

MBT DIT848/DAT261

Tutorial 1

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Goals of the Today's Session

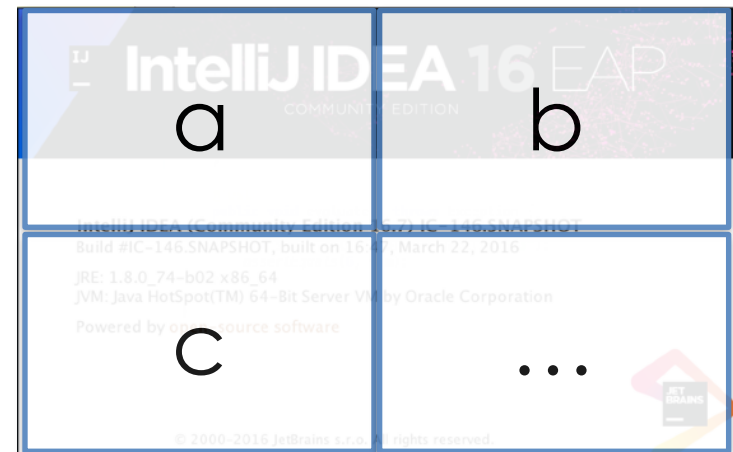
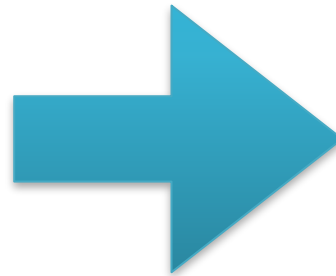
1. Organizational matters
2. Introduction/Description of Project
3. Installing and Building IntelliJ IDEA
4. Understanding Unit Testing with JUnit

Organizational

- Course website <http://www.cse.chalmers.se/edu/year/2017/course/DAT261/index.html>
- Use the Google Group for any questions! Help others! <https://groups.google.com/forum/#!forum/model-based-testing-2017>
- Assignment Submissions in Fire: <https://mbt-lp4-17.frs.cse.chalmers.se>
- Status of group registration. **Who is without a group?**

Introduction to the “Mini”-Project

- Java IDE (Integrated Development Environment)
- “Mini projects” cover subset of functionalities
- This year: “Viewing Reference Information”



Installing and Building IntelliJ IDEA

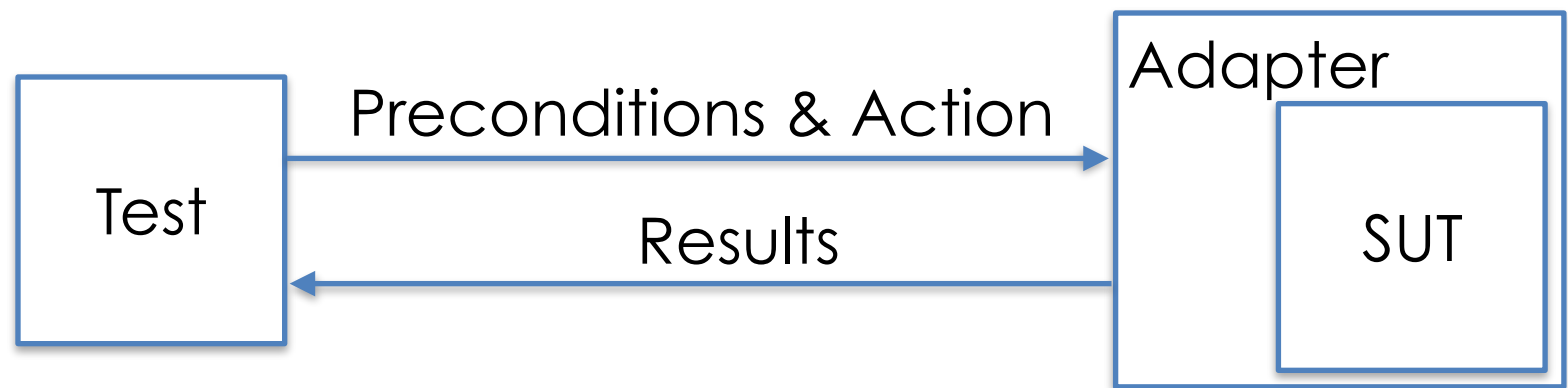
1. Install IntelliJ IDEA Community Edition
2. type "git clone <https://github.com/zut/intellij-community.git>" in your command line
3. read the read.me and follow it (also check: <http://www.jetbrains.org/pages/viewpage.action?pageId=983225>)
HINT: Let both JDKs point to 1.8

Understanding Unit Testing with JUnit

1. JUnit homepage <http://junit.org>

2. JUnit getting started page:

<https://github.com/junit-team/junit/wiki/Getting-started>



On Assignment 1

- This year's topic: **Viewing Reference Information:** <https://www.jetbrains.com/help/idea/2017.1/viewing-reference-information.html>
 1. Read the docs
 2. Get familiar with the functionality
 3. Find the code responsible for the functionality
 4. Follow the assignment descriptions