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Golang Weekly

Issue 200 — March 1, 2018

FEATURED

[The Go 2017 Survey Results](#)

With responses from 6173 Go developers, there's lots to digest here. Most Go developers use the language both at and away from work, and a lack of generics is the biggest complaint.

THE GO BLOG

[Best Practices for Writing High-Performance Go Code](#)

A very much 'in progress' document but there's already plenty to enjoy and your own contributions are encouraged.

DAMIAN GRYSKI

[Monitoring and Distributed Tracing for Go Apps](#)

Collect, visualize, and alert on custom metrics in real-time. Utilize distributed tracing and interactive flame graphs to gain full-stack visibility and optimize Go application performance with Datadog. [Try it free.](#)

DATADOG SPONSORED



[Versioned Go Commands](#)

What does it mean to add versioning to the `go` command? Russ Cox continues his thoughts on his [package versioning experiments](#), as we covered last week.

RUSS COX

[Persistent Data Structures with Go](#)

A look at three immutable data structures implemented using interfaces.

AXEL WAGNER

[grmon: Command Line Monitoring for Goroutines](#)

A way to monitor what's going on with your program's goroutines while it's running.

BRADLEY CICHENAS

[gops: List and Diagnose Currently Running Go Processes](#)

Along similar lines to grmon (above), there's also this tool to more generally list and monitor running Go processes.

GOOGLE

JOBS

[Elite Go Engineers \(New York, NY w/ Relocation Assistance\)](#)

Like crypto? Love Go? Join our team of engineers on an exciting project. Backed by 2 major blockchain firms and announcing soon.

STEALTH MODE

[Find a Job You're Passionate About](#)

Vettery connects you directly to hiring managers at over 4,000 top companies. Make a profile today and land your dream job.

VETTERY

IN BRIEF

Bettercap 2.0: A 'Swiss Army Knife' for Network Attacks and Monitoring NEWS

This network sniffing tool is moving from Ruby over to Go.

SIMONE MARGARITELLI

GopherJS 1.10-1 Released: The Go to JavaScript Transpiler NEWS

Adds support for Go 1.10.

DMITRI SHURALYOV

Improve Your Engineering Team's Velocity With These 3 Metrics

If your business depends on software (it does) you're probably spending a lot of time thinking about DevOps.

CIRCLECI SPONSORED

Interfaces in Go: The Why and The How TUTORIAL

TIT PETRIC

Improving Errors Using juju/errors TUTORIAL

DMITRY FRANK

JSON by Example: A Step-by-Step Intro to JSON in Go TUTORIAL

STEFAN NILSSON

Continuously Deploying a Go Application Using Travis CI TUTORIAL

And given it's on the Couchbase blog, the app uses Couchbase too ;-)

NIC RABOY

Data Structures in Go: Stacks and Queues TUTORIAL

ILIJJA EFTIMOV

Writing a Blazing Fast Microservice with Go and AWS Lambda STORY

The tale of rewriting a micro-service from Kotlin to Go.

REMY CHANTENAY

What I Learnt Building 3 Apps on an Embedded Key Value Store STORY

Namely **BoltDB**, a Go-based key/value database.

ANTHONY ALARIBE

Real-time Error Monitoring, Alerting, and Analytics for Go TOOLS

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Loukoud: A Simple SQL Query Builder CODE

Has a fluent(ish) interface and can handle complex constructions like upsert and subqueries.

ULULE

XService: A Framework to Generate Web APIs CODE

A way to generate boilerplate for building services quickly.

MARCEL EDMUND FRANKE

Cobra: Create Powerful Modern CLI Interfaces with Go CODE

A golden oldie but continues to get updated frequently.

STEVE FRANCIA

go-lambda-ping: Deploy a Lambda to Ping a Site in 20 Seconds CODE

FRANK CASH

tcpserver: A TCP Server Library for Go CODE

GO-TCPSERVER

Rum: A Functional Language with Lua Features and LISP Syntax CODE

GITHUB

pwned-passwords: Check Values Against the 'Have I Been Pwned' Password List CODE

MATTEVANS

Shiori: Simple Bookmark Manager/Pocket Clone Built in Go CODE

RADHI FADLILLAH

Try the Cloud Computing Platform That's Written in Go

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