Golang Weekly

Go Newsletter

Issue 98 — February 25, 2016

FEATURED

Go Graphics (gg): A 2D Graphics Rendering Library `CODE`

Easily draw lines, rectangles, ellipses, paths, text, etc. There are lots of examples from which you can learn the simple API.

MICHAEL FOGLEMAN

Gentleman: Plugin-Driven, Middleware-Based HTTP Client Toolkit `CODE`

Build HTTP clients using a simple, expressive fluent API over the top of the net/http package. Built-in JSON, XML and multipart serialization and parsing. Has some similarities to Ruby's httparty.

TOMÁS APARICIO

How Uber's Highest Query per Second Service Is Built on Go

A look at how Uber approached building a geofence lookup system in Go and how Go has helped them build and scale it so quickly.

UBER

Mastering Concurrency in Go

Learn how to use channels, mutexes and idiomatic Go to build processor-efficient applications.

OUTLEARN `SPONSORED`

So You Wanna Go Fast?

An extensive look at what it means for code to be 'fast' and insights into writing and optimizing high-performance Go code.

TYLER TREAT

How Alan Shreve Built ngrok using Go

ngrok lets you expose a local server behind a NAT or firewall to the Internet.

TWILIO

Ergonomadic: A Complete, Reliable, Go IRC Daemon `CODE`

Long before Slack, we had IRC for our live chatting needs. Happily, the IRC protocol is still around to be used and this is an ircd written in Go.

EDMUND HUBER

JOBS

Help make all systems Go at Chain as we work with Visa/Nasdaq to digitize money

Come work with us as we rethink the tech stack for financial services. We write our software in Go and are looking for engineers who are eager to make a big impact.

CHAIN.COM

Stop Applying to Jobs - Let Companies Apply to You

On Hired, sign up in 10 minutes and get offers from top companies like Facebook, Uber, & Stripe. Engineers get an average of 5 offers on the platform in 1 week. Try it today.

HIRED.COM

IN BRIEF

Gobot 0.11: Robotics and Internet of Things (IoT) Framework `NEWS`
It now supports the $9 C.H.I.P. computer.
RON EVANS

Caddy 0.8.2 Released with On-Demand TLS `NEWS`
Now built on Go 1.6, Caddy is an HTTP/2 web server with automatic HTTPS support.
MATT HOLT

Course: Learn How To Code in Google Go `NEWS`
Costs (a very little, at time of writing) money but packs in 159 lectures spanning over 20 hours.
UDEMY

Making Error Alerts Less Noisy and More Useful `TOOLS`
Reduce false alarms and make sure that every error alert goes to the right person with Honeybadger.
HONEYBADGER.IO `SPONSORED`

Take a REST with HTTP/2, Protobufs, and Swagger `TUTORIAL`
BRANDON PHILIPS

Hashicorp on Go Plugin Architecture `VIDEO`
YOUTUBE

Comparing Erlang and Go Concurrency `VIDEO`
MARK ALLEN

goTemplateBenchmark: Comparing The Performance of Template Engines `OPINION`
SLINSO

Skynet 1M Threads Microbenchmark `OPINION`
Go is up against Haskell, Scala, Erlang, .NET and Java.
ALEXANDER TEMEREV

How To Fix The Go Package Management Problem `OPINION`
MATT FARINA

How Go Solves So Many Problems for Web Developers `OPINION`
EWAN VALENTINE

Redis Performance Dashboard and Autoscaling from RedisGreen `TOOLS`
Redis auto-scaling and analytics. Backed by support from engineers with years of Redis scaling expertise.
REDISGREEN `SPONSORED`

benchls: Go Benchmark Performance Curve Fitting `TOOLS`
JONATHAN J LAWLOR

multicorecsv: A Multicore CSV Reader Library `CODE`
Boasts 3x faster performance than encoding/csv.
MATTHEW ZIMMERMAN

govfx: A Fast Web Animation Library for Go `CODE`
(Using GopherJS to compile Go to JavaScript for use on the Web.)
EWETUMO ALEXANDER

Velox: Real-time Go Struct to JS Object Sync Over SSE and WebSockets `CODE`
JAIME PILLORA