

Databases 1

706.045

Lecturers: Ao.Univ.-Prof. Dipl.-Ing. Dr.techn. Nikolai Scerbakov

Organisation: Institute of Information Systems and Computer Media
Graz University of Technology
A-8010 Graz, Austria

Content: 1. Introduction to Structured Data-Management (Well-Structured Data, Ill-structured Data, separating structure and content). 2. Conventional Data Models (Relational, Network and Object-Oriented) 3. Deductive Data Models 4. Functional Data Models 5. Semantic Data Models 6. Hypermedia Data Models 7. Document Management

Objectives: The course provides students with a theoretical background and practical knowledge on modern Structured Data-Management Systems from Databases to Hypermedia and document management systems.

Recommended courses:

- Databases 1
- Databases 2