Golang Weekly

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Issue 202 — March 15, 2018

It's been a surprisingly quiet week for big Go related news, but we have quite a lot of code links for you - find them at the bottom of this issue :-)

If you have any Go articles or projects we should consider for a future issue, hit 'reply' to this newsletter, and send them in. We read all submissions and most make it into an issue.

- The Golang Weekly Team (Peter, Glenn, Chris, and Za'e)

FEATURED

Go Date Parser: Parse Any Date String Without the Format

Uses a state machine to establish the format. Includes many tests covering a wide variety of date and time formats.

AARON RADDON

Building a URL Shortener with Go and AWS Lambda

A tutorial leaning on the new native support for Go on AWS's serverless platform, Lambda.

TIN RABZELJ

☐ Release Code With Confidence... VIDEO

"It would be a challenge to release code as often as we do if we didn't have the right tooling in place. Sure, I could deploy code changes without monitoring production errors, but it would be a lot more stressful." Learn more.

ROLLBAR SPONSORED

Code Your Own Blockchain Mining Algorithm in Go

Tutorials like this really help drive understanding of a difficult concept. Just don't expect to get rich from this one :-)

CORAL HEALTH

MarketStore: A Financial Time-Series Database

A newly open-sourced database server optimized for financial time-series data written in pure Go. GitHub repo.

ALPACA

Gitkube: Deploy to Kubernetes with a 'git push'

A Go-powered tool for building and deploying Docker images on Kubernetes with a simple `git push`.

HASURA

JOBS

Golang Developer

We are currently seeking a number of highly skilled and talented System Developers to join our dedicated development team in Dublin.

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VETTERY

IN BRIEF

Integrating a Go Service with systemd `TUTORIAL`
VINCENT BERNAT

Hugo Tutorial: How to Build & Host a (Very Fast) Static E-Commerce Site `TUTORIAL`
SNIPCART `SPONSORED`

A Quick Comparison of Different Go File Walk Implementations `TUTORIAL`
BEN E. C. BOYTER

Learn Go Through Testing 'Hello World' Programs `TUTORIAL`
A relatively novel way to learn the basics.
CHRIS JAMES

Go Is Amazing, So Here's What I Don't Like About It `OPINION`
It's subjective, but there are lots of interesting points here nonetheless.
SIMONE MARGARITELLI

On-Demand Webinar: Golang for In-Memory Data Grids `VIDEO`
Take a look at IMDG from the perspective of the Go programmer. What is an IMDG? And what you can do with it.
HAZELCAST `SPONSORED`

Performance and Scaling Techniques using Go Assembly `VIDEO`
FRANK WESSELS

Alpha 2 of MongoDB's Official Go Driver `CODE`
Still not recommended for production, but work is progressing well.
MONGODB, INC.

gorush: A Push Notification Server Written in Go `CODE`
Supports APNS and Firebase.
BO-YI WU

celltree: Fast In-Memory Prefix Tree That Uses Uint64 for Keys `CODE`
…and allows for duplicate entries.
JOSH BAKER

Gokini: A Pure Go Port of the Kinesis Consumer Library `CODE`
AWS Kinesis is a streaming data analysis service.
PATRICK ROBINSON

Now: A Time Toolkit for Go `CODE`
Functions like `BeginningOfWeek`, `EndOfDay`, and parsing time strings.
ZHANG JINZHU

Runes: A Fast Replacement for Some 'unicode' Features `CODE`
It doesn't reimplement everything `unicode` offers but can boost certain use cases.
MARTIN GALLAGHER

argon2pw: Argon2 Password Hashing for Go `CODE`
Constant time hash comparison using a competition-winning hash.
RAJA BHATIA

Agones: A Dedicated Game Server Management System `CODE`
Tools to manage and scale game server processes on Kubernetes clusters.
GOOGLE AND UBISOFT

shm: System V Shared Memory Functions in Pure Go `CODE`
MILAN NIKOLIC

Scale Go Apps with Industry Leading Price-Performance - $100 Credit `TOOLS`
DIGITALOCEAN `SPONSORED`