Golang Weekly

Go Newsletter

Issue 134 — November 3, 2016

FEATURED

Go's Alias Proposal and Concerns of Google 'Controlling' Go `OPINION`

A worthwhile summary of an issue affecting Go right now. *"The alias proposal is the wrong solution to a much bigger issue in Go's ability to meet its stated goals."*
JACK LINDAMOOD

Aiming for Sub-Millisecond GC Pauses `NEWS`

"10 millisecond pauses are so 2015," says Austin, who has submitted changes to Go's garbage collector to significantly shorten GC pause times.
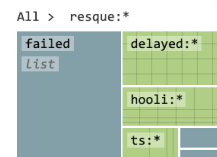*AUSTIN CLEMENTS*

Do Not Fear First Class Functions `VIDEO`

A talk from dotGo 2016 on what first class functions are, how to use them, and why they'll improve your life as a Go developer. *18 minutes.*
DAVE CHENEY

Explore Your Redis Memory Usage with an Interactive Map

RedisMonitor from RedisGreen shows you large keys, memory leaks, old keys, and other potential problems quickly.
REDISGREEN `SPONSORED`

Using Microservices to Publish Videos at The New York Times `STORY`

How the NYT's video engineering team has built a Go-powered, scalable job processing pipeline for video encoding and publishing.
NEW YORK TIMES

Changes Coming to 'database/sql' in Go 1.8 `NEWS`

`database/sql` will include many new features and optional interfaces. Raise any concerns you have in the next couple of weeks.
DANIEL THEOPHANES

A Curated List of Go Frameworks, Libraries and Software `CODE`

'Awesome-Go' now has over 1000 links in a wide variety of categories.
THIAGO AVELINO

JOBS

Data Integration Engineer (Kafka/ElasticSearch/Python/Go)

Want to help make sense of the data behind the $1 trillion real estate market? Hundreds of data feeds to normalize. Millions of photos to classify. Millions of user events to analyze. You name it, we got it.
REALSCOUT

Don't Get Frustrated - Get Hired

Hired puts the power back in your hands, by having companies apply to you, not the other way around. With Hired you only talk to companies you're interested in.
HIRED

IN BRIEF

GoLab: The Italian Go Conference (January 20-21, 2017) `NEWS`
GOLAB.IO

Go 1.8 To Get Graceful Shutdown Support for HTTP Servers `NEWS`
GITHUB.COM

'After 3 months of furious hacking, the Go 1.8 freeze is here.' `NEWS`
BRAD FITZPATRICK ON TWITTER

Beer and Concurrent HTTP Pipelines (for Crawling a Site) `TUTORIAL`
DAMIEN RADTKE

Go Serverless with Apex and MongoDB `TUTORIAL`
Apex is tooling that wraps the development and deployment experience for AWS Lambda. Find out how to use it.
COMPOSE `SPONSORED`

Detecting and Handling 'Pipe to Shell' Situations `TUTORIAL`
DANIEL SCHALLA

Distributed Task Processing in Go `TUTORIAL`
ABU ASHRAF MASNUN

Working with Gzip and Tar `TUTORIAL`
SVETT RALCHEV

Microservices in Go `VIDEO`
A well recorded 50 minute talk from GOTO Copenhagen.
MATT HEATH

Monitor Go app performance in real-time `TOOLS`
Graph custom Go metrics, correlate with other systems, and set sophisticated alerts on app performance.
DATADOG `SPONSORED`

aeron-go: Implementation of an Aeron Messaging Client in Go `CODE`
Provides reliable UDP unicast, UDP multicast, and IPC message transport.
STAN LIBERMAN

IMAPMQ: An IMAP Based Message Broker Client `CODE`
Provides a simple interface for publishing, subscribing and dequeuing messages.
MICHAEL SOKOL

gofollow: Follow Twitter Users Based on Keywords `CODE`
KYRIACOS KYRIACOU

Beego: A Framework for Rapid Development of REST APIs `CODE`
Inspired by Tornado, Sinatra, and Flask.
ASTAXIE

sshesame: A Fake SSH Server That Lets Everyone in and Logs Their Activity `CODE`
JAKAB KRISTÓF