Welcome to the Model Driven Development course
Organization of the course
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• Lecturers
  ▪ Tomáš Bureš
    • bures@d3s.mff.cuni.cz

• http://d3s.mff.cuni.cz/teaching/

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• Credits for term project
• Slides and exercises

Before we really begin …
Invitation to Related Courses

• Concepts of Modern Programming Languages (NPRG014)
  ▪ Monday 12:20 in S4

  ▪ Content:
    • Scripting and dynamic meta-programming in Groovy
    • Groovy Domain Specific Languages and static meta-programming
    • Statically typed languages (Scala)
    • Concurrency and parallelism
    • Prototype-based languages
    • Language concepts for web programming
    • …

  ▪ Format:
    • 4 hours every 2 weeks out of 3
    • Seminar with hands-on experience
• Software Engineering for Dependable Systems
  ▪ Summer term

  ▪ Content:
    • Modeling
      ▪ Modeling continuous / discrete systems
      ▪ Synchronous dataflows
    • Requirements models
      ▪ Goal-based approaches
      ▪ Agent-based approaches
    • …
Master Theses / Projects / PhD

• Consider taking your master thesis or project in D3S
• Possibility of doctoral studies
• Possibility of paid individual projects (with credits)

• Ready made topics
  ▪ Cyber-physical systems (combination of smartphones, tablet, embedded devices with web-based and cloud-based systems)
  ▪ Cloud computing
  ▪ Component and service-oriented systems
  ▪ Model-driven development, DSLs, code generation
  ▪ Formal verifications, model checking
  ▪ Operating systems

• If you are interested, stop by after the lecture