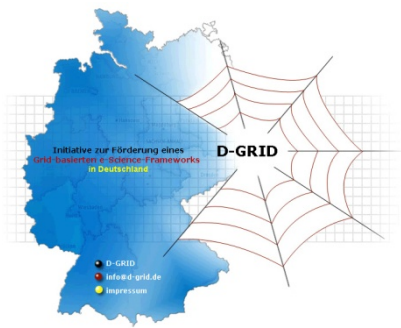


iRODS as Future Data Grid Backend for TextGrid ?



**Modular platform for collaborative textual editing
Creating a community grid for the humanities**

<http://www.textgrid.de>



GEFÖRDERT VOM



Bundesministerium
für Bildung
und Forschung

TextGrid – the Project

- First Grid community project in the Arts and Humanities in Germany
- Collaborative project of eight academic and commercial partners
- Involves Arts and Humanities scholars, IT professionals and information specialists
- Part of the German D-Grid initiative
- Funded by the German Ministry of Education and Research (BMBF) with € 1.74 Mio plus an additional investment of € 600,000 for grid storage

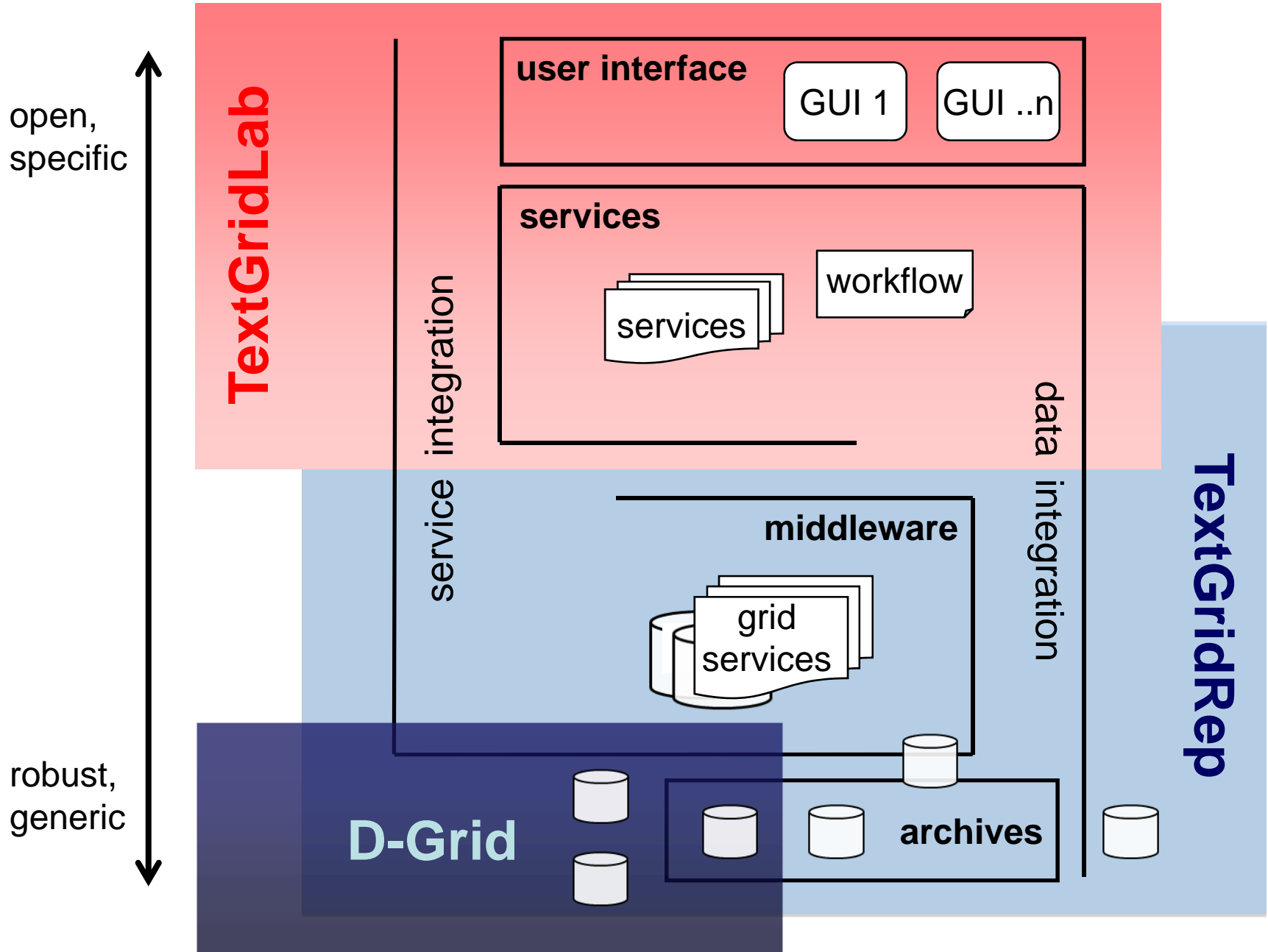
Goals

- Establish a ***virtual research infrastructure*** for the Arts and Humanities
 - Provide a ***Service Grid*** (i.e. a virtual research environment for collaborative work with distributed resources)
 - Build up a ***Data Grid*** (a virtual archive for long-term data preservation)
 - Interconnect Arts and Humanities scholars, IT professionals and information specialists
- **Contribute to the preservation and the keeping alive of our Cultural Heritage**

