

# Storage Infrastructure of the Virtual Scriptorium St. Matthias

## Virtual Scriptorium St. Matthias

- Virtual reconstruction of the mediaeval library of the Benedictine abbey of St. Matthias in Trier
- Digitization of 500 codices, 800 – 1600 AD, e.g.:
  - “Trierer Apokalypse”
  - “Liber promissionum et praedictorum Dei” by the Carthagian bishop Quodvultdeus (719 AD)
  - Illustrated edition of the fables of Aesop
  - Manuscripts by Hildegard von Bingen



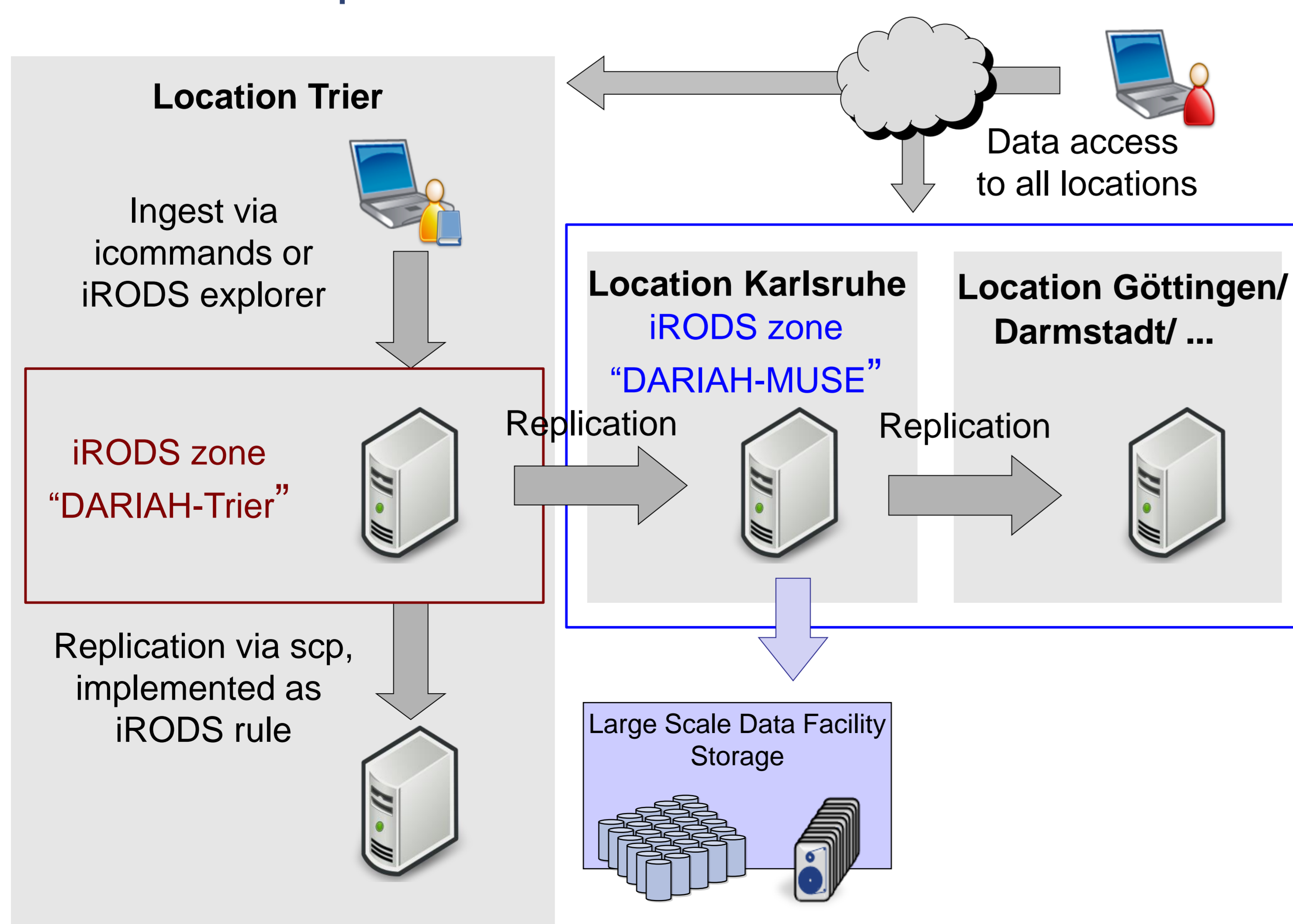
Public Library and  
Archive of Trier,  
Hs. 31 8°, 2v-3r



[www.stmatthias.uni-trier.de](http://www.stmatthias.uni-trier.de)

## Objective: provision of a federated data infrastructure

- Facilitate world-wide data access
- Provide safe and sustainable storage including integrity checks
- Allow data replication to various locations



## Location Trier

- Digitization, 1 million files
- Preprocessing and meta data enrichment, online edition
- Data ingest into Tier 0 “DARIAH Trier”
- Data replication to local computing center and to Karlsruhe

## Location Karlsruhe

- Tier 1 data center “DARIAH-MUSE”
- Storage in the Large Scale Data Facility
- Bit Preservation
- Provides world-wide access

## Location Göttingen/Darmstadt

- Tier 2 replicates data for daily use and fast access