

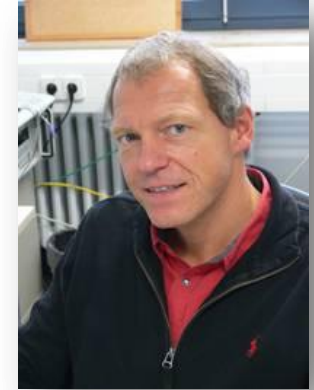
Research & Teaching



Prof. Dr. Christian Becker
Lehrstuhl Wirtschaftsinformatik II
Chair of Information Systems II

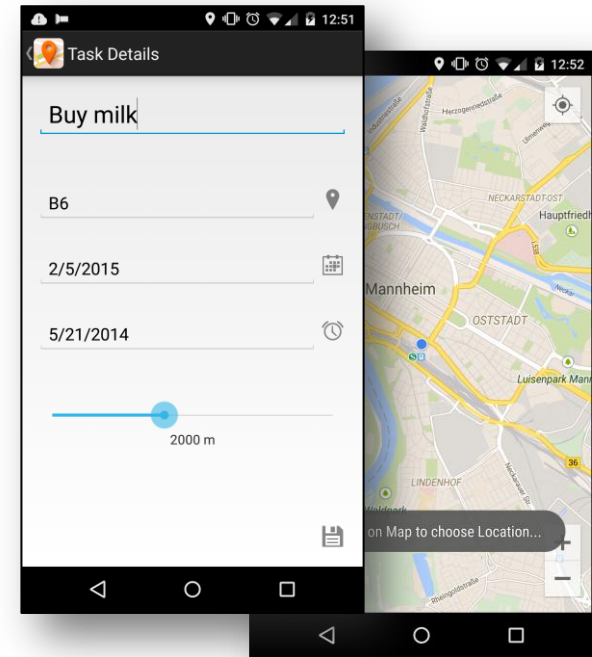
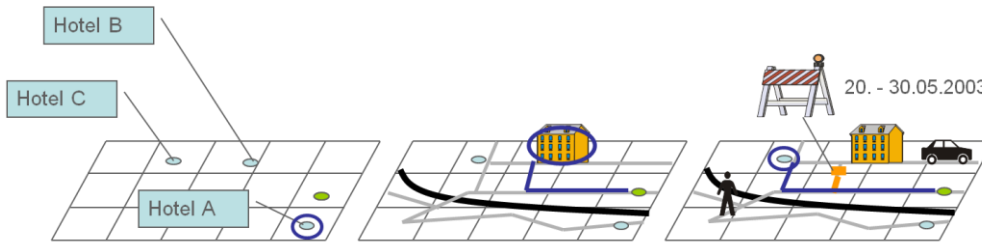
Team - Administration

- Christian Becker
- Kerstin Goldner
- Markus Latz
- Janick Edinger
- Sonja Klingert
- Christian Krupitzer
- Jens Naber
- Max Roth
- Dominik Schäfer



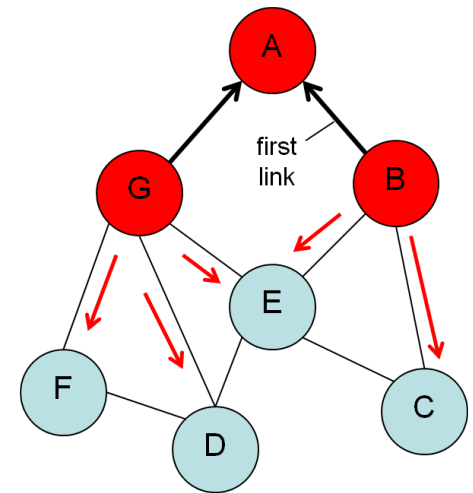
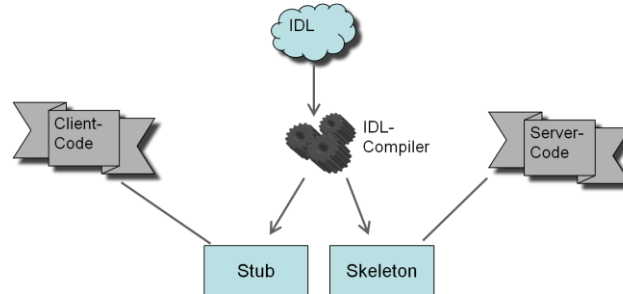
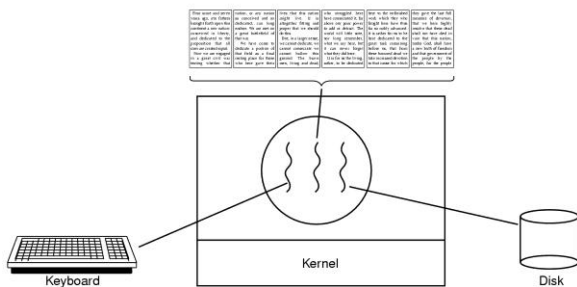
Teaching Spring Term