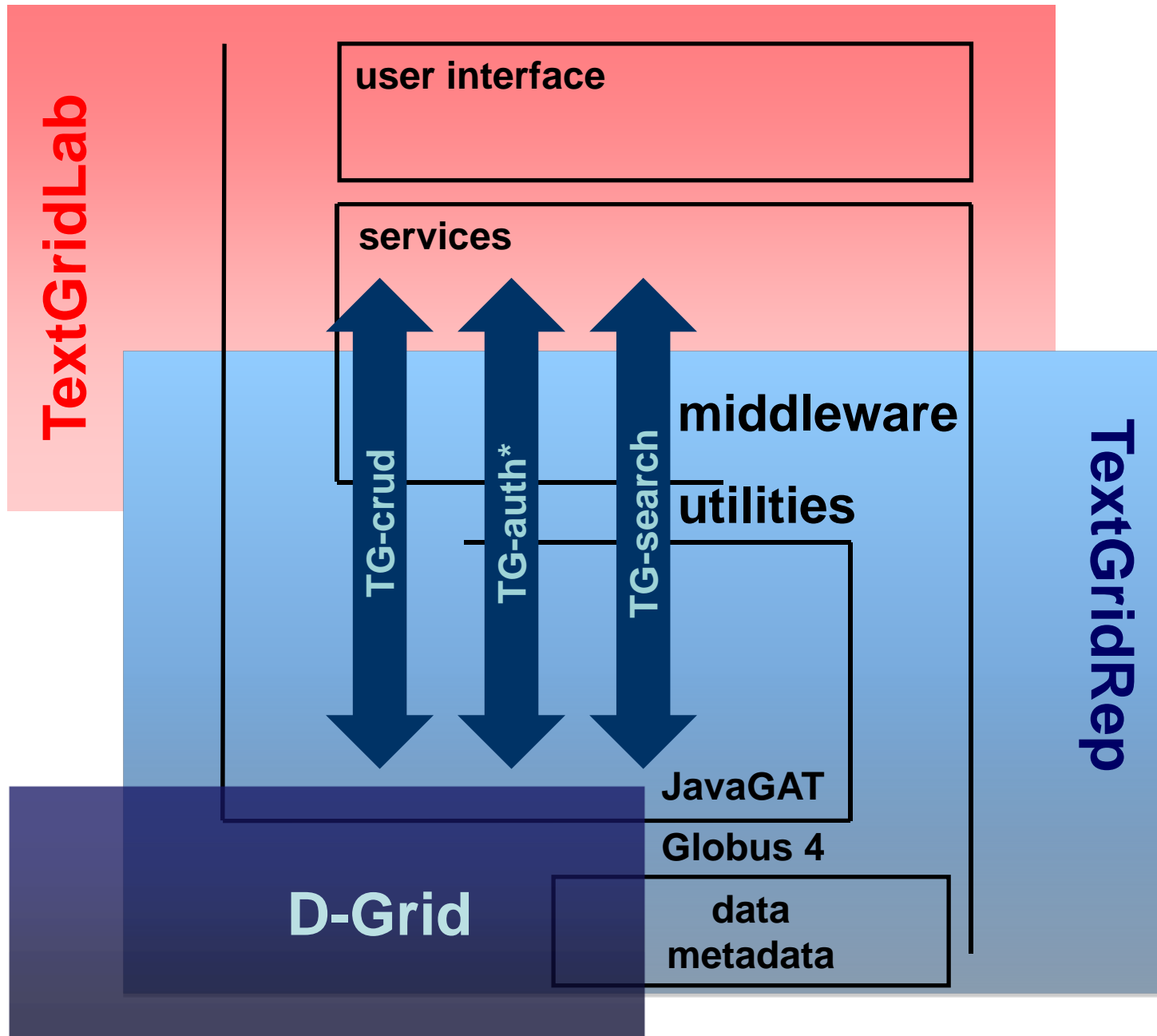
Prospects

- Foster new, cooperative forms of e-Research in the Arts and Humanities
- Be integral part of a national e-Humanities initiative
- Develop generic Grid services that can be used by other Grid communities
- Collaborate with international e-Humanities and e-Research initiatives (DARIAH, eAQUA, CLARIN, DRIVER, Interedition, SHAMAN etc.)

