

Definition of a Computing Independent Model and Rules for Transformation Focused on the Model-View-Controller Architecture

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Abstract : This paper presents a model-oriented development approach to software development in the Model-View-Controller (MVC) architectural standard. This approach aims to expose a process of extractions of information from the models, in which through rules and syntax defined in this work, assists in the design of the initial model and its future conversions. The proposed paper presents a syntax based on the natural language, according to the rules agreed in the classic grammar of the Portuguese language, added to the rules of conversions generating models that follow the norms of the Object Management Group (OMG) and the Meta-Object Facility MOF.

Keywords : BNF Syntax, model driven architecture, model-view-controller, transformation, UML

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