

Distributed Systems Part II:

Distributed Transactional Systems

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Outline

- (6) Introduction
- (7) Distributed Systems Architectures
- (8) Transaction Model
- (9) Distributed Concurrency Control
- (10) Reliability
- (11) Replication
- (12) Modeling and Analysis of Distributed Applications

Organization

- Time and location:
 - Course: Monday, 10:00 - 12:00 c.t., Hörsaal 101-010-010/014
Friday, 14:00 - 16:00 c.t., Hörsaal 101-01-016, every two weeks
 - Exercises: Friday, 14:00 - 16:00 c.t., Hörsaal 101-01-016, every two weeks
- Final examination is oral for B.Sc. and written for M.Sc.
- For participation at the exam registration at the Prüfungsamt is mandatory - there are no further prerequisites.

All material about lectures and exercises can be found at the web page for Part 1 of the course!

Literature:

- G. Weikum, G. Vossen. *Transactional Information Systems*. Morgan Kaufmann, 2002.
- M.T. Özsu, P. Valduriez. *Principles of Distributed Database Systems*. Springer Verlag, 2001, 3Ed.