Golang Weekly
Archives| Latest| RSS

Subscribe now »

Easy to unsubscribe at any time. Your e-mail address is safe — here's our privacy policy.
« Prev
Next »

Go Newsletter

Issue 164 — June 15, 2017

FEATURED

First Beta of Go 1.9 Released NEWS

Builds here or use this process to install with Go itself.

CHRIS BROADFOOT

The Draft Go 1.9 Release Notes

The first beta is out, and these work-in-progress notes will bring you up to speed with what's new, including type aliases, parallel compilation, and GC speedups.

GOLANG.ORG

Advanced Command Execution with os/exec

Covers simple execution to handling stdout and stderr separately to showing progress, all with just the standard library.

KRZYSZTOF KOWALCZYK

End-to-end visibility into Go app performance

Graph and alert on custom Go metrics and 150+ other techs. Try Datadog APM + infrastructure monitoring for free.

DATADOG SPONSORED

A Theory of Modern Go

A case for dependency injection over of global variables and init() functions.

PETER BOURGON

Imagining Go Without Package Scoped Variables

A thought experiment in that applies Peter Bourgon's approach of having no package-level variables or init functions to the standard library.

DAVE CHENEY

Design Philosophy On Data And Semantics

Explaining the use of value vs pointer semantics with philosophy, specific guidelines, and examples from the standard library.

WILLIAM KENNEDY

Deploying a Go App with systemd Socket Activation

Serving an HTTP API via systemd and socket activation, which allows for continuous, hot deployments.

TAILORDEV

Don't Defer Close() On Writable Files

Even though it's a common Go idiom, using defer to call `Close()` on writable files can lead to hard-to-find bugs.

JOE SHAW

JOBS

Golang Backend Engineer (Berlin, Germany) (f/m)

We're looking for senior Golang developers interested in building scalable backend services for real-time anti-fraud detection.

FRAUGSTER LTD

Be Passionate about your Work. Get Hired

Your dream job is out there, use Hired to find it faster

HIRED

IN BRIEF

Build Faster. Test More. Fail Less. Easy CI/CD for Go. `NEWS`
Join our 2.0 beta for first-class Docker support, flexible resource allocation, custom environments, Workflows, and more.
CIRCLECI `SPONSORED`

Why Go is Great for Portable Apps `TUTORIAL`
Why cross-compilation is a good thing and how Go gets it done.
JOHANAN LIEBERMANN

Closures are the Generics for Go `TUTORIAL`
When a closure can (almost) support similar idioms as generics do in other languages.
CAPITAL ONE DEVEXCHANGE

Go Internals: Autogenerated Functions (and How to Get Rid of Them) `TUTORIAL`
A situation where the compiler has to jump through some costly execution hooks for little/no benefit.
MINIO

Custom Range Iterators in Go `TUTORIAL`
Implementing a custom iterator using channels, a la Python's range.
CHARLES FRANCOISE

Go Packages in R Packages `TUTORIAL`
A simple example using cgo in order to call Go code from R.
ROMAIN FRANÇOIS

Blocking Go Readers and Writers `TUTORIAL`
Readers and Writers in Go are blocking, which caused an issue for Heroku. See their solution here.
DAMIEN MATHIEU

A Look at Resource Pooling Techniques in Go `TUTORIAL`
JESSE ALLEN

Evergreen Continuous Integration: Why We Reinvented the Wheel `STORY`
How Go proved itself so useful in building Evergreen that we went on to rewrite our Cloud agents and the MongoDB tools using it.
MONGODB `SPONSORED`

Fun with Channels in Go `VIDEO`
YOUTUBE

Package Oriented Design `VIDEO`
An engaging talk on the benefits of putting code into packages.
WILLIAM KENNEDY

Reconfigure.io: Program FPGAs with Go `TOOLS`
Code in Go, and easily build, test and deploy to FPGAs in the cloud.
AYUP

Daisy: A Private Blockchain Where Blocks Are SQLite Databases `CODE`
IVAN VORAS

A List of Non-Trivial Go Apps and Libraries `CODE`
The aim is to provide a list of projects to study / learn from.
GITHUB

Router: A 'Lightning Fast' and Flexible HTTP Router `CODE`
GITHUB

simple-httpd: A Simple HTTP Server `CODE`
A replacement for Python SimpleHTTPServer, providing automatic TLS via Let's Encrypt.
BRIAN DOWNS

gopher-os: A Proof of Concept OS Written in Go `CODE`
ACHILLEAS ANAGNOSTOPOULOS

Want to subscribe? Enter | Subscribe now »

Easy to unsubscribe at any time. Your e-mail address is safe — here's our privacy policy.