

[« Prev](#)[Next »](#)

Go Newsletter

Issue 120 — July 28, 2016

It's been a bit of a slim week for things to pick for the newsletter this week - everyone in the Northern Hemisphere must be enjoying summer :) The good news, then, is if you have a Go project, library, news, or tutorial to share, hit reply and we'll try our best to include it next week.

FEATURED

GAS: A Go AST Scanner TOOLS

Inspects source code for security problems by scanning the Go AST and matching results against a set of predefined 'rules'.

HEWLETT PACKARD ENTERPRISE

go-dotnet: Go Wrapper for the .NET Core Runtime TOOLS

A proof of concept. Can help you load and run .NET EXEs or load DLLS, setup delegates, and call them from Go functions.

MATIAS INSAURRALDE

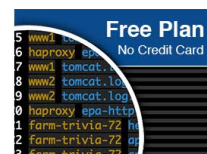
Scott Mansfield Talking About Using Go at Netflix PODCAST

An hour long podcast with Scott Mansfield who talks about Go at Netflix, performance, latency and caching, Rend (their memcached proxy), and more.

THE CHANGELOG

Point logs from logrus, go-logging, go-log, log15, or text files at Papertrail

Get a flight data recorder for your apps and systems. Papertrail supports the same RFC-defined protocols that every Go logging library does, so capturing output is painless. Or, already logging to files? Use our tiny Go-based file watcher daemon.

PAPERTRAIL SPONSORED

Go Enters IEEE's Top Programming Languages in 2016 NEWS

Go comes in as IEEE Spectrum's 10th top language for 2016.

IEEE SPECTRUM

JOBS

Stop wasting time - know what you'll earn before the interview

On Hired, sign up in 10 minutes and get offers from top companies like GitHub, Uber, & Stripe. Engineers get an average of 5 offers on the platform in 1 week

HIRED.COM

IN BRIEF

Announcing Go 1.6 Support for Amazon Linux NEWS

LAMBDA LINUX

Go 1.7 Release Candidate 3 Released NEWS

GOOGLE.COM

Generating Secure Random Numbers Using crypto/rand TUTORIAL

MATT SILVERLOCK

A Look At Some of Go's Subtleties Regarding The Use of Interfaces TUTORIAL

CLEMENT REY

Modifying A Go Slice In-Place During Iteration TUTORIAL

PAUL SMITH

Accelerating SHA256 by 100x in Go on ARM STORY

The 64-bit ARMv8 core has introduced new instructions for SHA1 and SHA2 acceleration.

FRANK WESSELS

On The Memory Alignment of Go Slice Values STORY

Go's slices are not aligned to a 32-byte boundary. Here's a description of the alignment issue and two devised solutions.

XUANYI CHEW

Automate your Go app delivery with Shippable TOOLS

With Shippable automate your Go app delivery pipelines, with flexibility to work with your existing setup. Plans from \$0, no CC required.

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Building Web Pages using The html/template Package VIDEO

AARON SCHLESINGER

Implementing Virtual Machines in Go and C VIDEO

INFOQ

gocelery: Celery Distributed Task Queue in Go CODE

Celery is a popular task queue in the Python world.

SICK YOON

orgalorg: Parallel SSH Command Executioner and File Synchronization Tool CODE

RECONQUEST

pokevision-cli: A CLI Interface for the PokeVision API CODE

Go(tta) catch em all..

JACOB MARSHALL

Correlate app performance with runtime metrics TOOLS

Datadog makes it simple to graph custom metrics from your Go apps alongside memory and GC stats from expvar.

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