Middleware
General information

- Labs
  - Thursday 15:40
  - Every even week
  - 6 labs
    - 5 tasks
  - See schedule on the web
  - Attending is not required
    - But a simple lab activity is required due Friday night

- Web

- https://d3s.mff.cuni.cz/teaching/nswi080/

- Mailing list
  - nswi080@d3s.mff.cuni.cz
  - https://d3s.mff.cuni.cz/mailman/listinfo/nswi080
Course requirements

- Get points by completing the tasks
  - 5 tasks given in labs, 10 points each
  - Points determine the grade
    - 45-50 points: 1
    - 35-44 points: 2
    - 25-34 points: 3

- Present at least one solution in the labs or an individual online meeting - 2 additional points

- Lab activity

- Details on the website
Standard Tasks

- Each task: 10 points
- Submit by e-mail

- Standard deadline: day before the next lab (~14 days)
  - missing one deadline by 10 hours is tolerated
  - problems pointed out in the solution may be corrected until the extended deadline, for half the points

- Extended deadline: day before the following lab
  - submissions between the standard and extended deadline are worth half the points
Solutions

- Implement the required functionality
  - solution should be easy to run
    - must work on lab computers
    - use the provided build scripts
    - no need to add Maven or Ant scripts
    - no need to use Java packages or modules
  - do not submit generated files, compilation artifacts, IDE project files

- Report
  - answer the questions given in the assignment
    - include measurements, charts, where required
  - explain important decisions made in the implementation
Individual Tasks

- Has to be individually agreed on in advance
  - before the start of summer examination period
- Solutions by the end of summer examination period
Lab Activity

- Showing an introductory example
  - There is an associated simple activity that you can finish in the labs or submit by e-mail.

- Explaining the tasks

- Discussing solutions of previous tasks
Computer environment

- Linux OS is recommended
  - you can use computers in the school lab remotely
  - u-plXX.ms.mff.cuni.cz
  - Java Development Kit 8 or later
    - eselect java-vm list
    - eselect java-vm set user openjdk-11 (log out to apply change)