

Concurrent Systems

Exercise 01 – Introduction

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■ Contact

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■ Time and Date

- Thursday, 10:15 – 11:45, 01.151-128 *or* 01.153-113

■ Homepage

- www4.cs.fau.de/Lehre/WS19/V_CS



Contents

- Efficient parallelization
- Blocking synchronisation, locks, mutexes
- Deadlocks
- Non-blocking synchronisation
- ...

Your Background?

- Systemprogrammierung 1 & 2
- Parallele und Funktionale Programmierung
- Betriebssysteme, Betriebssystemtechnik



■ Blackboard exercises

- Introduce new assignments
- Additional content for the lecture

■ Computer exercises

- Optional
- If you have questions

■ Discussion exercises

- Discuss the results of previous assignments



■ Subscription

- Please subscribe to the exercises in Waffel
- The subscription will close **today**
- You cannot submit assignments without subscription

■ Waffel URL

→ waffel.informatik.uni-erlangen.de/signup/?univisid=41459301



Assignments

■ Assignments

- 2 – 3 weeks per assignment
- 5 assignments in total
- Search, Implement, Debug, Experiment, Understand, Discuss

■ Submission

- /proj/i4cs/<login>/
- Will be created tomorrow
- Submit (preferably) in pairs
 - Only one partner needs to submit
 - Please add partnership information
- Give me read access

■ Additional Material

- /proj/i4cs/pub/



Assignment 1

