

# 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



## Meetings

- *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

**Address** Room 00-013, building 079

**Email** keilr@informatik.uni-freiburg.de

**Phone** +49 (0)761 203 8060

### Thomas Vogel

**Email** vogelt@informatik.uni-freiburg.de

**Webpage** [proglang/teaching/androidpracticum/](http://proglang/teaching/androidpracticum/)

**Forum** [proglang/forum/](http://proglang/forum/)





Questions ?



# Organizational Matters

## Attendance

University of Freiburg



UNI  
FREIBURG

Attendance ?







## Email to Matthias Keil

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



# Organizational Matters

## Timetable

University of Freiburg



UNI  
FREIBURG

- 1) 25.10.2012 Introduction, Introduction to Exercise 1
- 2) 01.11.2012 *All Saints' Day*  
Submission of Exercise 1/ Introduction to Exercise 2
- 3) 08.11.2012
- 4) 15.11.2012
- 5) 22.11.2012
- 6) 29.11.2012
- 7) 06.12.2012
- 8) 13.12.2012
- 9) 20.12.2012
- 10) 27.12.2012 *Christmas break*
- 11) 03.01.2013 *Christmas break*
- 12) 10.01.2013
- 13) 17.01.2013
- 14) 24.01.2013
- 15) 31.01.2013
- 16) 07.02.2013
- 17) 14.02.2013



## 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\_1.pdf*)
- 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





## ANDROID DEVELOPERS.

Activity Life Cycle.

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



## ANDROID DEVELOPERS.

Android Architecture.

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



## ANDROID DEVELOPERS.

Interacting Using Intents.

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

