

# THE MODEL DRIVEN ARCHITECTURE AND TOOLS

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**Abstract:** *The article intends to provide an image on what the MDA approach is about and how it supports the software development process. It also provides a critical view by showing the benefits and disadvantages of introducing MDA in a company. The review, in this article, of the concepts, which are at the core of MDA, makes the new vision more comprehensive. To get a more practical view of MDA, the existing MDA tools and their functionality will be described. By showing what model transformations the tools support, the development process, proposed by MDA, gets even clearer*

**Key words:** *Model Driven Architecture, MDA tools, Object Management Group (OMG), Platform Independent Model (PIM), Platform Specific Model (PSM), Meta Object Facility (MOF), OMG Standards, Unified Modeling Language (UML)*

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