

Databases, Practical Lab Course, Summer 2006

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Today's agenda

- ▶ Introduction
- ▶ Who is who
- ▶ Break

- ▶ Practical part
 - ▶ Register teams
 - ▶ Introduction into the lab environment
 - ▶ First practical assignment
 - ▶ Completion check (“Abnahme”)

Goals

- ▶ Apply the relational model in a practical context
- ▶ Gather experience with a widely known commercial database system
- ▶ Step-by-step development of an example database application (prototype)

Running task: „Distributed DVD library”

Procedure

- ▶ 10 lab dates, 3 hours each, one per week
- ▶ Weekly, new material on the course web site:
`http://www.is.informatik.uni-duisburg.de/courses/dbp_ss06/index.html`
- ▶ Before each lab date:
 - ▶ print and read the current week's material
 - ▶ solve the preparatory assignments (homework, assignments of type V)
- ▶ During each lab date:
 - ▶ discuss the homework
 - ▶ solve the practical assignments (type P)
 - ▶ completion check
- ▶ If you have finished all assignments of the day, take care that the tutor *signs* your assignment sheet!

Written exam or “Schein”

- ▶ AOS: Bonuspoints for the written exam
⇒ 1 exam point per completed and certified lab day, at most 10
- ▶ ISE: certificate of participation, no grade
- ▶ All: certification about this lab
⇒ if you have successfully attended at least 8 lab days

Team work

- ▶ Please form teams of 2 persons
 - ▶ register your team today, after the break
 - ▶ teams are valid for the entire semester
- ▶ Each person in your team should be able to explain *all* your solutions
- ▶ Each person in your team should be able to demonstrate the practical solutions at a lab computer

Requirements

- ▶ Be present and prepared
- ▶ Participate actively
- ▶ Document your results
- ▶ We expect you to solve *all* assignments!

- ▶ If you cannot attend on a date:
 - ▶ You may miss at most 2 dates
 - ▶ Before the next lab day, bring yourself up-to-date
 - ▶ No team? ⇒ Solve the missing tasks as well

Weekly lab days

- ▶ Group 1: Monday, 10:15 to 12:45 h
- ▶ Group 2: Tuesday, 12:15 to 14:45 h
- ▶ Group 3: Thursday, 10:15 to 12:45 h

- ▶ Additional opportunity: Wednesday, 11:15 to 13:45 h
⇒ for completing assignments and compensating for missing attendance

- ▶ New material on the course web site:
⇒ each Wednesday

Who is who?

- ▶ First name, family name?
- ▶ Course of studies?
- ▶ Do you understand German?
- ▶ Which were your reasons to choose this lab course?
- ▶ Do you have any previous practical experience with databases?
Which ones?
- ▶ Do you have any programming experience? Which languages?

Break

Afterwards:

- ▶ Register your team
- ▶ Introduction into the lab environment
- ▶ First practical assignments
- ▶ Completion check

Practical part

- ▶ One account per team
- ▶ Please make sure to remember your login data
- ▶ Material:
print, read, and solve at home; bring results to the lab date
- ▶ Before leaving:
 - ▶ **Wait for the tutor to check and sign your completed assignments**
 - ▶ **Log out**