Ostfalia
University of
Applied Sciences

MOEWE

Project management: Prof. Dr. Jürgen Kreyssig

Summary: Without the development of embedded systems, Germany's global competitive advantages in key economic sectors, including telecommunications, avionics, automation and automotive cannot be assured. Development takes place based on models. The tool developed in this project enables centralised, explicit coupling of different, overlapping model domains. One particular focal point in this respect is the coupling of models at various stages of development. The objective is cross-domain modelling of so-called non-functional requirements of embedded systems. The coupling model contains those portions of the models that are needed at various stages of development. It should be emphasised that this does not involve static interfaces, for example, XML-based interchange formats.
Rather, the aim of this development is to pursue dependencies beyond model boundaries and tool boundaries on a dynamic basis. Within the framework of this project, a coupling tool is being developed, which the description and the manipulation.

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