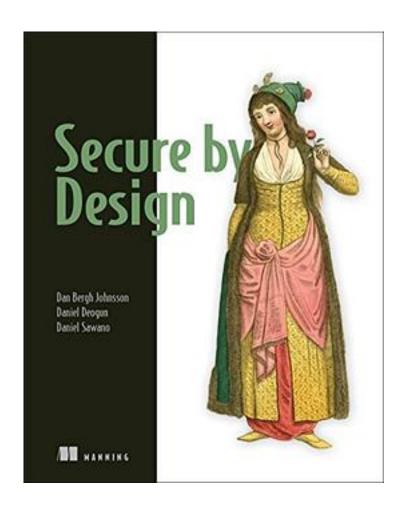
# Secure By Design



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## Summary

Secure by Design teaches developers how to use design to drive security in software development. This book is full of patterns, best practices, and mindsets that you can

directly apply to your real world development. You'll also learn to spot weaknesses in legacy code and how to address them.

Foreword by Daniel Terhorst-North.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology

Security should be the natural outcome of your development process. As applications increase in complexity, it becomes more important to bake security-mindedness into every step. The secure-by-design approach teaches best practices to implement essential software features using design as the primary driver for security.

About the Book

Secure by Design teaches you principles and best practices for writing highly secure software. At the code level, you'll discover security-promoting constructs like safe error handling, secure validation, and domain primitives. You'll also master security-centric techniques you can apply throughout your build-test-deploy pipeline, including the unique concerns of modern microservices and cloud-native designs.

What's inside

Secure-by-design concepts

Spotting hidden security problems

Secure code constructs

Assessing security by identifying common design flaws

Securing legacy and microservices architectures

About the Reader

Readers should have some experience in designing applications in Java, C#, .NET, or a similar language.

作者介绍:

About the Author

Dan Bergh Johnsson, Daniel Deogun, and Daniel Sawano are acclaimed speakers who often present at international conferences on topics of high-quality development, as well as security and design.

目录: Table of Contents PART 1 - Introduction Why design matters for security Intermission: The anti-Hamlet PART 2 - Fundamentals
Core concepts of Domain-Driven Design
Code constructs promoting security
Domain primitives
Ensuring integrity of state
Reducing complexity of state
Leveraging your delivery pipeline for security
Handling failures securely
Benefits of cloud thinking
Intermission: An insurance policy for free
PAT 3 - Applying the fundamentals
Guidance in legacy code
Guidance on microservices
A final word: Don't forget about security!

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## 标签

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