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Go Newsletter

Issue 116 — June 30, 2016

FEATURED

Gophers, Please Tag Your Releases OPINION

Go projects 'don't have versions, at least not in the way that our friends in other languages use that word.' Dave wants to improve the situation by encouraging us all to tag our releases.

DAVE CHENEY

Data-Driven / Parameterized Tests in Go TUTORIAL

Elliot got tired of writing boiler-plate code for his tests, and here he takes a look at Go 1.7's 'named tests' and Gingko's table driven tests.

ELLIOT CHANCE

The Complete Guide to net/http Timeouts TUTORIAL

"When writing an HTTP server or client in Go, timeouts are amongst the easiest and most subtle things to get wrong.."

FILIPPO VALSORDA

See inside your Redis database. New memory mapping from RedisGreen

RedisGreen builds a map of your Redis memory usage, tracking the size of keys over time, helping you track down problems and gain new insights.

REDISGREEN SPONSORED



Custom Encoding: Go Implementation in net/rpc vs. grpc STORY

A look at the implementation details behind, and motivations for, dgraph's switch from net/rpc to Google's [grpc](#).

MANISH RAI JAIN

GoDS: Go Data Structures CODE

A dizzying amount of data structures for Go developers including sets, lists, maps, trees, hashsets, arraylists, linked lists of various types, red/black trees, and more.

EMR PASIC

Analyzing Go Code with BigQuery STORY

Google's BigQuery now has all of the public code on GitHub as a dataset you can query against, so Francesc dug into some interesting Go-related stats.

FRANCESC CAMPOY

Why Go's Structs Are Superior to Class-Based Inheritance TUTORIAL

"Go has two awesome features that make its model of polymorphism way more powerful than classical inheritance: interfaces and struct embedding."

IAN MACALINAO

Dynamic Image Resizing in Go by Seam Carving CODE

Seam carving allows for an image to be resized without simply cropping or scaling the original image.

ALEX PARELLA

JOBS

Platform Engineer - Oakland, CA

We are looking for a Platform Engineer to build a foundation for the future of the VSCO Platform. If you value programming over specialisation, join us in helping millions of users make and experience art. Relocation and excellent benefits provided.

VSCO

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IN BRIEF

dotGo: The European Go Conference (Paris, October 10) NEWS

9 speakers have already been announced, including Katrina Owen, Dave Cheney, and Matthew Holt.

[DOTGO.EU](#)

SQL Dashboards in a Flash TOOLS

Periscope Data lets you run analyses over billions of rows in seconds.

[PERISCOPE DATA](#) SPONSORED

A Brief Intro to TCP 'keep-alive' in Go's HTTP Implementation TUTORIAL

[NAN XIAO](#)

Using AWS ElastiCache Memcached Cluster in Go TUTORIAL

[ANTONI MASSÓ MOLA](#)

go-msi: Generate MSI Packages for a Windows Go Project TOOLS

[GITHUB.COM](#)

Go Kit: A Toolkit for Microservices TOOLS

[PETER BOURGON](#)

Go monitoring in real-time TOOLS

Track, graph, and alert on Go metrics via the expvar package, and correlate custom Go metrics with performance metrics from across your stack. Try Datadog today.

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Monkit: A Code Instrumenting and Data Collection Library CODE

A flexible process data collection, metrics, monitoring, instrumentation, and tracing client library for Go.

[SPACE MONKEY GO](#)

A Go Driver for Neo4j's 'Bolt' Binary Protocol CODE

[JOHN NADRATOWSKI](#)

certigo: A Utility to Examine and Validate Certificates in A Variety of Formats CODE

[SQUARE](#)

Boom: HTTP(S) Load Generator, Written in Go CODE

[BURCU DOGAN](#)

Function as a Service for Docker in Go CODE

[CHANWIT KAEWKASI](#)

MailYak: An Elegant MIME/SMTP Email Library with Support for Attachments CODE

[DOMODWYER](#)

de-ip-hdmi: Convert A IP HDMI Converter Into A MKV Stream CODE

[BEN COX](#)

Barely: A Status Bar to Pretty Display a Go Program's Progress CODE

[RECONQUEST](#)

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