

TDS-Curator

 **DANS**



MPI for Psycholinguistics

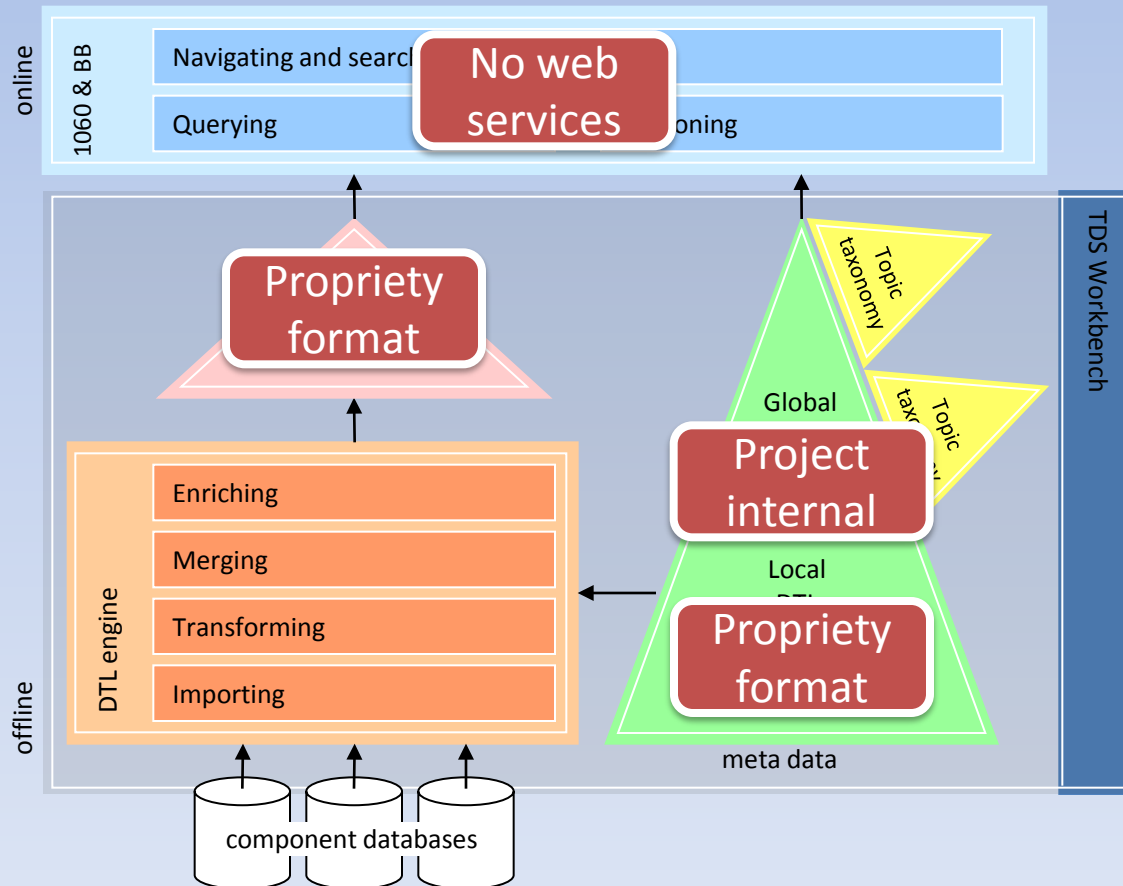


Utrecht Institute of Linguistics OTS

TDS Curator goal

The Typological Database System (TDS) currently provides **integrated access** to multiple independently developed **typological databases** through a common **web interface**. While the system is currently **operational**, TDS Curator will **make the TDS into a sustainable service that conforms to CLARIN infrastructural requirements**.

