Golang Weekly

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Issue 203 — March 22, 2018

FEATURED

A Proposal for Versioned Go Modules

Versioning has been a common theme in discussions about Go's future recently and this proposal firms up the idea of *package versions* within Go's toolchain.

RUSS COX

The Basics of gRPC `VIDEO`

gRPC is an efficient remote procedure call protocol for client/server apps created at Google. As an aside, NGINX has just added support for gRPC.

FRANCESC CAMPOY

Linux Cloud Hosting Starting at 1GB of RAM for $5/mo

Get a Linode server up and running in seconds. Simply choose your plan, distro and location and you're ready to deploy your server. Get $20 credit on a new account.

LINODE CLOUD HOSTING `SPONSORED`

Making Go Faster Through Reducing Memory Allocations `VIDEO`

A 20 minute talk on looking at the performance of your Go code, garbage collection, and what really matters memory-wise.

BRYAN BOREHAM

Integration of a Go Service with systemd: Socket Activation

How systemd, a common Linux init system, handles socket activation and how you can use it to get zero-downtime deployments of a Go service.

VINCENT BERNAT

InfluxData Working on Go Implementation of Apache Arrow

Arrow is a columnar in-memory data storage system and InfluxDB is keen to use it so have been working on a Go implementation whose development has been heavily powered by c2goasm.

STUART CARNIE

How to Build an 'Exploit' in Go `VIDEO`

A neat tutorial on reading CVE documents and creating packets at a low level with Go rather than in, say, C. As the video says, please only use these techniques for good. *13 minutes.*

RONALD EDDINGS

JOBS

GCP/Go Backend Engineer (New York, NY w/ Relocation Assistance)

Wanna build cool products in the heat of New York on Google Cloud, Big Data & Stellar blockchain? 100% Go stack.

MADHIVE

Go Expert? Sign Up for Vettery

Create your profile and we'll connect you with top companies looking for talented back-end developers.

VETTERY

IN BRIEF

Webinar: 'The Benefits of Managed Cloud CI and CD for Enterprises' March 28
CODESHIP SPONSORED

How to Write Go Middleware TUTORIAL
Some rules, patterns, and gotchas.
KEVIN BURKE

How To Use Go Interfaces TUTORIAL
A few pointers on writing interfaces the Go way as opposed to the Java (or other) way.
CHEWXY

Extracting PNG Chunks with Go TUTORIAL
PARSIA HAKIMIAN

How to Use a Forwarding Proxy with Go TUTORIAL
GIANLUCA ARBEZZANO

Build a Search Service with Go and Elasticsearch TUTORIAL
OUTCRAWL

Repeatable Builds with vgo SLIDEDECK
BRIAN KETELSEN

Monitoring and Distributed Tracing for Go Apps TOOLS
Get full-stack monitoring and alerting for Go apps and 200+ infrastructure integrations. Try Datadog free.
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Getting Started with the Azure SDK for Go VIDEO
CHANNEL 9

Lile: Easily Create gRPC Services in Go CODE
LILE

litfs: A FUSE File System in Go with Persistent File Storage CODE
FUSE is a Unix mechanism for creating your own userland file systems.
ANAS KHAN

Cachego: An Interface over Multiple Caching Libraries CODE
One interface for memcached, Redis, file, MongoDB and SQLite caching.
FÁBIO DA SILVA RIBEIRO

Annie: A Fast, Simple and Clean Video Downloader CODE
GITHUB.COM

fsquota: Native Go Library for Managing Filesystem Quotas CODE
ANEXIA INTERNETDIENSTLEISTUNGS GMBH

Komiser: An AWS Environment Inspector CODE
A self-hosted dashboard for AWS resources.
MOHAMED LABOUARDY

kit 0.7 Released: A Standard Library for Microservices CODE
GO KIT

qr-filetransfer: Transfer Files by Scanning a QR Code from the Terminal CODE
Runs a local HTTP server, prints out a QR code to the terminal, which you can then scan on your phone to download the file to it.
CLAUDIO D'ANGELIS

Build a Better Infrastructure for Your Go App with DigitalOcean
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