Golang Weekly

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Issue 178 — September 21, 2017

FEATURED

Allocation Efficiency in High-Performance Go Services

Understanding how Go allocates memory stack vs. heap, which allocation costs more, and how to write code to be more memory efficient.
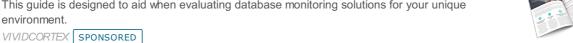
SEGMENT

The Ultimate Guide to Writing a Go Tool

A very thorough tutorial for building a tool to add tags to struct fields via command line or within an editor.

FATIH ARSLAN

Database Performance Monitoring Guide

This guide is designed to aid when evaluating database monitoring solutions for your unique environment.

VIVIDCORTEX SPONSORED

27 Talks from the Golang UK Conference 2017 VIDEO

Lots of great stuff here, like a talk on static analysis in Go, to fighting latency and deep learning.

YOUTUBE

Chroma: A General Purpose Syntax Highlighter in Pure Go

Takes source code and other structured text and syntax highlights it. Inspired by Pygments and supports over 100 languages.

ALEC THOMAS

20 Data Structures and Algorithms Implemented in Go

Binary Search, Quick Sort, and the Tower of Hanoi are just a few of the code examples here.

GOLANGPROGRAMS.COM

Don't Be Afraid of Makefiles

Yep, you can use good old `make` for building your Go projects.

RADOMIR SOHLICH

JOBS

Netflix Senior Software Engineer — Open Connect Edge Accelerator

Join a small team working on an exciting new project around API acceleration on top of the Netflix's CDN (Open Connect).

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IN BRIEF

Creating TCP Servers That Run Like Clockwork `TUTORIAL`
SAHIL MUTHOO

Creating a Flappy Bird-Style Game in Go `VIDEO`

FRANCESC CAMPOY

Should the Go Project Just Use GitHub for Everything? `OPINION`
NATE FINCH

Badger vs LMDB vs BoltDB: Benchmarking Key-Value Databases in Go `OPINION`
How key-value store Badger compares against two other options.
DEEPAK JOIS

Set up Unlimited Free CI/CD with Semaphore and GitHub
Discover why teams at Intel, CoreOS and systemd choose Semaphore for high-performance, reliable continuous integration.
SEMAPHORE `SPONSORED`

wuzz: Interactive CLI Tool for HTTP Inspection `TOOLS`
Uses the same options a cURL with a much richer interface.
ADAM TAUBER

Alloy: Boilerplate for Creating Web Applications in Go `TOOLS`
GROWTH METRICS

Cruise Automation Uses CircleCI to get self-driving cars on the road
Cruise Automation (a subsidiary of GM) chose CircleCI to help their team get autonomous vehicles on the road.
CIRCLECI `SPONSORED`

Elastic: An Elasticsearch Client for Go `CODE`
OLIVER EILHARD

Pluck: 'Pluck' Text in A Fast and Intuitive Way `CODE`
A Go-written tool for extracting text using patterns.
ZACK

cp: A Go Port of Chipmunk2D, a 2D Game Physics Library `CODE`
JAKE COFFMAN

BGWorker: Background Worker Processes for Postgres `CODE`
Written in Go.
PREST

'cache-control' Middleware for Go `CODE`
KAVEH SHAHBAZIAN