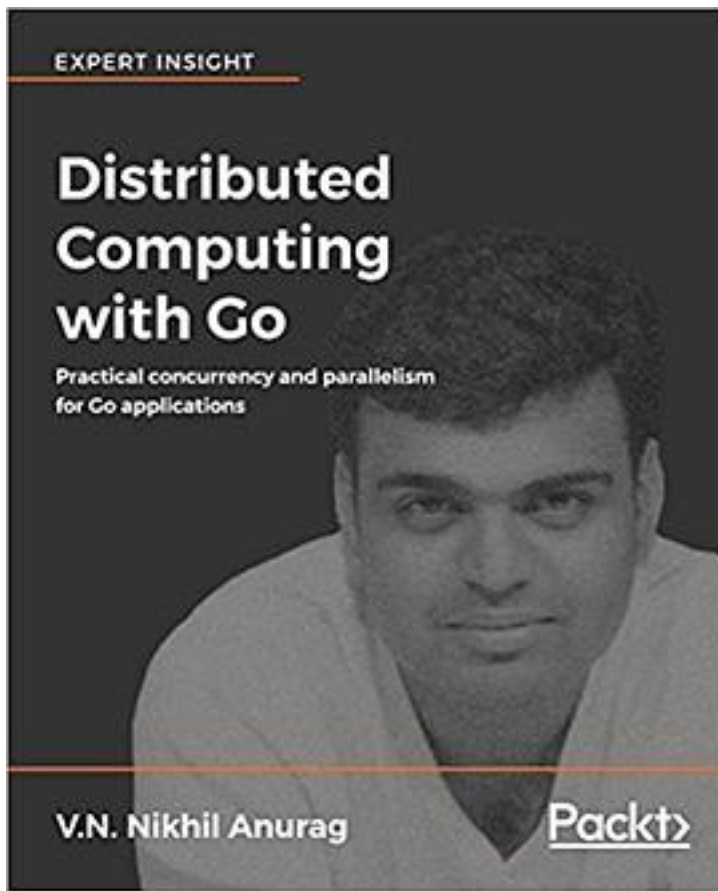# Distributed Computing with Go

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著者:Naga Nikhil Anurag Vemuri

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Key Features

Enough concurrency theory to provide contextual understanding of Go concurrencyGiving weight to synchronous and asynchronous data streams in Golang

web applicationsMaking Goroutines and Channels completely familiar and natural to Go developers

Book Description

Distributed Computing with Go gives developer with a good idea how basic Go development works the tools to grasp the true potential of Golang development in a world of concurrent web and cloud applications.

This book starts out with setting up a professional Go development environment and then teaches the reader the basic concepts and practices of Golang concurrent and parallel development. The Golang developer will then learn how to balance resources and data with REST and standard web approaches while keeping concurrency in mind. Then the reader's skills will be expanded considerably by writing a distributed document indexing system that has to balance a large corpus of documents with considerable analytical demands. The tutorial is rounded out with introductions to cloud deployment and Go testing.

What you will learn

Setting up a professional Go development environmentWriting a fully distributed application using Channels and GoroutinesLearning how the Go concurrency paradigm works in practiceUsing REST with Go while keeping the web app running in an optimized fashionTesting a concurrent Go application

作者介绍:

About the Author

Naga Nikhil Anurag Vemuri works as a developer for Zalando in Berlin. He has been speaking at conferences about Go concurrency, trying to plug the gap between the rich literature on concurrency and making full use of Goroutines and channels in practice. He holds a B. Tech in Electronics and Instrumentation from VNR Vignana Jyothi Institute in Engineering and Technology and a masters degree in control systems engineering from the University of Sheffield in the UK.

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