Golang Weekly

Go Newsletter

Issue 139 — December 15, 2016

FEATURED

The Saga of Go Dependency Management

Next year, the Go dependency management landscape is likely to change quite a bit. Here, Sam Boyer ties up Go's package management past, present, and future.

SAM BOYER

Participate in the Official 2016 Go User Survey

Responses will help the Go team understand how they are doing and help plan improvements for the Go language, libraries, and tools both for individuals and companies.

THE GO PROGRAMMING LANGUAGE

Some Tools For Go You Might Not Know Yet

With the year coming to a close it's a great time to polish up your toolset. Here's a look at four tools you may be unfamiliar with: interfacer, zb, realize, and binstale.

CHRISTOPH BERGER

Testing and Deploying Docker Apps with Elastic Beanstalk

In this eBook you will learn how to prepare Elastic Beanstalk for Docker, how to build and push your Docker images to Docker Hub, and how to test and deploy your app to EBS with Codeship.

CODESHIP <mark>SPONSORED</mark>

Contributing to the Go Project

An attempt to demystify the process behind contributing to Go to encourage you to tackle an issue or solve a bug for yourself.

MATT LAYHER

How to Write Your Own Go Tool `VIDEO`

Software Engineer Fatih Arslan runs through the various Go parser family packages and how to use them to create your own Go tool from scratch. *23 minutes*.

FATIH ARSLAN

Gogland: A Forthcoming Go IDE from JetBrains

Early access program only for now, but looks promising, particularly if you use their other IDEs.

JETBRAINS

MapReduce and Munching Through Big Data

How Google tackled the problem of processing enormous amounts of data, and how you can do the same with Go.

APPLIED GO

JOBS

Go Senior Software Engineer (Palo Alto)

We're the team building services in Go around our infrastructure (LBs, CMDBs, VM Infrastructure) to fully automate its management and boost the productivity of the organization. Isn't that a big enough challenge?

Find Your Perfect Fit - Try Hired

Finding the right role can be daunting, but not on Hired. Get empowered to find the right role with multiple job offers and free personalized support.

IN BRIEF

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Manning Doing a 50% Off Sale on Go Language Books Today (Only) `NEWS`
MANNING

Go 1.8 to Feature Support for HTTP/2 Server Push `NEWS`
JAANA BURCU DOGAN

New Features in Go 1.8's database/sql Package `NEWS`
DANIEL THEOPHANES

How Do They Do It: Timers in Go `TUTORIAL`
Covers the internal implementation of timers in Go, with plenty of example repo links to follow.
ALEXANDER MOROZOV AND VYACHESLAV BAKHMUTOV

Goroutree: A Tree-Based Set Made of Coordinating Goroutines `TUTORIAL` `CODE`
SCOTT MANSFIELD

Data Pipelines and Versioning with the Pachyderm Go Client `TUTORIAL`
DANIEL WHITENACK

How to Avoid Go Gotchas By Learning Internals `TUTORIAL`
IVAN DANILUK

Declaration Scopes in Go `TUTORIAL`
DAVE CHENEY

How to Create a URL Shortener with Go and Couchbase `VIDEO`
NIC RABOY

Go and a Package Focused Design `OPINION`
CARLISIA PINTO

Code Quality Reports, A Free Service to Measure Go Project Quality `TOOLS`
EXAGO.IO

The Admin Interface Framework `TOOLS`
Generate the admin interface of your application. Simply run npm install -g lumber-cli then lumber generate to get started.
LUMBER `SPONSORED`

Gorums: Framework for Implementing Fault-Tolerant Quorum-Based Protocols `CODE`
RESILIENT SYSTEMS LAB

Greenwall: Tiny Service Health Dashboard Written in Go `CODE`
MARCIN TOJEK

Botella: Build a Chat Bot with Docker Plugins `CODE`
Flexible and uses Docker containers for plugins so you can build them however you like.
ALEX GONZALEZRO

godash: Utility Functions for Manipulating Slices `CODE`
Inspired by JavaScript's *Lodash*.
ZILLOW

godb: A Simple Go ORM That Maps Between SQL and Structs `CODE`
SAMUEL GAY

Zygomys: A LISP-Based Embedded Scripting Language for Go `CODE`
JASON E. ATEN

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