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Go Newsletter

Issue 140 — December 22, 2016

FEATURED

In this final issue of the year, we look back at the most popular Go news and links of 2016. We hope you have a happy holiday season and we'll see you in 2017 :-)

Go Best Practices, Six Years in

A great set of insights and tips from an experienced Go developer. This got a lot of love on social media and is a must read.

PETER BOURGON

What To Look Forward To in Go 1.8

Still in beta, but due for release soon, this brief explanation by Brad Fitzpatrick was our most popular link of the year. [This more extensive writeup](#) by Tyler Christensen was also popular.

REDDIT

Go's Alias Proposal and Concerns of Google 'Controlling' Go

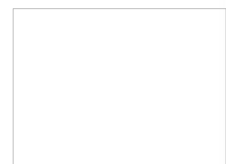
A worthwhile summary of an issue still affecting Go, although the feature was recently dropped from inclusion in 1.8 after some initial prototyping revealed issues.

JACK LINDAMOOD

A Visual Map of Your Redis Memory

Do you know what's taking up all your Redis memory? RedisMonitor creates an interactive map of your Redis memory to show you. Starts at just \$7 per month.

REDISGREEN **SPONSORED**



Go: How I Start

A 'from scratch' look at beginning to use Go and how Peter Bourgon, a Go evangelist and engineer at SoundCloud, likes to get a Go project started.

PETER BOURGON

10 Million Concurrent WebSockets

A look at how using a stock debian-8 image and a Go-backed server, you can handle 10M concurrent connections with low throughput and moderate jitter.

GOROUTINES

How Uber's Highest Query per Second Service is Built on Go

A look at how Uber approached building a geofence lookup system in Go and how Go has helped them build and scale it so quickly.

UBER

Build Your Own Container in Fewer Than 100 Lines of Go

A look at how it's possible to build a simple container using a small amount of Go.

JULIAN FRIEDMAN

JOBS

Backend Software Engineer (Zürich, Switzerland)

Centralway are seeking an experienced programmer to come and join the team. The right candidate will be responsible for the continuous development and improvement of the backend and service architecture of Centralway Numbrs. [Apply here.](#)

CENTRALWAY NUMBRS AG

Want a New Job for the New Year? - Try Hired

Get ahead of your New Year resolutions! Find your dream job on Hired, where companies apply to you.

HIRED

IN BRIEF

Go Fonts: New Fonts Specifically Designed for Go Code NEWS

NIGEL TAO, CHUCK BIGELOW AND ROB PIKE

Changes Coming to 'database/sql' in Go 1.8 NEWS

DANIEL THEOPHANES

Write React Components in Go TUTORIAL

BJØRN ERIK PEDERSEN

A Walkthrough of the Go 'io' Package TUTORIAL

BEN JOHNSON

Building Webapps and Microservices Using Gin TUTORIAL

KULSHEKHAR KABRA

Visualizing Concurrency in Go TUTORIAL

IVAN DANILUK

[Video] Partial indexing on PostgreSQL for improved query performance VIDEO

Chris Erwin from Elemenio describes what partial index is, how to use it, and shows some practical examples.

COMPOSE SPONSORED

Traps, Gotchas, and Common Mistakes for New Go Devs TUTORIAL

KYLE QUEST

How to Correctly Use context.Context in Go 1.7 TUTORIAL

JACK LINDAMOOD

From 0 to Microservice in 5 Minutes with Go TUTORIAL

NIC JACKSON

Awesome Go LibHunt: Curated Go Tools and Libraries TOOLS

Hundreds of Go resources (mostly libraries and tools hosted on GitHub) organized into categories.

LIBHUNT

Gallium: Build Desktop Apps with Go and HTML TOOLS

ALEX FLINT

Simple to use, powerful programming language need a home? TOOLS

Use a simple, powerful hosting company.

LINODE SPONSORED

easyjson: A Fast JSON serializer for Go CODE

MAIL.RU

zap: Fast, Structured, Leveled Logging, by Uber CODE

UBER

Qt 5.7 Bindings for Go CODE

THE RECIPE

go-chart: A Basic Chart Drawing Library CODE

WILL CHARCZUK

android-go: A Platform for Writing Android Apps in Go CODE

MAXIM KUPRIANOV

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