Golang Weekly

Go Newsletter

Issue 143 — January 19, 2017

FEATURED

Eric S Raymond on Rust vs. Go OPINION

An opinionated comparison of Rust vs. Go for NTPsec's (a security hardened version of NTP) purposes. He's bullish on Go, and this provoked a huge discussion on Hacker News.

NTPSEC PROJECT BLOG

OK Log: Distributed, Coordination-Free Log Management System TOOLS

Aggregate your logs into one place and easily grep them or run them through a custom log pipeline - all on your own hardware. The creator has done a great write up too.

OK LOG

My Go Resolutions for 2017

"I want to make sure that the work we do on the Go team has a significant, positive impact on Go developers"

RUSS COX

Real-time Go app performance monitoring

Graph custom Go metrics, correlate with other systems, and set sophisticated alerts, all in one place.

DATADOG SPONSORED

A Virtual Brainf*** Machine In Go STORY

An enjoyable walk through the process of building a simple interpreter in Go.

THORSTEN BALL

Shenzhen Go: An Experimental Visual Go Environment CODE

Inspired by games like TIS-100 and Shenzhen I/O (if you've not played it, you've gotta check it out) Shenzhen Go provides a UI to edit a 'graph' of Goroutines connected by channels.

GOOGLE

JOBS

Go Developer at Geckoboard (London, UK)

Come help us build our new data pipeline in Go. Great work/life balance, regular "innovation" days, and a team that <3 to learn!

GECKOBOARD

IN BRIEF

Go 1.8 Performance Improvements on ARM/Raspberry Pi NEWS

REDDIT

Subgraph OS: An Alpha 'Adversary Resistent' OS That Heavily Uses Go NEWS

SUBGRAPH.COM

The Hidden Costs of Data Engineering

Managing databases in today's environments presents many complex problems. See the impact in this 2016 survey.

VIVIDCORTEX SPONSORED

An Introduction to Self-Organizing Maps in Go with 'gosom' `TUTORIAL`
MILOS GAJDOS

Debugging Go with Delve from Visual Studio Code `TUTORIAL`
AEROBATIC.IO

How to Super Charge Your Sublime Text for Go Development `TUTORIAL`
ARSHAM SHIRVANI

Grumpy: Running Python on Go `PODCAST`
Dylan Trotter recently unveiled Grumpy, a Python implementation based on Go. *52 minutes*.
TALKPYTHON PODCAST

Go vs. Swift: The Languages of The Modern Tech Giants [PDF] `OPINION`
A very high level comparison.
JAKE ROCKLAND

Building Efficient Microservices in Go `OPINION`
UMAR NIZAMANI

Go Meta Linter: Concurrently Run Linting Tools and Normalize Their Output `TOOLS`
ALEC THOMAS

Rich-Go: Enrich 'go test' Outputs with Text Decorations `TOOLS`
KYOICHIRO YAMADA

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

fchan: An Experimental Fast Channel Implementation for Go `CODE`
GOOGLE

Ebiten: A Simple SNES-Style 2D Game Library `CODE`
HAJIMEHOSHI.GITHUB.IO

Snap: A Powerful Telemetry Framework from Intel `CODE`
A plugin-based framework for enabling the gathering of telemetry from systems.
INTEL SDI

go-casper: A Proof of Concept of Implementing Cache-Aware Server Push `CODE`
TAICHI NAKASHIMA

gago: A Toolkit for Implementing Genetic Algorithms in Go `CODE`
MAX HALFORD

gitql: An SQL-Based Git Repository Querying Tool `CODE`
CLAUDSON OLIVEIRA

Cobra: A Library for Building Command Line Interfaces `CODE`
Used by Kubernetes, Hugo, rkt, GopherJS, and more.
STEVE FRANCIA

A CHIP-8 Emulator Written in Go `CODE`
Cross platform and uses SDL for rendering.
JEFFREY MASSUNG

The Most Used Words in Go Code
A gopher-shaped word cloud, based on public GitHub data.
ANDREI KASHCHA

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