

# Terminology Services for the German National Research Data Infrastructure



<https://base4nfdi.de/projects/ts4nfdi>

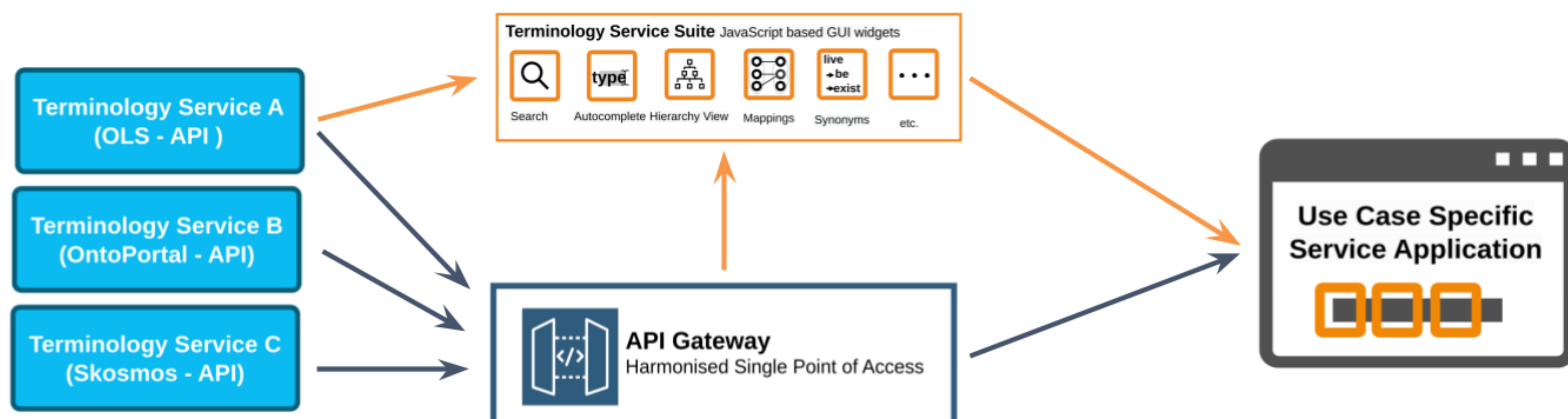


## Vision

- Aims to facilitate **consensus-building** and **interoperability** of services **across disciplines** to achieve a **shared knowledge representation**
- Provide a **harmonized** and **centralized single point of access** to (NFDI) **terminology services**
- **cross-domain service** for the provision, curation, development, harmonization and mapping of terminologies

## What does TS4NFDI want to solve?

1. **simplified integration:** direct integration of terminologies to web services through widgets



2. **simplified access:** provides a single API for multiple terminology services

## Persona Impressions



I am a **research software engineer**. Building a web-based annotation service for research data is challenging when curators use different terms for the same thing, and I have to map these different terms from multiple sources. With TS4NFDI's single-point-of-access API Gateway and easy-to-integrate Terminology Service Suite widgets, I can seamlessly integrate standardized terminologies into my web-based annotation service, making my tools more efficient and ensuring smooth data interoperability.

I am a **biomedical researcher**. Working with research data is frustrating when every source uses different terms, and I'm never sure which one are related to each other. TS4NFDI helps me by providing a harmonized access to terminologies and their relationship to each other. In this way I can keep my research accurate and consistent without wasting time identifying the right terms.

