



Institute AIFB, Knowledge Management Research Group (Chair Prof. Dr. Rudi Studer)

ACTIVE is a high-profile international research project in the area of advanced knowledge management funded by the European Commission. The project consortium includes leading research institutions, IT companies and three large case study partners. Core research areas of the project include: Social Software, Semantic Technologies, Context Mining, and Knowledge Process Modelling.



In the context of ACTIVE, we offer an

External Diploma/Master Thesis at Cadence Design Systems (Munich)

for students in Information Engineering and Management (Informationswirtschaft), Business Engineering (Wirtschaftsingenieurwesen), Economics Engineering (Technische VWL), Computer Science (Informatik) and interested students from other subject areas with substantial background and interest in computer science. The thesis topic in the area of

Semantic MediaWiki and Process Visualization

will be investigated in collaboration with the ACTIVE partner Cadence (<http://www.cadence.com>). Specifically, the topic of the thesis is to analyse the requirements for integration of existing processes and their visualization in Semantic MediaWiki, develop the interface to connect Semantic MediaWiki to existing process repository, and consult Cadence staff on the deployment and use of such solutions.

Students interested in this topic should have prior experience with semantic technologies, web technologies, business process management and programming skills (preferably PHP, Java). Furthermore, the student should have a good command of English. The specific topic will be defined by agreement between the supervisor, the team manager at Cadence and the student.

General information is available online at www.active-project.eu or with any of the members of the ACTIVE project team at AIFB/KIT.

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