

Praktikum Entwicklung Mediensysteme

Organisatorisches



Today

- Schedule
- Organizational Stuff
- Introduction to Android
- Exercise 1

Schedule

- Phase 1 – Individual Phase:
 - Introduction to basics about Android
 - Exercises 1 and 2 (+1 advanced exercise for Master students)
 - Each student works on exercises himself/herself
 - Weekly meetings
- Phase 2 – Concept Phase:
 - Concept development for an application around a specific topic
 - Topic: ???
- Phase 3 – Implementation Phase
 - Regular Milestone Meetings
- Phase 4 – Deployment Phase
 - Deploy your application on the Android Market
 - Fame and Glory



Overall Topic: ?????

- Will be unveiled later

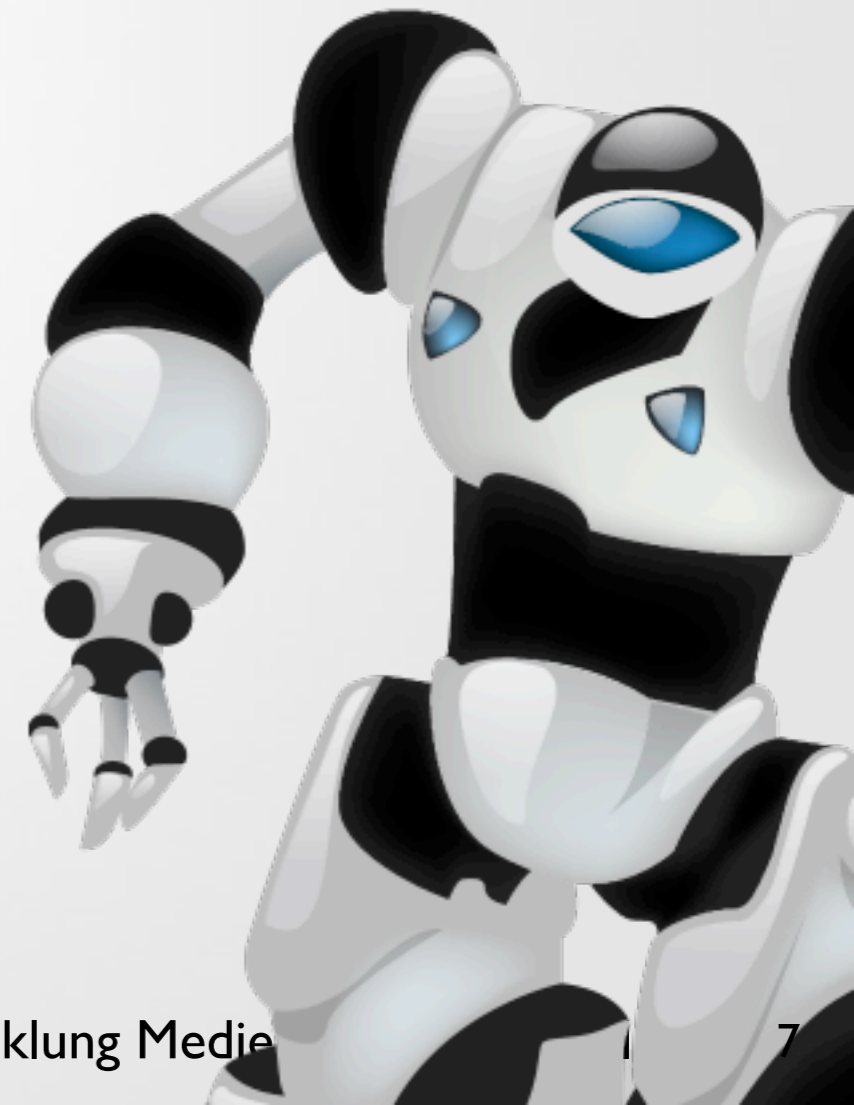
Organizational Stuff I

- 6 ECTS-Credits
- Weekly Meetings
 - Wednesday 16 Uhr c.t.
 - Room 107, Amalienstr. 17
 - some meetings will be held in the backyard building
- Homepage
 - <http://www.medien.ifi.lmu.de/pem>

