

Multi-Domain Model-Driven Design of Industrial Automation and Control Systems

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Abstract

The aim of this paper is to describe a multi-domain model-driven embedded systems design approach which is applicable to the domain of complex Industrial Automation and Control Systems (IACS). The special requirements of the industrial automation sector are taken into account by this novel approach, utilizing existing model-driven techniques. This is currently being developed in the FP7 Embedded Systems Design project MEDEIA funded by the European Commission.