Golang Weekly

Go Newsletter

Issue 165 — June 22, 2017

FEATURED

How to Not Use An HTTP Router in Go

An opinionated post with some interesting observations. If you *want* to implement HTTP routing in Go, this is well worth a read.

AXEL WAGNER

Virtualgo: Workspace Based Development for Go Projects

A dep-compatible solution to problems caused by the `vendor` directory. Uses a `GOPATH` for each project instead.

STREAM

Cancelling Multiple Goroutines

Starting from the basics and working toward the ability to interrupt a web server cleanly with a `Context`.

ANDREW CHILTON

Enabling Microservices: Containers & Orchestration Explained

All the information you need to start learning how to build modern applications with microservices.

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G.E.R.T: A Modified Go for ARMv7-A SOCs

Another fun use for Go here, as a high-level, type-safe, garbage-collected language that can run bare-metal on small ARM systems.

YANNI CORONEOS

Simplicity Debt Redux

A follow-on post (to this) about adding generics in Go, Dave dives deeper into the implications and effect on simplicity.

DAVE CHENEY

Writing a Static Blog Generator in Go

The design and decisions behind creating a Hugo-like competitor for a technical blog.

MARIO ZUPAN

ActiveState's ActiveGo, A Commercial Go Distribution

An enterprise-ready bundle of popular Go packages from the open source world that also includes commercial support and licensing.

NICK MCCRORY

JOBS

IN BRIEF

Pink and Blue Go-Gopher 'Plushies' Available `NEWS`
Very cute. No connection to us but seems a nice product.

GOLANGMARKET

Binary Builds for 64-bit ARM Coming from Go 1.9 Onwards `NEWS`
ALEX ELLIS

What's New in Go 1.9 `NEWS`
PAUL KRILL

Quick Tip: Find Out Which Go Version Built Your Binary `TUTORIAL`
DAVE CHENEY

Go is Not Python `TUTORIAL`
An interesting look at potentially unexpected behavior in a simple example.

SEAN HELVEY

Generating Good, Random and Unique IDs in Go `TUTORIAL`
Comparing output from 7 existing libraries.

KRZYSZTOF KOWALCZYK

Correct Error Handling is Hard `TUTORIAL`
The canonical example is deferring the closing of an IO object which a simple helper can handle.

PETER GOETZ

Full-stack observability for Go apps `TOOLS`
See metrics and events from every part of your stack. Optimize performance with end-to-end tracing.

DATADOG `SPONSORED`

goism: Hack Emacs with Go `TOOLS`
An Emacs package allowing you to use Go within Emacs.

ISKANDER SHARIPOV

zerolog: Zero Allocation, Chainable JSON Logger `CODE`
OLIVIER POITREY

mapgen: Generate Thread-Safe and Type-Safe Maps `CODE`
AMMAR BANDUKWALA

gokrb5: A Native Kerberos Authentication Library `CODE`
JONATHAN TURNER

rqlite 4.0: Distributed SQLite Now with Node-to-Node Encryption `CODE`
PHILIP O'TOOLE

go-mp3: An MP3 Decoder in Pure Go `CODE`
HAJIME HOSHI

JSON Iterator: A Fast JSON Parser for Go (and Java) `CODE`
JSONITER.COM

DSCache: Embeddable In-Memory Key/Value Store for Strings in Go `CODE`
EMILIANO MARTÍNEZ LUQUE

go-chart: A Native Chart Drawing Library `CODE`
WILL CHARCZUK

Macaron: A Modular Web Framework for Go `CODE`
GitHub repo.

GO-MACARON.COM

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