Current TDS architecture





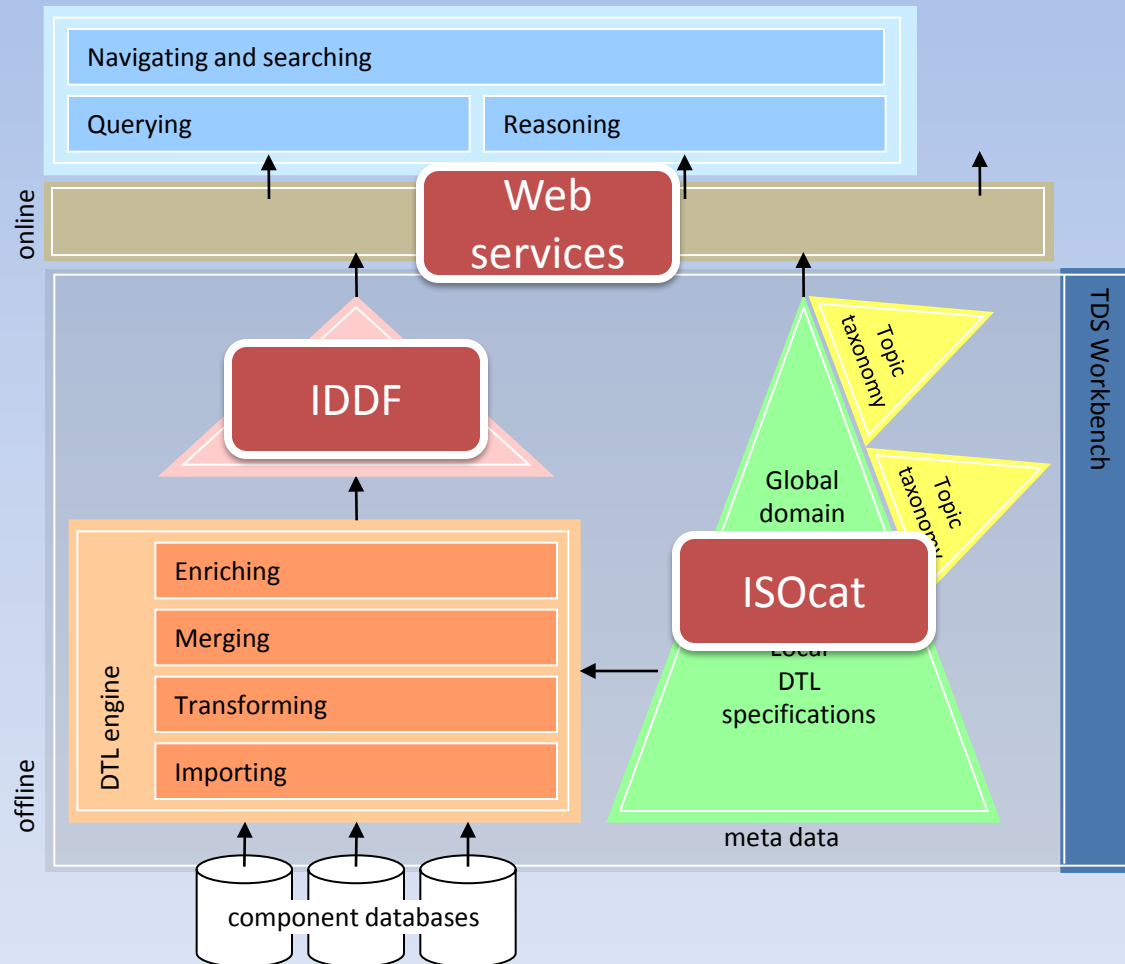
Integrated Data and Documentation Format (IDDF)

- No open/standard data format that is semantically rich enough to replace the TDS propriety format
 - CSV: too generic, one table only
 - SQL: too generic, only data no documentation
 - XML: too generic, which vocabulary?
 - Data focus: CSV XML-derivative, SQL dump XML-derivative, ...
 - Model focus: CSDL derivative, ...
 - Documentation focus: ODD derivative, ...
- IDDF:
 - Data: semi-structured hierarchical units
 - Documentation: extensive documentation of data elements and values
 - Model: network close to the conceptual schema

