Introduction

Introduction to Android Smartphone Programming

University of Freiburg

Matthias Keil Institute for Computer Science Faculty of Engineering University of Freiburg

October 25, 2012

UNI FREIBURG

1 General Information

- 2 Organizational Matters
- 3 Submissions







Introduction to Android Smartphone Programming

- ESE Bachelor Projekt (5 ECTS)
- Informatik Bachelor Projekt (6 ECTS)
 - Additional project
- Informatik Master Praktikum (6 ECTS)
 - Additional project









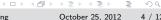
- Six exercise sheets (5 ECTS)
 - 1-2 topics per exercise sheets
 - 2-3 weeks time to work per exercise sheets
- Project (+1 ECTS)
 - 2-3 weeks time to work

Tasks

- Solve exercise sheets
 - Programming tasks
 - Comments
 - Report
- Additional project









- Thursday, 12pm 14pm
- room 00-007, building 106
- Meeting weeks
 - Discussion of the last exercise sheet
 - Introduction/ presentation of the next exercise sheet
- Free weeks
 - Free time to work
 - Consultation-hour
- Class attendance is not mandatory
- No weekly meeting
- Weekly room reservation
 - Time for free work





Assistant / Tutor

Matthias Keil

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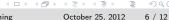
Thomas Vogel

Email vogelt@informatik.uni-freiburg.de

Webpage proglang/teaching/androidpracticum/ Forum proglang/forum/









Questions?





Organizational Matters

Attendance University of Freiburg



Attendance?





Organizational Matters Registration of Participants

University of Freiburg

Email to Matthias Keil

- name, prename
- email address
- tf username
- study program



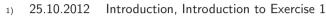




Organizational Matters

Timetable

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Christmas break

01.11.2012 All Saints' Day 2)

Submission of Exercise 1/ Introduction to Exercise 2

- 08.11.2012 3)
- 15.11.2012 4)
- 22.11.2012 5)
- 29.11.2012 6)
- 06.12.2012 7)
- 13.12.2012 8)
- 20.12.2012
- 9) 27.12.2012 10)
- Christmas break
- 03.01.2013 11)
- 10.01.2013 12)
- 17.01.2013 13)
- 24.01.2013 14)
- 31.01.2013
- 15)
- 07.02.2013 16)
- 14.02.2013 17)







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Exercise

- Eclipse Project for each exercise (e.g. exercise1_1)
- Use package names (e.g. androidlab.exercise1_1)
- Report with a description (e.g. report1_1pdf)
- One folder for each exercise
- Provide your source code with comments
 - Describe the intention

Deadline

- Deadline: 12 (noon)
- Submit your solution to the subversion repository





Timetable





Android Developers.

Activity Life Cycle.

http://developer.android.com/guide/topics/fundamentals/activities.html.



Android Developers.

Android Architecure.

http://developer.android.com/guide/basics/what-is-android.html.



Android Developers.

Interacting Using Intents.

http://developer.android.com/guide/topics/fundamentals/activities.html.



