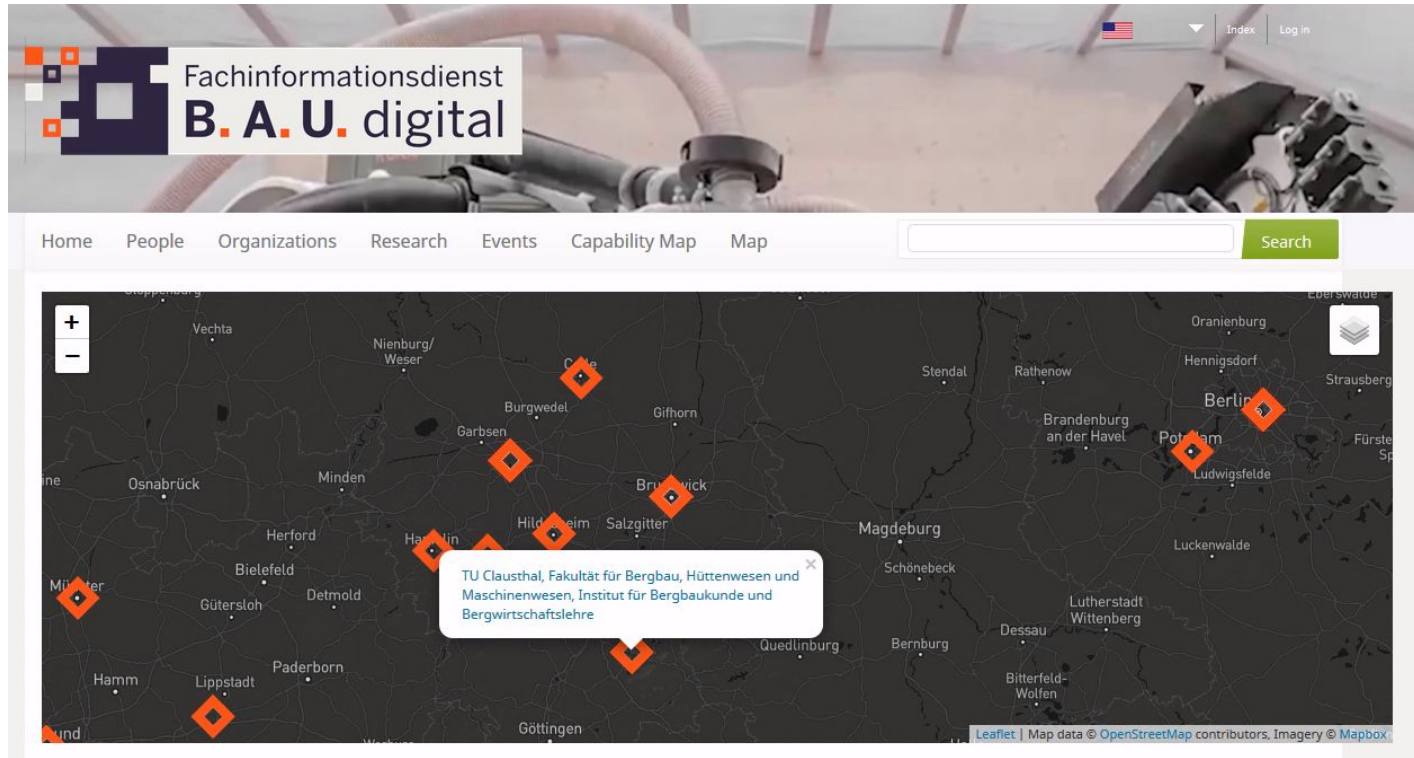
Hauschke, Christian, Leitung, Lab Open Research Information

Map of the research objects

- Leaflet based map
- Geographic information on building research objects
- Search and input tools as entry points into research



Map of the research objects

The screenshot shows the homepage of the "Fachinformationsdienst B.A.U. digital" website. The header features the logo and name of the service, a navigation menu with links for Home, People, Organizations, Research, Events, Capability Map, and Map, and a search bar. The main content area displays a dark-themed map of Germany with several orange diamond-shaped markers indicating research objects. A tooltip is visible over one of the markers, displaying the text: "TU Clausthal, Fakultät für Bergbau, Hüttenwesen und Maschinenwesen, Institut für Bergbaukunde und Bergwirtschaftslehre". The map includes standard navigation controls like zoom in (+) and zoom out (-) buttons, and a layer selector icon in the top right corner. The footer of the map area contains the text "Leaflet | Map data © OpenStreetMap contributors, Imagery © Mapbox".

Next Steps

- ORCID authentication
- Connection of data sources
- Publicly visible prototype (with little data) to identify user needs

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Lab Offene Forschungsinformationen:

<https://projects.tib.eu/openresearchinformation/>

Image sources

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