#### Lehrstuhl für Systeme und Informationsverwaltung

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### Praxis der Softwareentwicklung (PSE) WS 2012/2013

Visualizing and Statistically Analyzing Access Behavior to Scientific Databases

# Design



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### 1 Architecture

### 1.1 4-tier architecture



- 2 Classes
- 2.1 Class diagram
- 2.2 Class descriptions



## 3 Data warehouse design

- 3.1 Overview
- 3.2 Dimension descriptions
- 3.3 Measure descriptions
- 3.4 Type description

As Type depends which data base is operated, it may get it's own subsection.



## 4 Sequences



### **5 Other data**

- 5.1 Static data
- **5.2 Dynamic data**
- 5.3 Extern data



### **6 Libraries**