

OSCI Exercises

Organization

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RUHR
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Structure

- Work on tasks in (fixed) **groups of 3**.
- One exercise per task → attendance mandatory
- Group registration by mail
 - One group member sends an email with the names of all group members to cs-os-osci-orga@lists.rub.de
(put your team members in CC)
- Tasks can be found at **osci.rub.de**
- Development via **GitLab**

Exercises

- In person **exercises**
- Input and preparation for the upcoming task
- → Participation is mandatory!

Computer Lab

- **Computer Lab** in MC 5.202
- Participation optional

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- Participation optional
- Submission of tasks during the **Computer Lab**
 - **Discussion** of your approach (ca. 10 to 20 minutes)
 - **Review** of central code locations
 - **GitLab Merge Request** after explicit request
(to receive code template for the next task)
→ Participation mandatory!

Seminars

- C++ and Git Intro (today)
- Debugging with GDB
- Booting an x86 processor
- Coding in x86 assembly

Goals

- Introduction/refresher of the fundamentals
- Support for the tasks
- Ultimately: (hopefully) saving you time and reducing stress
- A better understanding of the underlying concepts

→ **optional** & **not** relevant for the exam



Have fun building your own operating system

Task 0 is recommended to ease you into C++!