Getting Credits/Grade

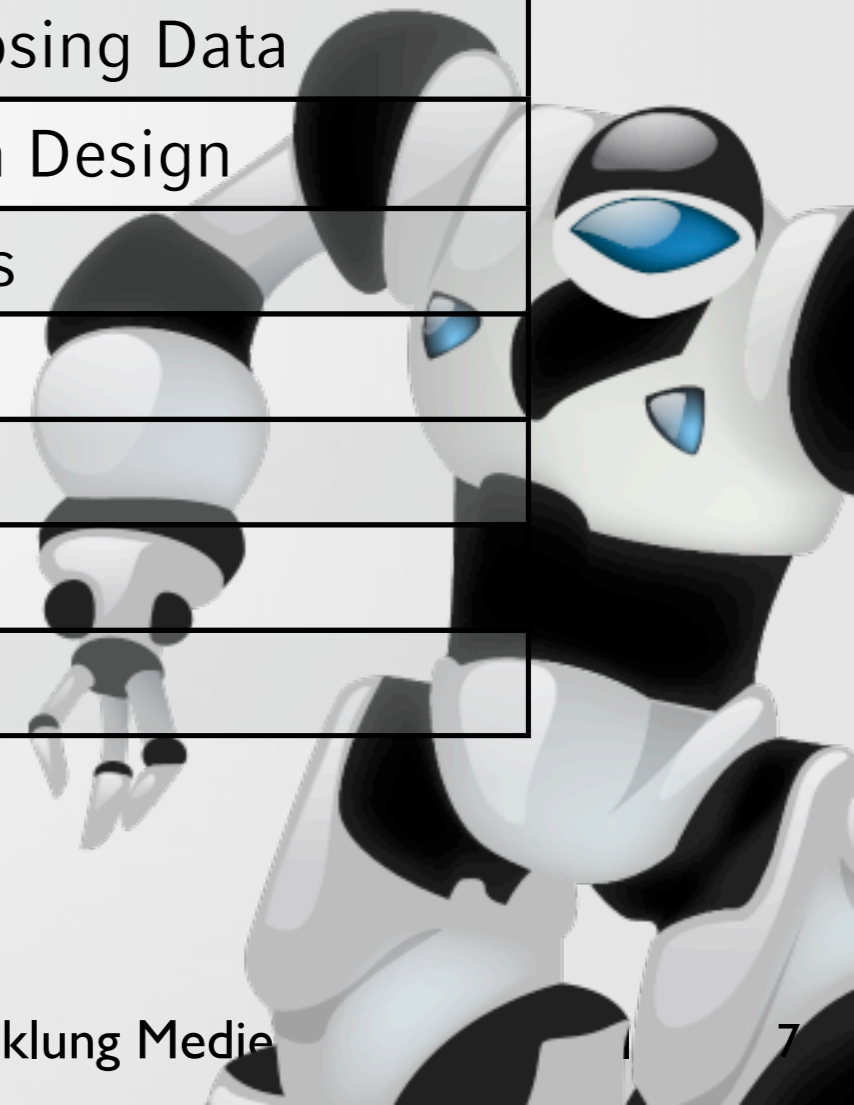
- Presence throughout the course
- „Pass“ all exercises
- Grade is derived from:
 - Single Exercises
 - Exercise sheets
 - Presentations (Everyone needs to present at least once)
 - Grouprating
 - Project
 - Project presentation

Timeline



Timeline

Date	Topic/Activity
19.10.	Introduction and Overview of the Android Platform
	Implementing a User Interface
02.11.	Storing, Retrieving and Exposing Data
09.11.	Brainstorming, Application Design
16.11.	Project Phase Starts
07.12.	Milestone 1
21.12.	Milestone 2
18.01.	Milestone 3
01.02.	Final Presentation



Organizational Stuff II

- Students work in teams
- SVN accounts for each team
 - <https://tracsvn.medien.ifi.lmu.de/repos/pem-ss11-teamX>
 - Außerdem steht ein Bugtracksystem zur Verfügung:
<https://tracsvn.medien.ifi.lmu.de/proj/pem-ss11-teamX>
- Students check their exercises in with their group's SVN repository

Teams

- **Team 1:** Christine Wagner, Bertram Schmitt, Eva Nießner, André Ebert
- **Team 2:** Shaonan Zhang, Stephan Baier, Bernhard Seltl, Christian Frey
- **Team 3:** Sabine Schön, Alexander Oschatz, Frederik Brudy, Tanja Neumayer
- **Team 4:** Zorig Dorj, Sarah Thiel, Verena Lerch, Benjamin Maldoner

