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.

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.