Requirements
Distributed Systems

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About the Course

What will I learn in this course?
You will learn about the development of large scale information systems.

Will I use these technologies in the software industry?
If your career goal is to produce web shops, then the answer is No. Otherwise Yes.

So I will be able to create large scale information systems?
No, You will be able to participate in the development.
About the Course

Prerequisites
- Linux, bash
- Java, maven
- Eclipse, IntelliJ IDEA
- git, gitHub

Good to Know
- WireShark, Postman
- MySQL + Workbench
- jdbc, mybatis
- Networking, NAT, DNS
- Virtualization

Learning Outcome

Knowledge
- Basic Concepts of Distributed Systems
- Computational Systems
- Supercomputers
- GRID Computing

Comprehension
- Distributed Information Systems
- Messaging Patterns

Application
- Spring Integration
Assessment

Signature
- Participation of the 66% of the tutorials.
  - No retake
- Participation on invited talks.
  - No retake, no exception, no excuse
- A project work
  - No Deadline Extension
  - Grade offered

Exam
- Writing
  - 10min short technical questions
  - 50min theory
- Oral
  - theory
  - practice

Grade offered

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Important Dates and Deadlines

Dates

2017.12.08. Presentation of the project work

2018.01.12. Exam

2018.02.02. re-take Exam
Obligatory

- Slide shows
- Assigned articles of lectures

Recommended

- Gregor Hohpe and Bobby Woolf et al: **Enterprise Integration Patterns**: Designing, Building, and Deploying Messaging Solutions