Golang Weekly

Go Newsletter

Issue 110 — May 19, 2016

FEATURED

Creating C++ Bindings for a Go Library

A practical look at what's involved in exposing a library written in Go to a C++ program, now possible due to go's *c-shared* build mode.

JUSTIN ISRAEL

How to Perform Integration Testing on Go Applications with Docker

Get familiar with the benefits of using Docker for integration tests, and learn how to write integration tests to test interaction between a sample app and a microservice.

KULSHEKHAR KABRA

Go with More Options

Take advantage of Go's simplicity and concurrency on a scalable, container-based platform. Build apps using Gin, Martini, Negroni, Gorilla, stdlib & 150 add-ons. Heroku gets out of the way, so you can focus on building high-traffic apps and APIs. Learn More.

HEROKU <mark>SPONSORED</mark>

zap: Fast, Structured, Leveled Logging, by Uber

Provides an opinionated stance that provides no printf-style helpers, instead taking a more verbose approach to building log messages.

UBER

qb: A Database Toolkit for Go

Still considered a 'pre' release, qb is inspired by Python's SQLAlchemy and is both an ORM and query builder. It supports Postgres, MySQL and SQLite 3 so far.

ARAS CAN AKIN

Traefik: An HTTP Reverse Proxy and Load Balancer for Microservices

It's written in Go, supports numerous backends (Docker, Swarm, Kubernetes, etc.), supports HTTP/2 and WebSockets, and has an elegant, Angular-based Web UI.

EMILE VAUGE

JOBS

Hired is the best place to find engineering jobs.

Bored at work? Want to try a new stack? Find 3500+ great tech companies on Hired who will compete to hire you. Try it today.

HIRED.COM

IN BRIEF

Building Resilient and Fault Tolerant Applications with Micro `TUTORIAL`
Micro is a microservices dev toolkit written in Go.

ASIM ASLAM

Handling User Defined Signals in Go `TUTORIAL`
MOHAMED BASSEM

Acceptance Testing Go Webapps with Cookies `TUTORIAL`

NICK GAUTHIER

Implementing UDP vs TCP in Go `TUTORIAL` `OPINION`
MINA ANDRAWOS

Dead Simple Concurrency Limitation in Go `TUTORIAL`
RENÉ HANSEN

Get better visibility into your Go apps `TOOLS`
With Datadog, you can monitor performance metrics from Go apps and from the rest of your stack.

DATADOG `SPONSORED`

Using the database/sql Package (in 5 Minutes) `VIDEO`
GO IN 5 MINUTES

Go and Quasar: A Comparison of Style and Performance `OPINION`
Quasar provides fibers and channels to Java and the JVM.

PARALLEL UNIVERSE

From Node.js to Go (for WebSocket Servers) `OPINION`
"we got more than we asked for as Go servers use a third of the memory that our Node.js servers did"

SCALEDRONE

buildconstants: Generate A Go File with The Output of Compile Time Shell Commands `TOOLS`
For putting build info (and other compile-time values) in Go constants.

PERFECTCOMMERCE

UniK: Compile Go (and Other) Apps to Unikernels `TOOLS`
Unikernels are extremely lightweight, bootable disk images that can be run as VMs.

EMC-CAMBRIDGE ADVANCED DEVELOPMENT

Find Redis Memory Leaks with RedisGreen `TOOLS`
RedisGreen builds a map of your Redis memory usage, helping you track down problems and gain new insights.

REDISGREEN `SPONSORED`

NVIDIA Docker: Build and Run Docker Containers Leveraging NVIDIA GPUs `CODE`
NVIDIA CORPORATION

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

ASTAXIE

mathcat: An expression evaluating library and Math REPL in Go `CODE`
STEVEN OUD

schemabuf: Generate A Protocol Buffer Schema from a MySQL Database Schema `CODE`
MARK COSTELLO

Want to subscribe? Enter your address here

Subscribe now »