

Model Driven Architecture Methodologies: A Review

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Abstract : Model Driven Architecture (MDA) is technique presented by OMG (Object Management Group) for software development in which different models are proposed and converted them into code. The main plan is to identify task by using PIM (Platform Independent Model) and transform it into PSM (Platform Specific Model) and then converted into code. In this review paper describes some challenges and issues that are faced in MDA, type and transformation of models (e.g. CIM, PIM and PSM), and evaluation of MDA-based methodologies.

Keywords : OMG, model driven architecture (MDA), computation independent model (CIM), platform independent model (PIM), platform specific model (PSM), MDA-based methodologies

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