Golang Weekly

Go Newsletter

Issue 166 — June 29, 2017

FEATURED

The State of Go with Francesc Campoy `VIDEO`

In a 20 minute talk, Francesc gave his latest update on where Go is at, upcoming changes to the language, and the growth of our community.

GOPHERFEST 2017

For Range Semantics

Bill Kennedy looks at how the `for range` statement provides both a value and pointer semantic form and the mechanics around this.

WILLIAM KENNEDY

Go 1.9 Beta 2 Released

Stay up to date with what's new in 1.9 with the draft release notes and be sure to file issues for problems you encounter.

CHRIS BROADFOOT

Docker for Windows, Linux and Mac

In this free eBook you will get an overview of Docker's new native applications for Windows and Mac, alongside tips and gotchas on how to use Docker on these platforms.

CODESHIP `SPONSORED`

Leveraging Interfaces in Go

Runs through an example using an interface from the standard library to enforce the data requirements of an application.

TAMIZHVENDAN S

A C++ Developer Looks At Go

The first installment of a series looking at the design and choices of Go from the perspective of a C/C++ developer.

MURRAY CUMMING

Stencil: Simple Code Templating for Go

Another approach at bringing some of the benefits of generics to Go using code generation.

SRIDHAR VENKATAKRISHNAN

JOBS

Golang Developer - Elastic/Beats Team (Remote)

We're looking for a Developer to join our Beats team to help maintain the Beats, create new ones, and show support to the community.

ELASTIC

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IN BRIEF

Google App Engine Adds (Beta) Support for Go 1.8 `NEWS`
GOOGLE CLOUD PLATFORM

Gogland EAP 10 (JetBrains' Go IDE) Adds Go 1.9 Support `NEWS`
JETBRAINS

Working with Ethernet Frames from Go `TUTORIAL`
MATT LAYHER

Multiplexing Golang Channels to Maximize Throughput `TUTORIAL`
Using a tidy file format and Golang's concurrency, our new backup & restore tools are faster, simpler, & more featureful.
MONGODB `SPONSORED`

Compile-Time Checking for Deadlocks and Channel Panics `TUTORIAL`
Based on a research paper, the post uses two tools (MiGo and Gong) to find concurrency issues at compile time.
EMIL HESSMAN

Writing Expressive Tests with Ginkgo and Gomega `TUTORIAL`
Ginkgo is a BDD framework and Gomega is a set of assertions and matchers.
LANRE-ADELOWO

Basic Testing Patterns in Go `TUTORIAL`
AGREA

Searching for Unprotected Redis Instances with Go `TUTORIAL`
GÖKBERK YALTIRAKLI

goman: The Missing Man Pages for Go Binaries `TOOLS`
A tool that fetches the README file for Go binaries from one of many possible locations and formats the page in the terminal.
APPLIED GO

$20 Free Credit on a New Account
Linux cloud hosting starting at 1GB of RAM for $5/mo. Use promo code GO20 for $20 credit.
LINODE `SPONSORED`

Badger: A Super Fast Key-Value Store in Native Go `CODE`
DGRAPH

tcpproxy: Build TCP Proxies with Optional Routing Facilities `CODE`
GitHub repo.
BRAD FITZPATRICK

HyperLogLog: An Improved HyperLogLog Implementation for Go `CODE`
AXIOM, INC.

pREST: Serve A RESTful API From Any Postgres Database `CODE`
NUVEO

graceful: Graceful Shutdown of Go 1.8+ Servers using Server.Shutdown `CODE`
TV4

hutplate: A net/http Wrapper With Extra Functionality `CODE`
Adds functions for sessions, HTTP error handling, flash messages, etc.
MUHAMMAD USMAN

Liblb: A Study and Replication of 4 Load Balancing Algorithms in Go `CODE`
KHALID LAFI

Hermes: A Minimalist, Easy to Deploy, Dependency Free File Server `CODE`
GEORGE HOSU

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