Technology – SVN



Technology – SVN I

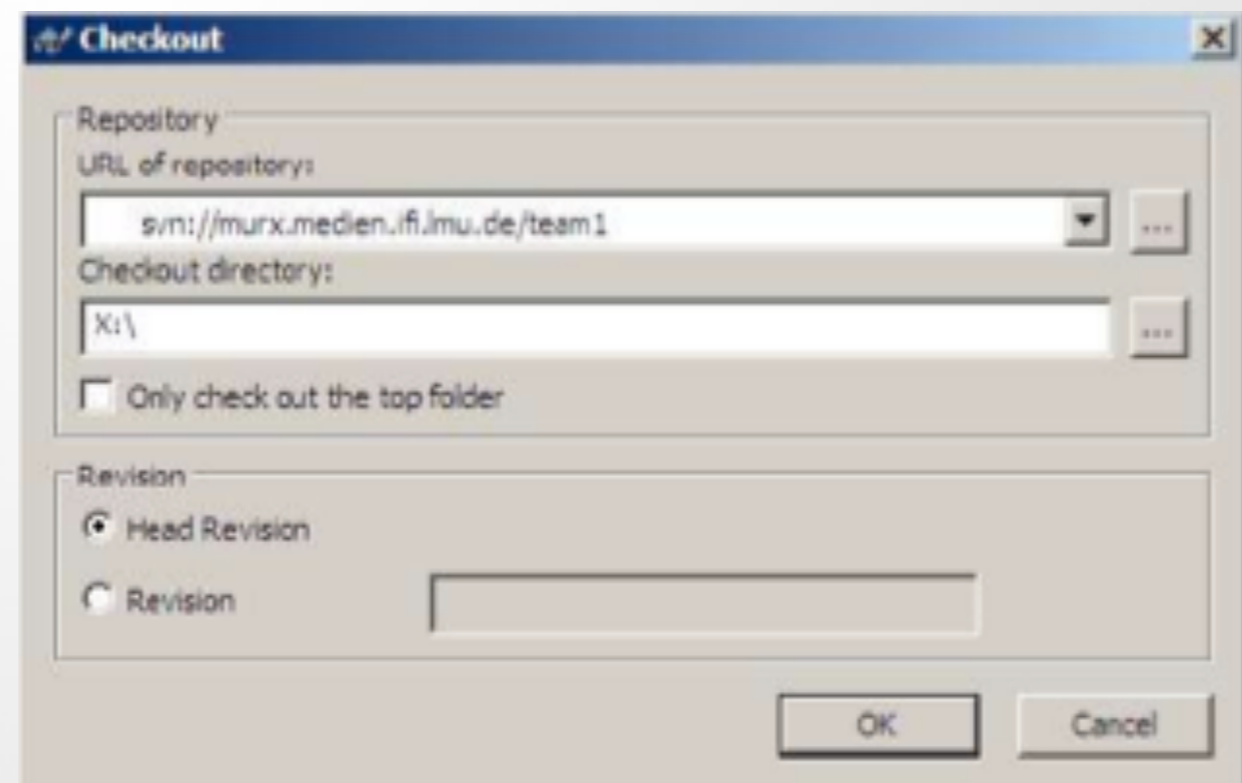
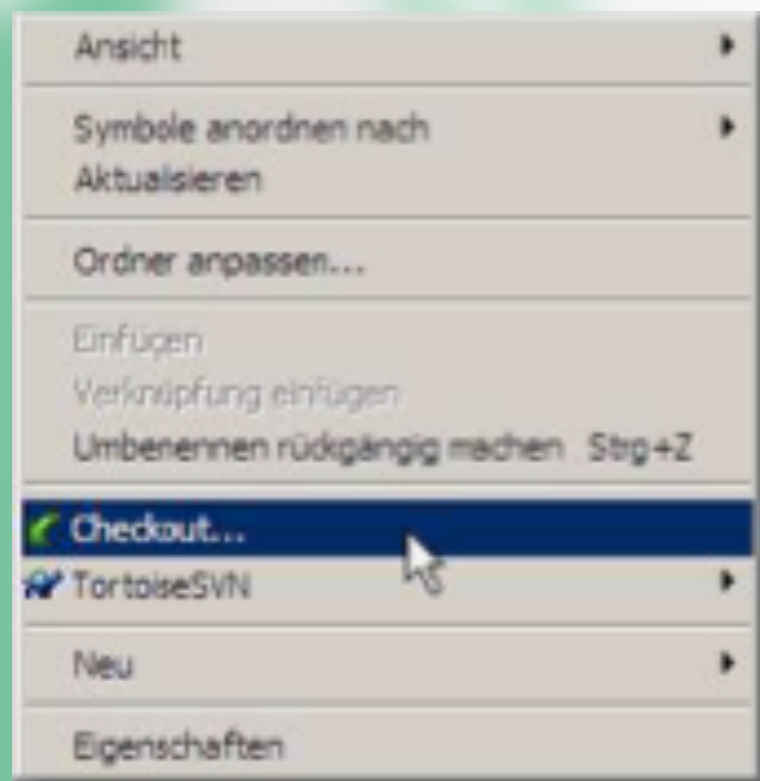


- SVN - General
 - Version control system
 - Enables collective editing of shared source code
 - Data stored in a „Repository“ which is accessed over the network
 - Editing on local copies of the files
 - Old version available on the server
 - When possible, files will be merged automatically when edited by multiple users at the same time
 - Similar to CVS

Technology – SVN II



- SVN – First Steps (using Tortoise SVN)
 1. Download a SVN Client like Tortoise SVN for Windows <http://tortoisesvn.net/>
 2. Checkout your team repository (creates a local copy of the repository)
Create an empty folder, open it, right-click and choose „Checkout“.



Technology – SVN III



- SVN – First Steps (using Tortoise SVN)
 3. Each time you start working perform the “Update” command.
 4. Each time you’re done working perform a “Commit”. Both commands are located in the right-click menu.
 5. Further functionalities are available in the right-click menu like “delete”, “rename” and more.

Attention: Do not use the OS-functionalities for this functions. And do not touch the hidden .svn-Folders, especially do not copy an svn-folder (use Export-Command).

For further Information read the German SVN introduction by Richard Atterer, which can be found here: http://www.medien.ifi.lmu.de/fileadmin/mimuc/mmp_ss04/Projektaufgabe/mmp-subversion.pdf

Fragen?

