Go in Action
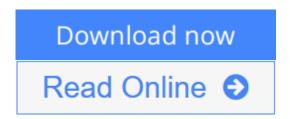
By William Kennedy, Brian Ketelsen, Erik St. Martin

Go in Action By William Kennedy, Brian Ketelsen, Erik St. Martin

Summary

Go in Action introduces the Go language, guiding you from inquisitive developer to Go guru. The book begins by introducing the unique features and concepts of Go. Then, you'll get hands-on experience writing real-world applications including websites and network servers, as well as techniques to manipulate and convert data at speeds that will make your friends jealous.

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

About the Technology

Application development can be tricky enough even when you aren't dealing with complex systems programming problems like web-scale concurrency and real-time performance. While it's possible to solve these common issues with additional tools and frameworks, Go handles them right out of the box, making for a more natural and productive coding experience. Developed at Google, Go powers nimble startups as well as big enterprises—companies that rely on high-performing services in their infrastructure.

About the Book

Go in Action is for any intermediate-level developer who has experience with other programming languages and wants a jump-start in learning Go or a more thorough understanding of the language and its internals. This book provides an intensive, comprehensive, and idiomatic view of Go. It focuses on the specification and implementation of the language, including topics like language syntax, Go's type system, concurrency, channels, and testing.

What's Inside

- Language specification and implementation
- Go's type system
- Internals of Go's data structures

- Testing and benchmarking

About the Reader

This book assumes you're a working developer proficient with another language like Java, Ruby, Python, C#, or C++.

About the Authors

William Kennedy is a seasoned software developer and author of the blog GoingGo.Net. **Brian Ketelsen** and **Erik St. Martin** are the organizers of GopherCon and coauthors of the Go-based Skynet framework.

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Editorial Review

About the Author

William Kennedy is a seasoned software developer, author of the blog GoingGo.Net, and organizer for the Go-Miami and Miami MongoDB meetups.

Brian Ketelsen is one of the organizers of GopherCon, an annual conference for Go developers and coauthor of the Go-based Skynet framework. Brian works with Go daily in a high-stakes production setting.

Erik St. Martin is also one of the organizers of GopherCon an annual conference for Go developers and coauthor of the Go-based Skynet framework. Eric runs his own software consultancy.

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