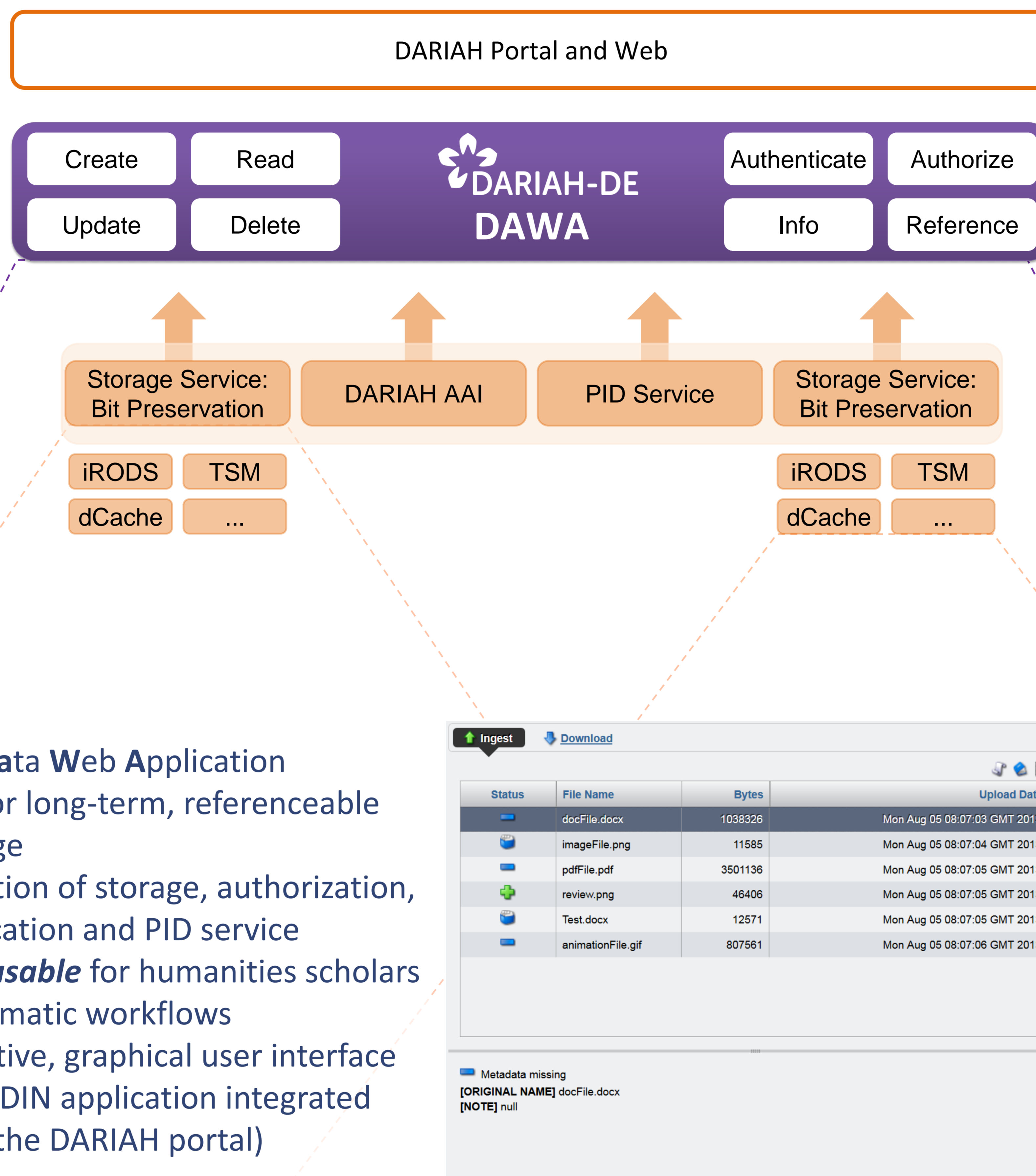


DARIAH – A European Research Infrastructure

Danah Tonne

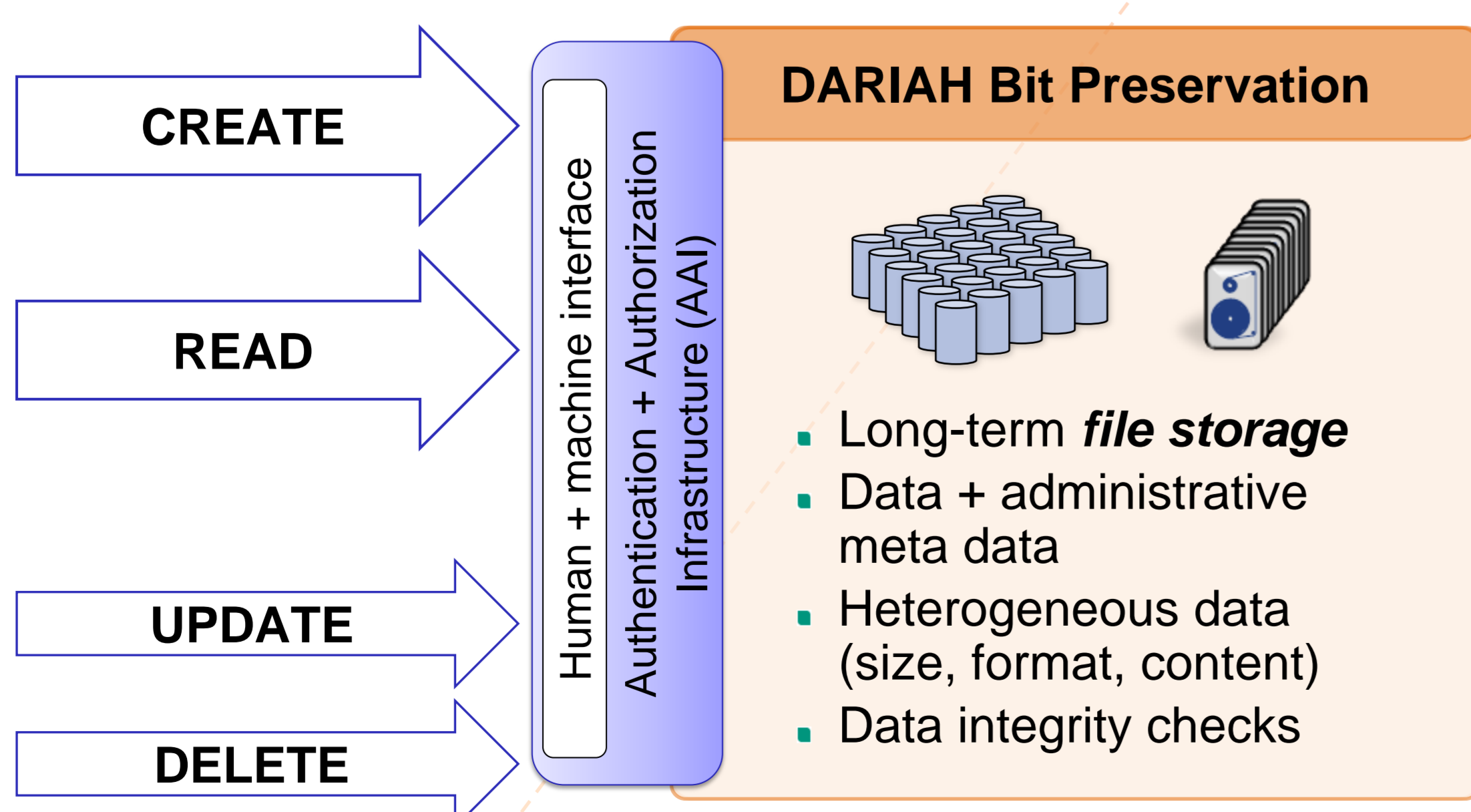


- ESFRI (European Strategy Forum on Research Infrastructures) project for the arts and humanities
- Scope: build-up of a sustainable research infrastructure, enhancement of digital research methods, access to digital research data in Europe, support of scholars
- Participants: archaeology, musicology, Jewish Studies, history, philology, art history, philosophy, literary studies, ... + computer science + data centers



- DAWA: **Data Web Application**
- Service for long-term, referenceable file storage
- Combination of storage, authorization, authentication and PID service
- **Directly usable** for humanities scholars
 - Automatic workflows
 - Intuitive, graphical user interface (VAADIN application integrated into the DARIAH portal)

The DARIAH Bit Preservation aims to design and implement a system for a sustainable, safe and persistent storage of research data.



- Deployed at KIT, FZJ, GWDG and RZG
- Standardized interface (REST, HTTP)
- Protected by a Shibboleth Service Provider
- Authorization scheme "OwnStorage" (only the owner can read, modify, delete)
- Independent from storage backend

- Current topic **data migration** – use case "Virtual Scriptorium" with ~ 5 TB
- Existing adapters: iRODS, hard drive, dCache