- MMM/Master Wirtschaftsinformatik
 - IS 625 Pervasive Computing (lecture + exercise; 6 ECTS)
 - IS 722 Seminar: Trends in Distributed Systems



Teaching Fall Term

- MMM/Master Wirtschaftsinformatik
 - IS 553 System Software (lecture + exercise; 6 ECTS)
 - IS 554 Computational Thinking (lectures + exercise, 8 ETCS)
 - IS 627 Self-Organizing Systems (lecture + exercise; 6 ECTS)
 - IS 722 Seminar: Trends in Distributed Systems



Research

- Besides teaching, **we're also doing research!**
- **Student opportunities:**
 - Research assistants (Hiwis)
 - Internships
 - Team projects
 - Theses

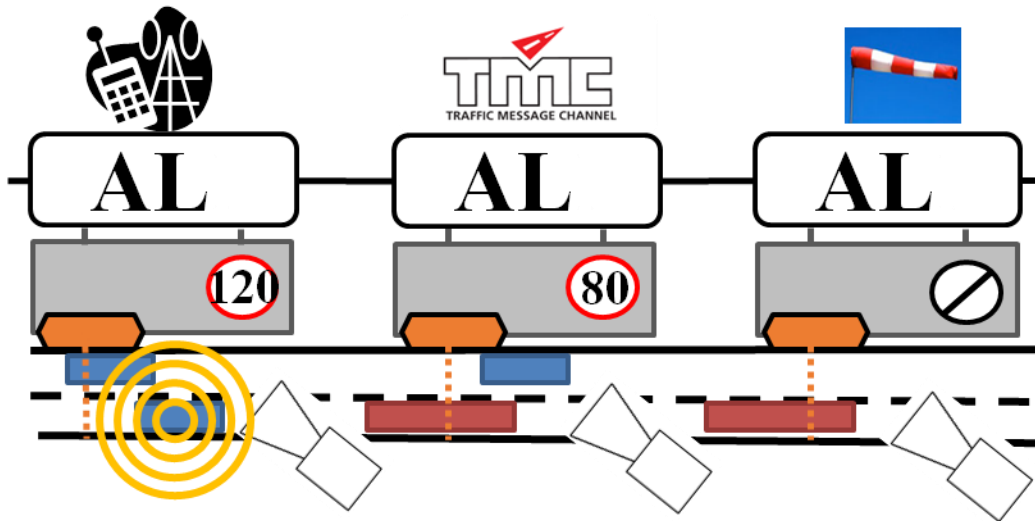
→ Lots of cool projects/ topics ahead!

See: <http://becker.bwl.uni-mannheim.de/en/research/>

Current Research (1)

