

Werksstudenten / Internships

We develop solutions for efficient engineering of high-quality software-intensive systems, starting with the implementation of domain-specific tools. Since especially in model-based development the tool-support of the corresponding views and methods to evaluate these systems is of central importance, the implementation of those tools and mechanisms is a major part of our portfolio.

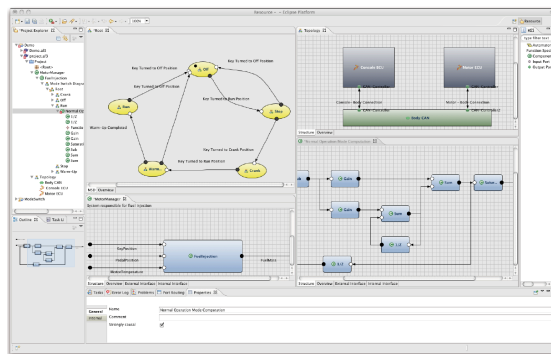


Figure 1 System Modeling in AutoFOCUS 3

AutoFOCUS 3 is a tool for modeling, analysis, simulation and optimization of distributed, reactive software-intensive systems. For constant improvement of this tool we are looking for motivated students that like to contribute to the development of this tool.

Possible tasks:

- Modeling of industry use-case systems using AF3 (in the context of an EU-Project)
- Implementation of an Importer that integrates a XML – based format that is mainly used in the automotive industry into AF3
- Implementation of scheduling / allocation mechanisms
- Setting up and evaluate experiments for scalability analysis to quantify developed approaches and mechanisms
- Eclipse - Plug-In Development

Prerequisites:

- Eclipse / EMF / Plug-In Development
- Java / XML

Advisor / Contact:

Dr. Sebastian Voss (voss@fortiss.org)

fortiss gGmbH
Guerickestraße 25
D-80805 München

Tel.: +49 (0) 89 - 3 60 35 22 - 0
Fax: +49 (0) 89 - 3 60 35 22 - 50
www.fortiss.org
info@fortiss.org

Kreissparkasse München-Starnberg
BLZ: 702 501 50, Kto.-Nr.: 27 122 720
S.W.I.F.T./BIC: BYLADEM1KMS
IBAN: DE53 7025 015 0027 1227 20

Sitz der Gesellschaft: Garching b. München
Geschäftsführer: Dr. Harald Rueß
Amtsgericht München, HRB 176633
Ust.-IdNr.: DE263907002