Große Übung Computer Networks

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1: Announcements / Orga

Communication

- consultation hours: On appointment via e-mail
- mailing list: inter-student discussions, announcements

Exam

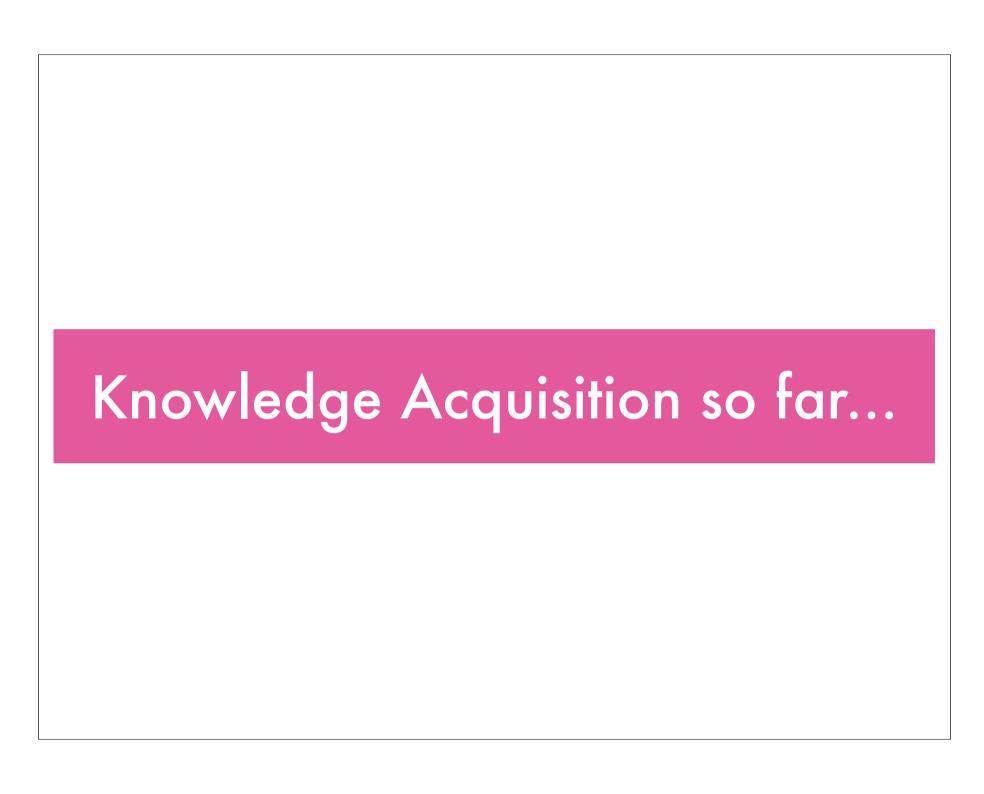
- German XOR English
- old exams available
- relevant topics: everyting of lecture AND übung

Exam Relevance

- the slides + the lecture define the relevant material
- most certainly, they are not enough for understanding
- THUS: auxilliary reading is REQUIRED

Übung

- weekly exercise sheet (Friday to Friday)
- interactively solved in Übung
- solutions will not be available
- THUS: attendance is a wise thing to do
- BETTER: prepare and ask



Chapter 1: some Questions

- 1. What is a Computer Network
 - a. as opposed to a BUS?
 - b. as opposed to a Terminal Network?
- 2. What groups of standardization organizations exist?
- 3. Why is standardization especially relevant for Computer Networks?
- 4. How and why can a communication system be structured into layers?
- 5. Draw and label a picture of three nodes running an ISO/OSI stack (a-b-c) and fully explain the consequences of an e-mail sent from a to c!
- 6. Explain the following words: layer, protocol, service, service primitive!
- 7. Draw and label of an ISO/OSI stack side-by-side to a TCP/IP stack such that corresponding layers are on the same level. Describe similarities and difference.
- 8. Discuss the differences between OSI and IP, both of the reference model and the actual protocols.

Chapter 1: Literature

- Tanenbaum Chapter 1.3, 1.4
- You are not required to "learn" stuff not contained in the lecture. The reading is rather to understand the lecture.