Golang Weekly

Go Newsletter

Issue 135 — November 10, 2016

Numerous readers reported last week's Go newsletter as being censored by Gmail, so we're resending a slightly tweaked version of it to you today as we believe you were affected. Apologies if you've received this twice, however.

This week's normal Go newsletter will go out tomorrow (Thursday) as usual and hopefully make it through Gmail's systems :-)

FEATURED

Go Turns 7 Years Old `NEWS`

As Go turned 7 last Thursday, core team member Russ Cox reflects on Go's maturity.

RUSS COX

What's Coming in Go 1.8 `NEWS`

A quick writeup of some of the features coming to Go 1.8, due for final release in early 2017.

TYLER CHRISTENSEN

Aliases Pushed Back to Go 1.9 After Issues Discovered `NEWS`

After prototyping the idea of alias declarations in Go, 2 major issues have been discovered that have resulted in the idea being pushed back to Go 1.9.

RUSS COX

Go Beyond Stacktraces. Understand the 'Why' Behind Application Errors. Free to Try.

Capture the complete state of your Go applications at the time of error. See all goroutines and variables. Inspect what's waiting in your channels. Gain deep insight into your application and take control of your errors.

BACKTRACE.IO

q: Quick Debugging Output from Go Code `CODE`

Use this instead of Printf and your variables will be printed in a way that's more useful in debugging scenarios.

RYAN BOEHNING

goja: An ECMAScript 5.1 Implementation Written in Go `CODE`

Boasts full ES5.1 support, that it passes nearly all TC39 tests tagged ES5, and that it's 6-7x faster than Otto, the Go JavaScript interpreter.

GITHUB.COM

Aurora: ANSI Colors for Go, Supports Printf/Sprintf `CODE`

Makes it easy to print text and use ANSI colors on the terminal.

KONSTANTIN IVANOV

Introducing Stow: Cloud Storage Abstraction Package for Go `TOOLS`

An open-source abstraction on top of Amazon S3, Microsoft Azure Blob Store, Google Cloud Storage, and more for interacting with such storage providers in Go.

MAT RYER

The Story of the Dreadful Code Written by the Best of Us `VIDEO`

Katrina Owen tells the tale of taming a messy codebase. *17 minutes.*

KATRINA OWEN

JOBS

Go Software Engineer at Amazon Web Services (Seattle, WA)
We're looking for opinionated engineers to join our team in building an infrastructure-as-code tool unlike any you've seen before, powering the expansion of the world's largest cloud datacenter footprint.

AMAZON.COM

Find Your Perfect Fit - Try Hired
Sick of pushy recruiters, and dead end interviews? Try Hired to hear from top tier companies, and only talk to relevant companies.

HIRED

IN BRIEF

Using Contexts to Avoid Leaking Goroutines `TUTORIAL`
Good/useful enough to include again.
JAANA BURCU DOGAN

Using Binary-Only Packages in Go `TUTORIAL`
SHIJU VARGHESE

Creating a Simple Particle Simulation with Go `TUTORIAL`
WILLIAM FERGUSON

Free eBook: Deploying Docker Apps to AWS `TUTORIAL`
In this eBook you will learn how to set up Continuous Deployment to Amazon Web Services (AWS) for your Docker Apps.
CODESHIP `SPONSORED`

Handling 1 Million Requests per Minute with Go `STORY`
A golden oldie.
MARCIO CASTILHO

Developing an API With Go Using NoSQL and N1QL `VIDEO`
NIC RABOY

Project Flogo: Go-Powered Open Source IoT Integration Framework `TOOLS`
KAI WAHNER

gotests: Generate Table Driven Tests From Your Source Code `TOOLS`
CHARLES WEILL

Simple to use, powerful programming language need a home? `TOOLS`
Use a simple, powerful hosting company.
LINODE `SPONSORED`

A Simple DNS Sniffer `CODE`
DAVE VASSALLO

Microsoft's Azure Container Service Engine: Builds Docker Enabled Clusters `CODE`
Mostly written in Go.
MICROSOFT AZURE

Cache: Partial Implementations of Guava Cache in Go `CODE`
GOBURROW

Gleam: A High Performance and Efficient Distributed Execution System `CODE`
Written in Go and LuaJIT.
CHRIS LU

Cyclone: A Cloud Native CI/CD Platform Built for Container Workflow `CODE`
CAICLOUD

httpsnoop: Capture HTTP Related Metrics from http.Handlers `CODE`
FELIX GEISENDORFER

utron: A Lightweight MVC Framework for Go `CODE`
GEOFREY ERNEST

Email: A Minimal SMTP Client `CODE`
Handles MX lookup and connections on common ports.
STEVE MANUEL

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