FESAS: Framework for Engineering Self-Adaptive Systems

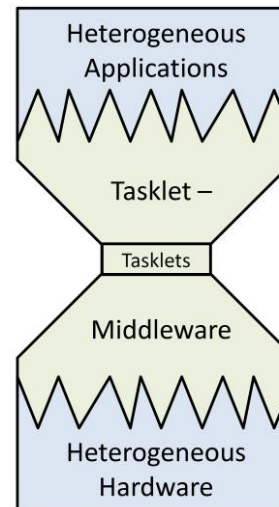
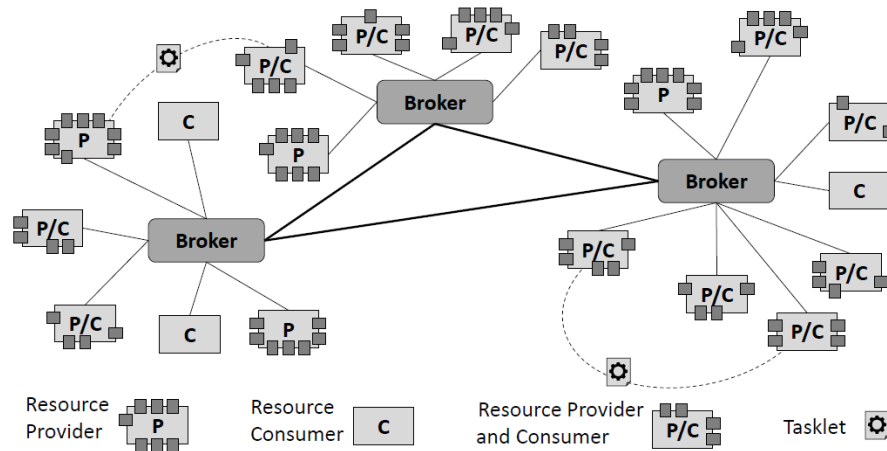
- **Goal:** a generic framework that simplifies the development of self-adaptive systems
- **Contact:** [Christian Krupitzer](#)



Current Research (2)

TASKLETS: Lightweight distributed computing

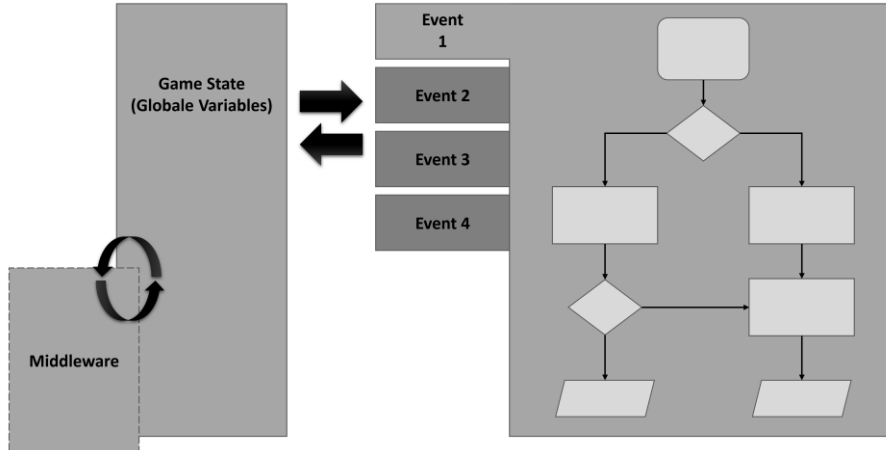
- **Goal:** development of a runtime environment for closed units of computation
- **Contact:** Janick Edinger and Dominik Schäfer



Current Research (3)

Pervasive Learning and Classrooms:

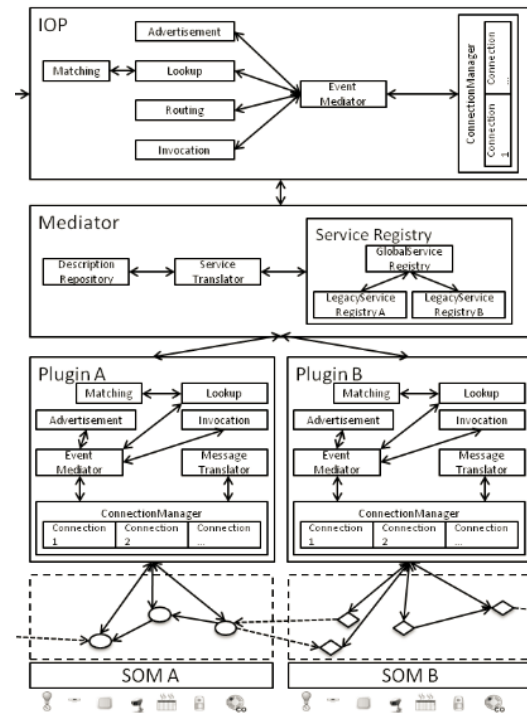
- **Goal:** development of an middleware for learning in Pervasive Environments
- **Contact:** [Jens Naber](#)



Current Research (4)

Interoperability for Pervasive Middlewares:

- **Goal:** Development of an interoperability approach for Pervasive Middlewares
- **Contact:** Max Roth



Current Research (5)

Energy Aware Data Management

- **Goal:** Managing data with respect to power grid requirements in order to facilitate the integration of renewable energy
- **Contact:** [Sonja Klingert](#)

