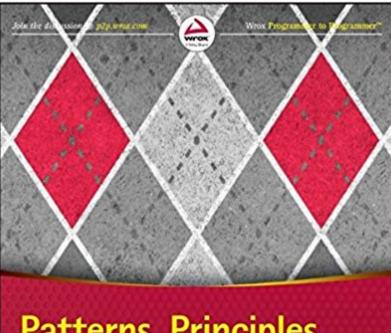


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## Patterns, Principles, And Practices Of Domain-Driven Design



# Patterns, Principles, and Practices of Domain-Driven Design

Scott Millett with Nick Tune



#### Synopsis

Methods for managing complex software construction following the practices, principles and patterns of Domain-Driven Design with code examples in C# This book presents the philosophy of Domain-Driven Design (DDD) in a down-to-earth and practical manner for experienced developers building applications for complex domains. A focus is placed on the principles and practices of decomposing a complex problem space as well as the implementation patterns and best practices for shaping a maintainable solution space. You will learn how to build effective domain models through the use of tactical patterns and how to retain their integrity by applying the strategic patterns of DDD. Full end-to-end coding examples demonstrate techniques for integrating a decomposed and distributed solution space while coding best practices and patterns advise you on how to architect applications for maintenance and scale. Offers a thorough introduction to the philosophy of DDD for professional developers Includes masses of code and examples of concept in action that other books have only covered theoretically Covers the patterns of CQRS, Messaging, REST, Event Sourcing and Event-Driven Architectures Also ideal for Java developers who want to better understand the implementation of DDD

#### **Book Information**

Paperback: 792 pages Publisher: Wrox; 1 edition (May 4, 2015) Language: English ISBN-10: 1118714709 ISBN-13: 978-1118714706 Product Dimensions: 7.4 x 1.5 x 9.3 inches Shipping Weight: 2.8 pounds (View shipping rates and policies) Average Customer Review: 4.8 out of 5 stars 39 customer reviews Best Sellers Rank: #116,255 in Books (See Top 100 in Books) #135 inÅ Å Books > Textbooks > Computer Science > Software Design & Engineering #186 inÅ Å Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Object-Oriented Design #292 inÅ Å Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Software Development

#### **Customer Reviews**

Build solutions for complex business problems more effectively with Domain-Driven Design This book distills the ideas and theories of the Domain-Driven Design (DDD) philosophy into a practical

playbook that you can leverage to simplify application development for complex problem domains. A focus is placed on the principles and practices of decomposing a complex problem space as well as the implementation patterns and best practices for shaping a maintainable solution space. You will learn how to build effective domain models through the use of tactical patterns and how to retain their integrity by applying the strategic patterns of DDD. Full end-to-end coding examples demonstrate techniques for integrating a decomposed and distributed solution space while coding best practices and patterns advise you on how to architect applications for maintenance and scale. Offers a thorough introduction to the philosophy of DDD for professional developers Simplifies the theories of Domain-Driven Design into practical principles and practices Includes masses of code and examples of concepts in action that other books have only covered theoretically Covers the patterns of CQRS, Messaging, REST, Event Sourcing and Event-Driven Architectures Ideal for developers using Java, Ruby, and other languages who want to learn common DDD implementation patterns Code examples presented in C# demonstrating concepts that can be applied in any language Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Scott Millett is the Director of IT for Iglu.com, and has been working with .NET since version 1.0. He was awarded the ASP.NET MVP in 2010 and 2011, and is the author of Professional ASP.NET Design Patterns and Professional Enterprise .NET. Nick Tune is a software developer delivering solutions to complex business problems using technology, collaboration, and Domain-Driven Design. He continually seeks improvement by working on ambitious products and with enthusiastic people.

I have not read the other big books on domain driven design, so I cannot compare them, however I found this book extremely well written and easy to follow. After first watching the PluralSight training, I came away with a bit of theoretical knowledge and a ton of questions -- and this book answered a ton of them. I would start off a bit puzzled at how all the pieces fit together, and then a sentence or example or diagram would bring it all into place and suddenly so many more things would make sense. Really, really a great read. While there are some topics I wish were covered a bit more, or a bit differently, these are almost all topics that are much more specific to the domain space that I am

working on and probably would have no place in the book. If you're just starting out like I was, read through this book, try out a practical example on your own, and do a lot of blog reading to fill in the specific gaps. I do recommend starting off by creating a completely independent project and not trying to fit it into any existing system that you have -- it's so easy early for existing technical problems to really overshadow the "domain" learning you're trying to do at that point.

Context, context, context... Excellent book! In my current role as an architect, I have been working on resurrecting a Big-Ball-of-Mud application into something that can be maintained by anyone other than the original developer. This book gives hope to those that have been tasked with challenges like this. While the solutions provided are (self-proclaimed) not silver bullets, they are realistic, and the code samples are practical. It covers a number of DDD patterns, but it is clear to me now that DDD is much more than just a collection of patterns. Mostly, what I learned from this book was the DDD philosophy.

To me, this book is THE bible, when it comes to understanding and implementing DDD. In contrast to other bookson DDD, the language applied by the author(s) of this books is so easily comprehensible. This, combined with actual examples of implementations, makes it an essential reference to me when implementing DDD. If I could choose only one book on "DDD and implementing DDD", this would be the one.

Very good book on DDD. The book topics can be a bit disorganized; but the author did offer good principles and practices on points.

I've been practicing DDD for 2-3 years and I realized I was blindly following the abstract solutions but not the rationale of the solution. I was so focused on the tactical or the implementation side of DDD that I end up with codes that are harder to comprehend and discuss about. This books has been an eye-opener to me. I've learned my faults and now I know the principles and the best practices when doing DDD.

The best domain driven design book so far, in my humble opinion. It goes through both the theory and the application of those patterns which makes it quite valuable if you're learning DDD.

Great book on DDD, simply and concisely explains concepts. Still going through it and will be using

it as a reference book.

The best book on DDD that I have read! Contains lucid text, excellent pictures and code snippets. It gave me a framework, vocabulary and examples of how to structure my enterprise application which has thousands of files. I highly recommend it!

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