Model-Driven Software Development: Technology, Engineering, Management

By Thomas Stahl, Markus Voelter

Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter

Model-Driven Software Development (MDSD) is currently a highly regarded development paradigm among developers and researchers. With the advent of OMG's MDA and Microsoft's Software Factories, the MDSD approach has moved to the centre of the programmer's attention, becoming the focus of conferences such as OOPSLA, JAOO and OOP.

MDSD is about using domain-specific languages to create models that express application structure or behaviour in an efficient and domain-specific way. These models are subsequently transformed into executable code by a sequence of model transformations.

This practical guide for software architects and developers is peppered with practical examples and extensive case studies. International experts deliver:
* A comprehensive overview of MDSD and how it relates to industry standards such as MDA and Software Factories.
* Technical details on meta modeling, DSL construction, model-to-model and model-to-code transformations, and software architecture.
* Invaluable insight into the software development process, plus engineering issues such as versioning, testing and product line engineering.
* Essential management knowledge covering economic and organizational topics, from a global perspective.

Get started and benefit from some practical support along the way!

⬇ **Download** Model-Driven Software Development: Technology, Eng ...pdf

▤ **Read Online** Model-Driven Software Development: Technology, E ...pdf

Model-Driven Software Development: Technology, Engineering, Management

By Thomas Stahl, Markus Voelter

Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter

Model-Driven Software Development (MDSD) is currently a highly regarded development paradigm among developers and researchers. With the advent of OMG's MDA and Microsoft's Software Factories, the MDSD approach has moved to the centre of the programmer's attention, becoming the focus of conferences such as OOPSLA, JAOO and OOP.

MDSD is about using domain-specific languages to create models that express application structure or behaviour in an efficient and domain-specific way. These models are subsequently transformed into executable code by a sequence of model transformations.

This practical guide for software architects and developers is peppered with practical examples and extensive case studies. International experts deliver:
* A comprehensive overview of MDSD and how it relates to industry standards such as MDA and Software Factories.
* Technical details on meta modeling, DSL construction, model-to-model and model-to-code transformations, and software architecture.
* Invaluable insight into the software development process, plus engineering issues such as versioning, testing and product line engineering.
* Essential management knowledge covering economic and organizational topics, from a global perspective.

Get started and benefit from some practical support along the way!

Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter Bibliography

- Sales Rank: #2432258 in Books
- Published on: 2006-05-19
- Original language: English
- Number of items: 1
- Dimensions: 9.37" h x .91" w x 7.50" l, 1.75 pounds
- Binding: Paperback
- 446 pages

⬇ **Download** Model-Driven Software Development: Technology, Eng ...pdf

🖹 **Read Online** Model-Driven Software Development: Technology, E ...pdf

Download and Read Free Online Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter

Editorial Review

From the Back Cover
Model-Driven Software Development (MDSD) is currently a highly regarded development paradigm among developers and researchers. With the advent of OMG's MDA and Microsoft's Software Factories, the MDSD approach has moved to the centre of the programmer's attention, becoming the focus of conferences such as OOPSLA, JAOO and OOP.

MDSD is about using domain-specific languages to create models that express application structure or behaviour in an efficient and domain-specific way. These models are subsequently transformed into executable code by a sequence of model transformations.

This practical guide for software architects and developers is peppered with practical examples and extensive case studies. International experts deliver:

- A comprehensive overview of MDSD and how it relates to industry standards such as MDA and Software Factories.
- Technical details on meta modeling, DSL construction, model-to-model and model-to-code transformations, and software architecture.
- Invaluable insight into the software development process, plus engineering issues such as versioning, testing and product line engineering.
- Essential management knowledge covering economic and organizational topics, from a global perspective.

Get started and benefit from some practical support along the way!

About the Author
Thomas Stahl is Chief Architect at b+m Informatik AG. Thomas' focus and expertise is in Model-Driven Software Development, of which he has extensive practical experience. Thomas is a journal-published writer, IT conference speaker and originator of the open-source MDSD-platform *openArchitectureWare*.

Markus Völter is an independent consultant for software technology and engineering. Markus focuses on software architecture and Model-Driven Software Development, in which he is a well-regarded authority. A Wiley Software Design Patterns Series published author, Markus also writes for journals and speaks at conferences on his area of expertise.

Users Review

From reader reviews:

Mary West:

The book Model-Driven Software Development: Technology, Engineering, Management can give more knowledge and also the precise product information about everything you want. Why must we leave the good thing like a book Model-Driven Software Development: Technology, Engineering, Management? Several of you have a different opinion about e-book. But one aim that will book can give many details for

us. It is absolutely suitable. Right now, try to closer together with your book. Knowledge or info that you take for that, you may give for each other; you may share all of these. Book Model-Driven Software Development: Technology, Engineering, Management has simple shape but the truth is know: it has great and big function for you. You can search the enormous world by wide open and read a e-book. So it is very wonderful.

Charles Davis:

Reading a guide can be one of a lot of pastime that everyone in the world enjoys. Do you like reading book so. There are a lot of reasons why people love it. First reading a book will give you a lot of new details. When you read a guide you will get new information mainly because book is one of numerous ways to share the information or perhaps their idea. Second, reading through a book will make you actually more imaginative. When you looking at a book especially tale fantasy book the author will bring one to imagine the story how the personas do it anything. Third, it is possible to share your knowledge to others. When you read this Model-Driven Software Development: Technology, Engineering, Management, you are able to tells your family, friends as well as soon about yours publication. Your knowledge can inspire others, make them reading a publication.

Neil Calvert:

This Model-Driven Software Development: Technology, Engineering, Management is new way for you who has fascination to look for some information mainly because it relief your hunger associated with. Getting deeper you in it getting knowledge more you know otherwise you who still having bit of digest in reading this Model-Driven Software Development: Technology, Engineering, Management can be the light food to suit your needs because the information inside this specific book is easy to get simply by anyone. These books develop itself in the form which is reachable by anyone, yep I mean in the e-book contact form. People who think that in guide form make them feel tired even dizzy this reserve is the answer. So you cannot find any in reading a book especially this one. You can find what you are looking for. It should be here for an individual. So , don't miss this! Just read this e-book variety for your better life along with knowledge.

April Hanson:

Some individuals said that they feel bored when they reading a guide. They are directly felt it when they get a half elements of the book. You can choose the particular book Model-Driven Software Development: Technology, Engineering, Management to make your own reading is interesting. Your own skill of reading proficiency is developing when you such as reading. Try to choose easy book to make you enjoy you just read it and mingle the idea about book and reading through especially. It is to be initial opinion for you to like to open a book and learn it. Beside that the e-book Model-Driven Software Development: Technology, Engineering, Management can to be your brand new friend when you're truly feel alone and confuse in what must you're doing of that time.

Download and Read Online Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter #0CUJYZ1IVFW

Read Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter for online ebook

Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter books to read online.

Online Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter ebook PDF download

Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter Doc

Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter Mobipocket

Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter EPub

0CUJYZ1IVFW: Model-Driven Software Development: Technology, Engineering, Management By Thomas Stahl, Markus Voelter