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DARIAH-DE
de.dariah.eu

Building a Distributed Data Repository for a Digital Humanities Network
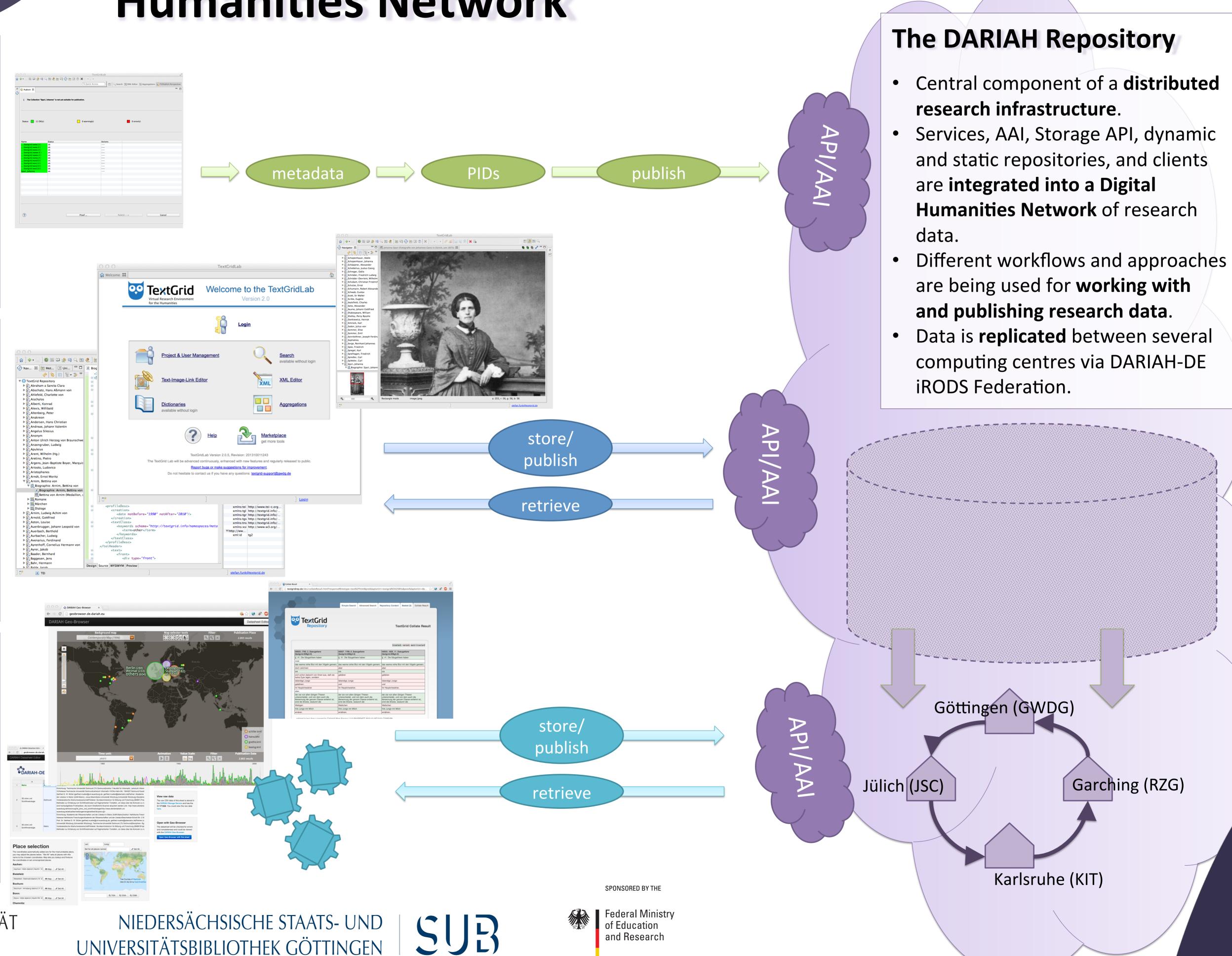
Publish Research Data

DARIAH users can publish their research data collections using a **Publish GUI** and keep their data publicly available, accessible for the long-term, and citable. Once registered in the **Collection Registry**, the **Generic Search** provides access to the data to be used by everyone.

Virtual Research Environment

The **TextGrid VRE** supports collaborative work with the **TextGridLab** and provides dynamic storage for data to be worked with and updated, optionally secured by **AAI** and bitstream preserved. Data collections can also be published using the **TG-publish GUI** or **TG-import** tool.

Services using the Repository

Published data and dynamic storage can now be used from a bunch of DARIAH and TextGrid services, such as the **Datasheet Editor** for feeding the DARIAH **Geo-Browser** with structured data to visualize spatio-temporal data on various maps.

metadata → PIDs → publish → API/AAI

store/publish
retrieve
API/AAI

store/publish
retrieve
API/AAI

The DARIAH Repository

- Central component of a **distributed research infrastructure**.
- Services, AAI, Storage API, dynamic and static repositories, and clients are **integrated into a Digital Humanities Network** of research data.
- Different workflows and approaches are being used for **working with and publishing research data**.
- Data is **replicated** between several computing centres via DARIAH-DE iRODS Federation.

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