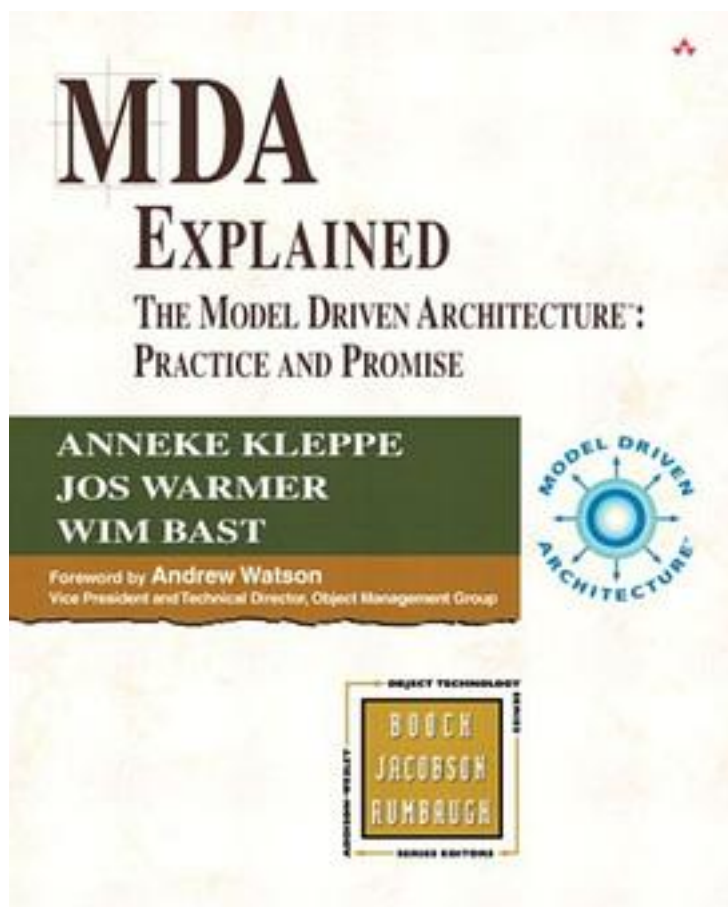


MDA Explained



[MDA Explained 下载链接1](#)

著者:Anneke Kleppe

出版者:Addison-Wesley Professional

出版时间:2003-05-01

装帧:Paperback

isbn:9780321194428

"Jos Warmer's work has contributed greatly to the semantics of the UML. From that perspective, and in this book, he offers insight on how one can and can't use the UML to move to the next level of abstraction in building systems." -Grady Booch
Experienced application developers often invest more time in building models than

they do in actually writing code. Why? Well-constructed models make it easier to deliver large, complex enterprise systems on time and within budget. Now, a new framework advanced by the Object Management Group (OMG) allows developers to build systems according to their core business logic and data-independently of any particular hardware, operating system, or middleware. Model Driven Architecture (MDA) is a framework based on the Unified Modeling Language (UML) and other industry standards for visualizing, storing, and exchanging software designs and models. However, unlike UML, MDA promotes the creation of machine-readable, highly abstract models that are developed independently of the implementation technology and stored in standardized repositories. There, they can be accessed repeatedly and automatically transformed by tools into schemas, code skeletons, test harnesses, integration code, and deployment scripts for various platforms. Written by three members of OMG's MDA standardization committee, MDA Explained gives readers an inside look at the advantages of MDA and how they can be realized. This book begins with practical examples that illustrate the application of different types of models. It then shifts to a discussion at the meta-level, where developers will gain the knowledge necessary to define MDA tools. Highlights of this book include: *The MDA framework, including the Platform Independent Model (PIM) and Platform Specific Model (PSM) *OMG standards and the use of UML *MDA and Agile, Extreme Programming, and Rational Unified Process (RUP) development *How to apply MDA, including PIM-to-PSM and PSM-to-code transformations for Relational, Enterprise JavaBean (EJB), and Web models *Transformations, including controlling and tuning, traceability, incremental consistency, and their implications *Metamodeling *Relationships between different standards, including Meta Object Facility (MOF), UML, and Object Constraint Language (OCL) The advent of MDA offers concrete ways to improve productivity, portability, interoperability, maintenance, and documentation dramatically. With this groundbreaking book, IT professionals can learn to tap this new framework to deliver enterprise systems most efficiently. 032119442XB03242003

作者介绍:

目录:

[MDA Explained_ 下载链接1](#)

标签

建模

UML

MDA

评论

[MDA Explained 下载链接1](#)

书评

[MDA Explained 下载链接1](#)