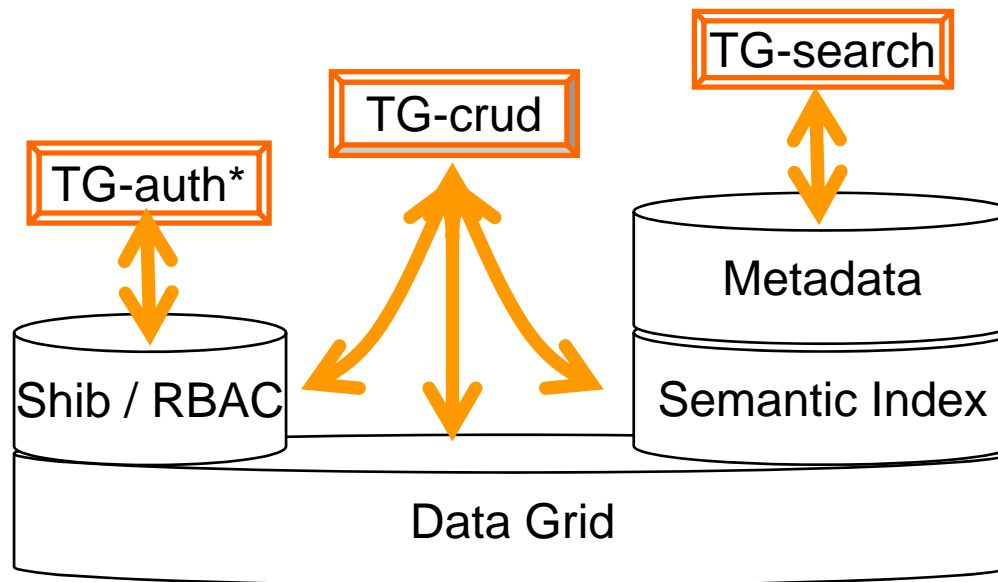
The Architecture – horizontal layers



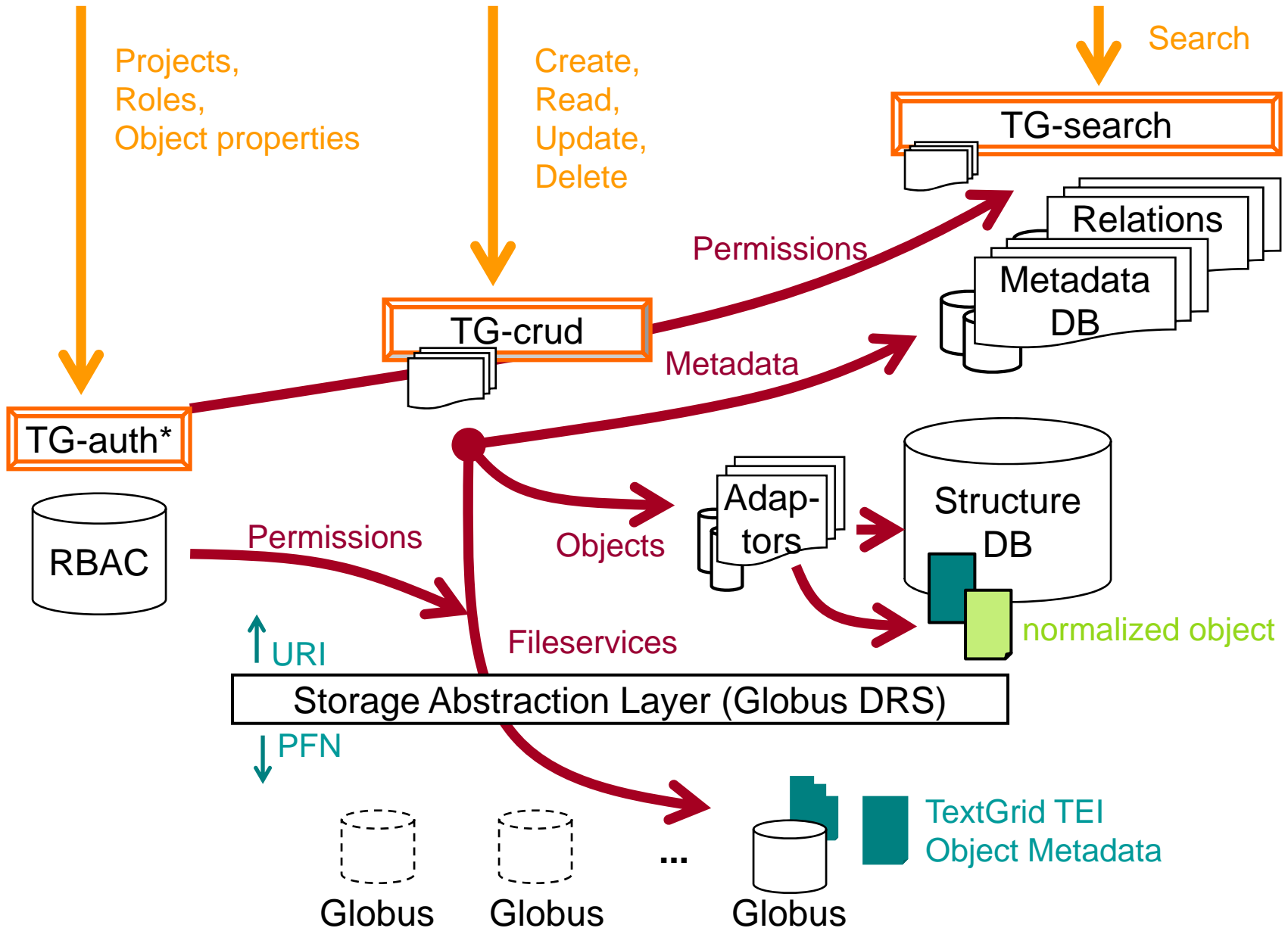
