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Go Newsletter

Issue 163 — June 8, 2017

FEATURED

Go Play Space: An Experimental Go Playground TOOLS

An experimental alternative to the [Go Playground](#) that includes syntax highlighting, themes, and keyboard shortcuts, and uses [GopherJS](#). [Source here](#).

IGOR AFANASYEV

'expvar' in Action for Gathering Metrics

A look at one of the lesser known but more useful standard library packages, `expvar`, which exposes metrics about your application.

AUKE WILLEMOOSTERHOFF

Benchmarking Go Programs

Various ways to get benchmarks out of your Go tests, from basic Go benchmarks to flame graphs of function calls.

TIT PETRIC

Multiplexing Golang Channels to Maximize Throughput

While rewriting our database backup utility, `mongodump`, we utilized a “divide-and-multiplex” method to marry a high-throughput concurrent workload with a serial output. [Check it out](#).

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Embedding Go and groupcache in Python

It's possible to use Go to create C-like extensions that can be used in Python.

NATHAN VAN GHEEM

Unique IDs in Go

The third entry in a series on sequential UUIDs comparing UUIDs to ULIDs and looking at the current package options.

ANTONIO MACÍAS OJEDA

Our Go is Fine but Our SQL is Great

Why Bumpers eschew using an ORM and write their SQL queries themselves, along with the pros and cons of doing so.

BUMPERS

JOBS

Golang Backend Engineer (Berlin, Germany) (f/m)

We're looking for senior Golang developers interested in building scalable backend services for real-time anti-fraud detection.

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IN BRIEF

Gracefully Terminating a Program in Go TUTORIAL

ALEXANDER GUZ

Quick Tip: Wrapping http.ResponseWriter for Middleware TUTORIAL

UPGEAR

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Linux Namespaces and Go Don't Mix STORY

An interesting and somewhat concerning bug with goroutines and Linux namespaces.

WEAVE WORKS

`financial` Package for Go: The Math Behind the IRR function STORY

Not finding a financial package in Go, Skyline created one that includes things like IRR and NPV, if you're into to that sort of thing.

OR HILTCH

Understanding Go Interfaces VIDEO

FRANCESCA CAMPOY

Debugging Goroutine Leaks VIDEO

KARTHIC RAO

17 Talk Videos from GopherChina 2017 VIDEO

Note: Most talks are in Chinese.

YOUTUBE

Try Codeship Basic: simple hosted CI that works out of the box

Get set up with our hosted Continuous Integration service in under 3 minutes. Join thousands of customers like InvisionApp & Whole Foods.

CODESHIP SPONSORED

Gocker: A Starter Project using Docker and Go TOOLS

Includes automatic rebuild in development mode and a production Dockerfile.

IRWIN LOURDET

vg: A dep Compatible Solution to Managing Dependencies TOOLS

Addresses many of the pains of using a vendor directory.

STREAM

aah Framework: A Scalable, Performant, Rapid Development Web Framework TOOLS

aah is opinionated, HTTP/2 capable, and well-documented.

AAHFRAMEWORK.ORG

vim-go 1.13 Released: The Go Development Plugin for Vim TOOLS

FATHI ARSLAN

envy: Automatic Environment Variables for CLI Flags CODE

JAMIE ALQUIZA

Furan: Builds and Pushes Docker Images From GitHub to a Specified Target CODE

DOLLAR SHAVE CLUB

ksuid: K-Sortable Globally Unique IDs CODE

KSUIDs are globally unique IDs but containing a sortable time component.

SEGMENT

Duplicacy: A Lock-Free Deduplicating Cloud Backup Tool CODE

GILBERT CHEN

Embed: Static Content Embedding for Go Binaries CODE

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