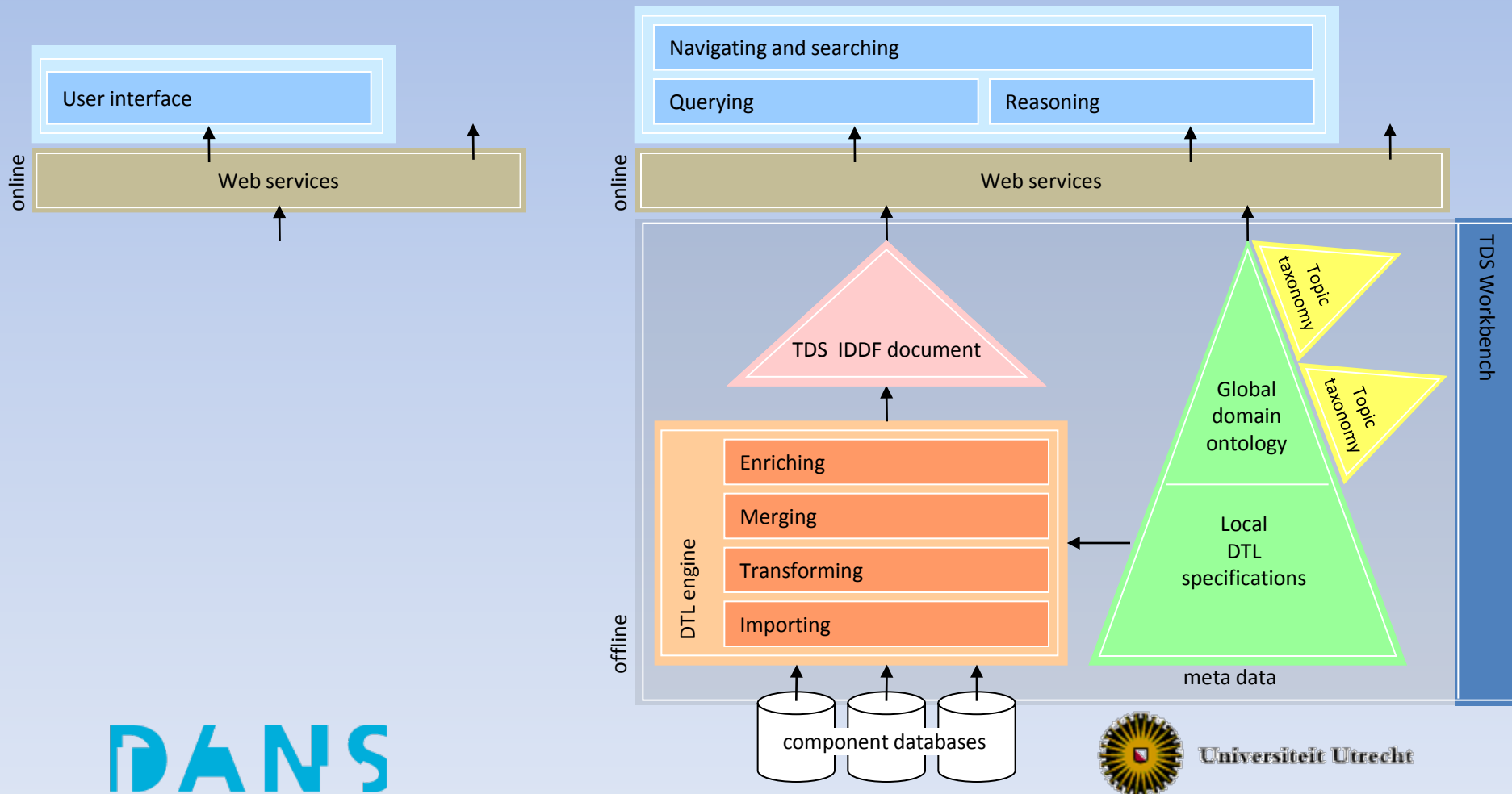
Work packages

- Core component: TDS-IDDF
- Core component: TDS-WS
- Application: TDS-GUI
- Documentation & reporting
- Hosting at CLARIN centre: DANS
- Relationship with ISOcat

TDS-Curator architecture



TDS-Curator architecture



Planning

- Due to obligations TDS Curator starts later
- Kickstart: April - May
- Core development: June – November