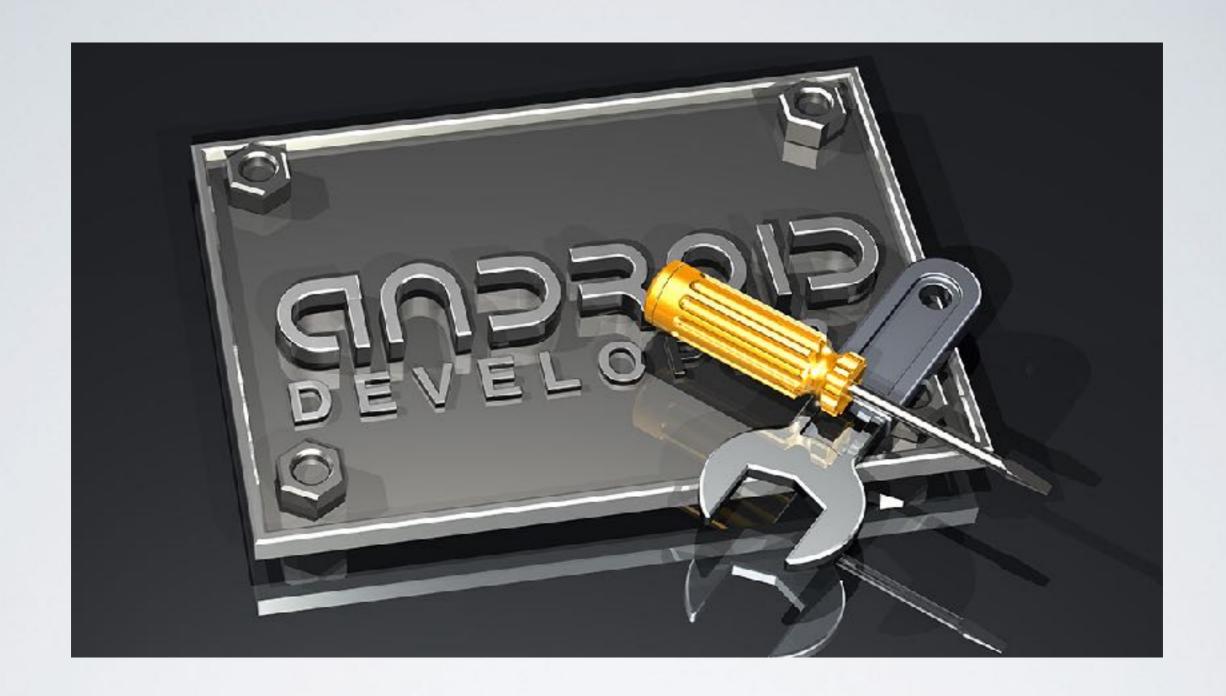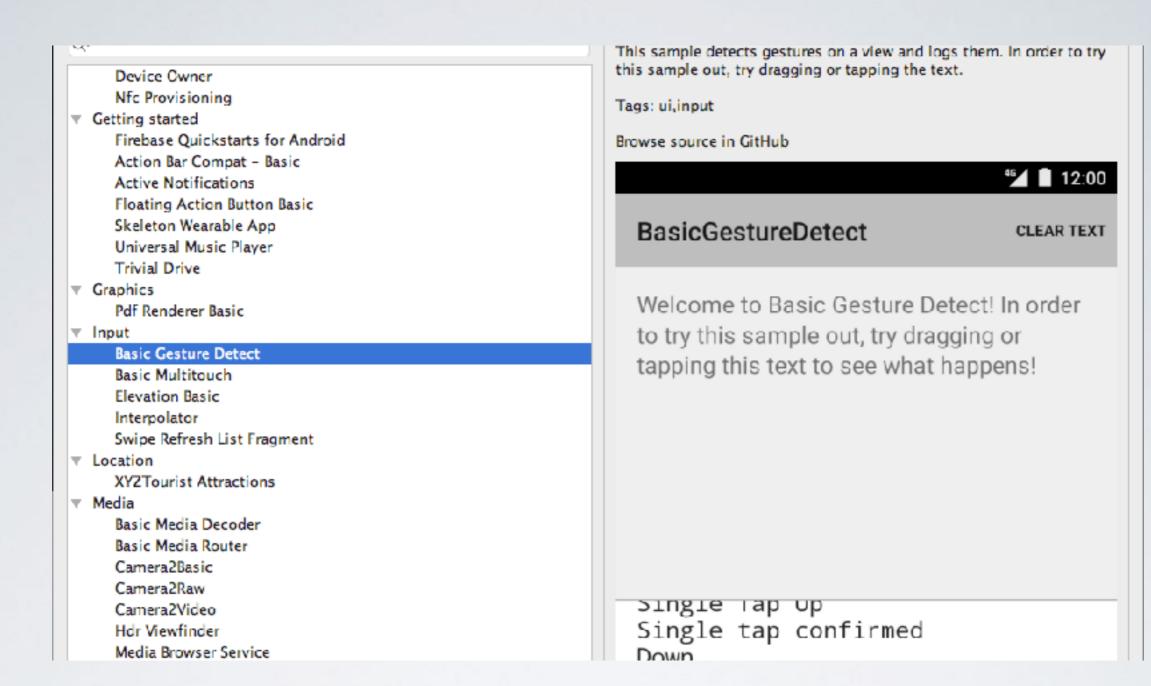# SOFTWARE ENGINEERING BASIC

Lecture 1
Homework

LAB 1

Port a Basic Gesture Detect Android sample to Scala
http://bit.ly/2gqR1pe

HOMEWORK 1

Port a Basic Gesture Detect Android sample to Scala

APPROACH

- Make sure you tweak the gradle build file in order to include necessary compilation plugins for scala

- Port one after another class to Scala (you can use IntelliJ for the "grunt" work)

- deploy to your mobile phone or emulator

APPROACH

- fork repository (https://github.com/googlesamples/android-BasicGestureDetect/) to your own repository on Github

- it has to be named "android-BasicGestureDetect"

- clone it to your local machine

APPROACH

- install patched scala-gradle plugin in your local environment (https://github.com/rladstaetter/gradle-android-scala-plugin)

- have a look at the Scala Port of the Basic Multitouch project and compare it to the original project from google samples

- tests don't need to be ported (just delete them)

DEADLINE

Deadline is 2.12.2016, 0.00h

AUTOMATED HOMEWORK EVALUATION

- Your github accounts will be scanned programmatically

- check if your fork exists

- check if certain aspects exists - like:

    - is there a scala plugin configured

    - exist certain files

- after deadline, all projects will be fetched automatically and tested

LINKS

- Original Basic Multitouch:

  - https://github.com/googlesamples/android-BasicMultitouch

- Scala Port:

  - https://github.com/rladstaetter/android-BasicMultitouch