Connecting the layers: The TG-utilities



The TextGrid Utilities – Slightly Simplified

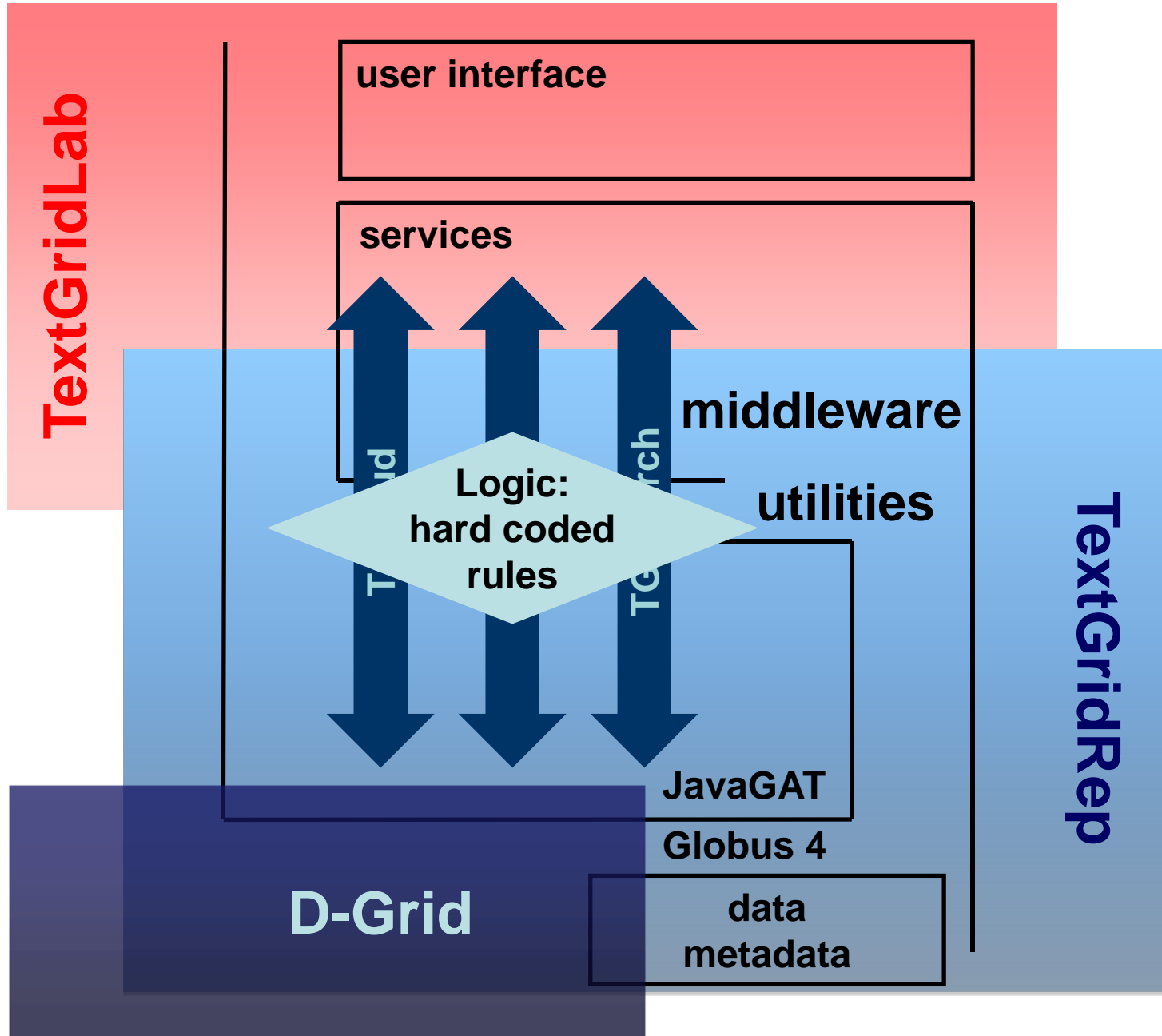


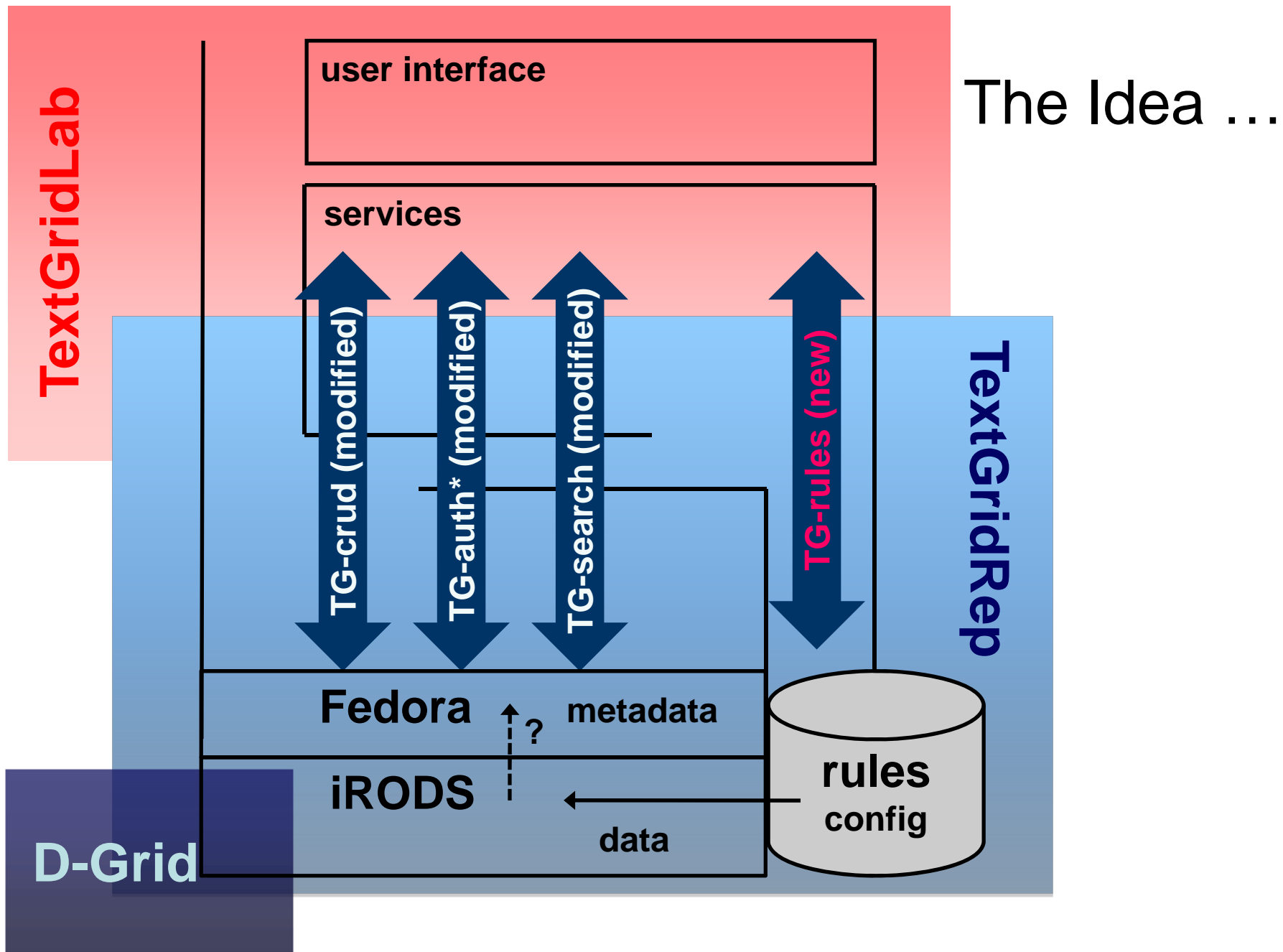
The TextGrid Utilities – Some More Details





Too much logic in the middleware?







- Good idea?
- Other solutions?
- ...