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# Web Development With Go: Building Scalable Web Apps And RESTful Services

## Synopsis

Take a deep dive into web development using the Go programming language to build web apps and RESTful services to create reliable and efficient software. Web Development with Go provides Go language fundamentals and then moves on to advanced web development concepts and successful deployment of Go web apps to the cloud. Web Development with Go will teach you how to develop scalable real-world web apps, RESTful services, and backend systems with Go. The book starts off by covering Go programming language fundamentals as a prerequisite for web development. After a thorough understanding of the basics, the book delves into web development using the built-in package, net/http. With each chapter youâ ™ll be introduced to new concepts for gradually building a real-world web system. The book further shows you how to integrate Go with other technologies. For example, it provides an overview of using MongoDB as a means of persistent storage, and provides an end-to-end REST API sample as well. The book then moves on to demonstrate how to deploy web apps to the cloud using the Google Cloud platform. Web Development with Go provides: Fundamentals for building real-world web apps in GoThorough coverage of prerequisites and practical code examplesDemo web apps for attaining a deeper understanding of web developmentA reference REST API app which can be used to build scalable real-world backend services in GoA thorough demonstration of deploying web apps to the Cloud using the Google Cloud platform Go is a high-performance language while providing greater level of developer productivity, therefore Web Development with Go equips you with the necessary skills and knowledge required for effectively building robust and efficient web apps by leveraging the features of Go.

## Book Information

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## Customer Reviews

"Web Development with Go" is a good book which can be referenced for building web apps and backend APIs using Go. The book provides the real-world guidance on web development, BDD-styled testing, persistence with MongoDB, and working with Google Cloud. The book also covers topics such as Docker. The chapter 9 - "Building RESTful APIs" is the highlight of the book which provides everything for building RESTful APIs, including a solution structure, authentication with JWT, Middleware with Negroni package, persistence with MongoDB and dependency management with GoDep.

This book has 5-star and 1-star parts, so I went for something in the middle.The biggest plus is that the book actually takes you through the major components of building web applications in Go quite well. The (apparently) important components are addressed, one by one, to eventually combine into a working web application.The bad part is are all the small opinions in between paragraphs. The author for example seems very convinced that using 1-letter variables is quick to type. Therefore productivity increases. Go recommends it, therefore Go is productive.The bits of opinions all seem composed with broken or unfounded logic. You really get the sense that the author clearly benefits from Go, but doesn't clearly know why. Alternatively it seems that they are not original opinions, but learned from other developers and the actual original motivations for them is lost.However, I'm also willing to believe that the problems don't stem from a lack of technical skill, but the author simply not being great at writing technical prose. This leads me to the next major issue, I think that this book was poorly edited or not edited at all.Overall I would say that this book is still a fine introduction to the material, but as an experienced developer (not in Go) I found myself often distracted by the poor phrasing and many unsubstantiated and incorrect-sounding opinions.

Web Development with Go, provides a practical insight for building real-world web applications using Go. By simply using chapter 9 titled "Building RESTful APIs", you can build real-world backend APIs with Go.

The book is awesome with really helpful real-world scenarios oriented use cases. For me, I read many books in different programming languages, but almost all of them the content is not based on

a real-world perspective. From this book many code pieces even I could use in a real-world application perfectly. Another best thing is, more example code author shared in github.com and can be used from there. I strongly recommend this book for those who are passionate in Go development.

this is great book.The chapter no 9 give you complete idea about how to write Go web application.

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