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Go Newsletter

Issue 167 — July 6, 2017

FEATURED

Go Tooling in Action

Materials for a workshop covering the tools gophers use in day to day development. The workshop is based off a [40 minute talk](#) Francesc gave last year.

FRANCESC CAMPOY

Profiler Labels in Go 1.9

1.9 adds the ability to add tags/labels to areas of code for more effective profiler tracing.

JAANA B. DOGAN

Want to start using Go in your enterprise?

Satisfy your company's requirements for commercial support, security and license compliance with ActiveGo, the only supported Golang distribution. [Start using ActiveGo for free in development.](#)

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Shiny: Alternative Server Framework using I/O Multiplexing

Uses direct epoll and kqueue syscalls (a la libuv or Redis) rather than the standard Go net package. There's even [an example of an ultra-simple Redis 'clone'](#) built with it.

JOSH BAKER

GoReleaser: A Tool for Delivering Go Binaries Quickly

Builds Go binaries for several platforms, creates a GitHub release and pushes a Homebrew formula.

GORELEASER

d3d9: A Pure Go Wrapper for Microsoft's Direct3D9 API

Now using pure Go without CGo meaning you can create desktop apps on Windows without the need to install MinGW or Cygwin.

GONUTZ

kolpa: A Fake Data Generator

Currently generates fake names, addresses, colors, date/times, and user agents on demand.

MUHAMMED ALI SIT

JOBS

VP of Engineering (f/m)

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IN BRIEF

[Go Internals: The Benefits of Named Return Values](#) TUTORIAL

While using named return values may result in slightly less code, it does a lot more for the compiler.

MINIO

[HTTPS for Free in Go](#) TUTORIAL

A few options and rules on how to serve your Go-based web application over HTTPS without spending any cash.

KRZYSZTOF KOWALCZYK

[Why Go Interfaces are Awesome](#) TUTORIAL

JAY MCGAVREN

[Implementing 6 Sorting Algorithms in Go](#) TUTORIAL

RICHARD KNOP

[Reduce Cognitive Load with Code Readability](#) TUTORIAL

ANTON LINDSTRÖM

[Mocking Dependencies in Go](#) TUTORIAL

AGREA

[Some Simple Go Concurrency Tips](#) TUTORIAL

An ongoing collection of tips, gotchas, and tricks around goroutines and channels.

UDHOS

[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.

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[Why Every Gopher Should Be a Data Scientist \[PDF\]](#) SLIDEDECK

IVAN DANYLIUK

[Rapid Web Development in Go with Buffalo](#) VIDEO

MARK BATES

[\\$20 Free on a new Linode account.](#)

Linux cloud hosting starting at 1GB of RAM for \$5/mo. Use promo code GO20 for \$20 credit.

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[Buffalo v0.9.0 Released: A Go Webapp Framework](#) CODE

This version has automatic Docker images, background workers, and more.

BUFFALO

[tfgo: Easier Tensorflow Bindings for Go](#) CODE

PAOLO GALEONE

[Smith: A Microcontainer Builder](#) CODE

For building microcontainers from rpm packages or oci images.

ORACLE

[Chi 3.0: A Lightweight, Idiomatic and Composable Router for HTTP Services](#) CODE

GITHUB.COM

[elvish: A Unix Shell Written in Go](#) CODE

GITHUB.COM

[memory: A Memory Allocator](#) CODE

Yep, with calloc, malloc, and free.

GITHUB.COM

[Chart: Quick Chart Generation from Data on STDIN](#) CODE

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