

# System software

## Introduction



# Tutorials

- Assistant
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  - room no
    - R2.61, from the main stairs go left, 2<sup>nd</sup> door
  - office hours
    - anytime or by an appointment by email

# Tutorials

- Goals and outcomes
  - practical exercises
  - learn to use source version control system
  - learn to program in assembly language
  - understand system software
  - able to implement application virtual machine
  - able to implement assembler

# Requirements

- Regular work, 50 points
  - 3 homeworks, 30 points
  - 1 seminar (presented at lectures), 20 points
  - bonus points
- Final exam, 50 points
  - written exam
  - theoretical and practical questions
  - 50 points

# Requirements

- Homeworks
  - after we finish a corresponding topic
    - approx. every month
  - grading: basic + extra + bonus points
    - basic mandatory part: given in description
    - extra optional part: based on your idea
    - bonus points: for *extra extra* work
  - do regular exercises since they are directly useful for homework

# Requirements

- Homeworks
  - 1. HW – in November
    - use of subversion, assembly programming
    - points: **6** = 4 + 2
  - 2. HW – in December
    - simulator (VM, loader, ...)
    - points: **12** = 7 + 5
  - 3. HW – in January
    - assembler
    - points: **12** = 7 + 5
- presentation in two weeks after due date

# Requirements

- Seminar
  - presentation at lectures
  - due dates
    - topic selection: in October
    - delivery: in December
    - presentation: in January
  - details arranged with professor



# Syllabus overview

