100 Go mistakes and how to avoid them

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Material Proyectable

In Video Editions the narrator reads the book while the content, figures, code listings, diagrams, and text appear on the screen. Like an audiobook that you can also watch as a video. Spot errors in your Go code you didn't even know you were making and boost your productivity by avoiding common mistakes and pitfalls. 100 Go Mistakes and How to Avoid Them shows you how to: Dodge the most common mistakes made by Go developers Structure and organize your Go application Handle data and control structures efficiently Deal with errors in an idiomatic manner Improve your concurrency skills Optimize your code Make your application production-ready and improve testing quality 100 Go Mistakes and How to Avoid Them puts a spotlight on common errors in Go code you might not even know you're making. You'll explore key areas of the language such as concurrency, testing, data structures, and more--and learn how to avoid and fix mistakes in your own projects. As you go, you'll navigate the tricky bits of handling JSON data and HTTP services, discover best practices for Go code organization, and learn how to use slices efficiently. About the Technology Understanding mistakes is the best way to improve the quality of your code. This unique book examines 100 bugs and inefficiencies common to Go applications, along with tips and techniques to avoid making them in your own projects. About the Book 100 Go Mistakes and How to Avoid Them shows you how to replace common programming problems in Go with idiomatic, expressive code. In it, you'll explore dozens of interesting examples and case studies as you learn to spot mistakes that might appear in your own applications. Expert author Teiva Harsanyi organizes the error avoidance techniques into convenient categories, ranging from types and strings to concurrency and testing. What's Inside Identify and squash code-level bugs Avoid problems with application structure and design Perfect your data and control structures Optimize your code by eliminating inefficiencies About the Reader For developers proficient with Go programming and syntax. About the Author Teiva Harsanyi is a senior software engineer at Docker with experience in various domains, including safety-critical industries like air traffic management. Quotes Required reading for Go developers before they touch code in production. It's the Go equivalent of Effective Java. - Neeraj Shah, Nutanix Clear and effective examples. Armed with the understanding of how and why mistakes occur, you're equipped to avoid costly errors. - Giuseppe Maxia, Vmware Teiva Harsanyi catalogs real problems and easy-to-miss 'gotchas,' and delves into the nuanced world of why they happen. Not having this book will be your 101st mistake. - Anupam Sengupta, Red Hat Learn good habits by identifying bad ones. The writing is engaging, the examples relevant, and the insights useful. - Thad Meyer, LI-COR Biosciences - Narrated by Christopher Kendrick

Título: 100 Go mistakes and how to avoid them

Edición: Video edition

Editorial: [Place of publication not identified] Manning Publications [2022]

Descripción física: 1 online resource (1 video file (12 hr., 39 min.)) sound, color

Materia: Go (Computer program language) Computer programming

Autores: Harsanyi, Teiva, presenter

Entidades: Manning (Firm) publisher