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## Go Newsletter

Issue 170 — July 27, 2017

### FEATURED

#### [Go 1.9 Release Candidate 1 Released](#)

Progress towards a final release continues. There are [draft release notes](#) if you want to keep up to date with new features.

CHRIS BROADFOOT

#### [Should Go 2.0 Support Generics?](#)

One of Go's most recognized users chimes in on the debate with the two choices that the core team has in regard to its biggest issue.

DAVE CHENEY

#### [Gophercon 2017 Talk Slides, Links and Videos](#)

The largest Go conference took place in Denver two weeks ago and this is the link you need if you want to dig deep into the talks.

GOPHERCON

#### [Make it easy for your IT manager to say yes with ActiveGo](#)

The world's only commercially supported Go distribution for Linux, MacOS and Windows. [Try it for Free.](#)

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#### [The Future of Go](#) VIDEO

The process of evolving Go, through experience reports, and how it worked for issues like type aliases and other changes to the language.

RUSS COX

#### [How Many Go Developers Are There?](#)

Between half a million and a million, perhaps.

RUSS COX

#### [The Future of Latency Profiling in Go](#)

Go lacks some of the instrumentation capability of other languages and there is an effort to start discussing solutions underway.

JAANA B. DOGAN

### JOBS

#### [VP of Engineering \(f/m\)](#)

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## IN BRIEF

### [A New Go Book from O'Reilly: 'Concurrency in Go'](#) **NEWS**

Recently sent to print.

KATHERINE COX-BUDAY

### [\[eBook\] The Ultimate Guide to Building Database-Driven Apps with Go](#)

This book contains years of wisdom from experts & the fastest way to learn how to connect to a database with Go.

VIVIDCORTEX **SPONSORED**

### [A Detailed Tutorial on Channels in Go](#) **TUTORIAL**

GOLANGBOT

### [Adapting Functions in Go](#) **TUTORIAL**

It's possible to use closures to adapt a function to your argument (or other) requirements.

NATE FINCH

### [Building a RESTful API with Go](#) **TUTORIAL**

FRANCIS SUNDAY

### [Be Careful of This Slices 'Gotcha' When Using 'append'](#) **TUTORIAL**

There is a little-known (yet fully documented) side effect of using append that can overwrite your data and be hard to find.

ALLEGRO TECH BLOG

### [Interacting with Ethereum Smart Contracts Using Go](#) **TUTORIAL**

MARIO ZUPAN

### [A Look at Go 'Anti-Patterns'](#) **VIDEO**

A quest to define "idiomatic" Go by looking at several anti-patterns.

EDWARD MULLER

### [Writing a Go Tool to Parse and Modify Struct Tags](#) **VIDEO**

FATIH ARSLAN

### [Subtle Issues with ORMs, and How to Avoid Them](#) **OPINION**

Some folks think ORMs are the root of much evil, but here are some ways to use them for great good.

JON CALHOUN

### [Are We There Yet? The Go Generics Debate](#) **OPINION**

A discussion on the generics fork in the road and opinion that generics is simpler than Go's current options.

TYLER TREAT

### [Minimock: A Powerful Mock Generation Tool](#) **TOOLS**

JUNO INC.

### [Get real-time custom metrics from your Go apps](#)

Instrument your Go apps in a few lines of code to start graphing metrics and setting up alerts in minutes.

DATADOG **SPONSORED**

### [Boutique: Immutable Data Storage](#) **CODE**

Supports middleware and subscription to field-level changes.

JOHN DOAK

### [go-css-parser: A Very Simple CSS Parser](#) **CODE**

LUKA NAPOTNIK

### [Gentleman: Plugin-Driven, Middleware-Oriented HTTP Client Toolkit](#) **CODE**

TOMÁS APARICIO

### [pargo: A Library for Parallel Programming in Go](#) **CODE**

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