Golang Weekly

Go Newsletter

FEATURED

See What Your Program Is Really Doing With 'go tool trace'

If you haven't used it yet, this is a good look at a handy Go tool for monitoring your program's usage of goroutines, memory, threads, and more.

WILL SEWELL

How to Ship Production-Grade Go

A look at several things you can do to make your code more robust, debuggable, and ready for production.

KAVYA JOSHI

Go's Realtime Garbage Collector `VIDEO`

In 35 minutes, see how and why Go's garbage collector works, what the tricolor algorithm is, and how it compares with GC in other languages.

JIM FISHER AND WILL SEWELL

Multiplexing Golang Channels to Maximize Throughput

While rewriting our database backup utility, mongodump, we utilized a "divide-and-multiplex" method to marry a high-throughput concurrent workload with a serial output. Check it out.

MONGODB `SPONSORED`

Go's New Developer Experience Working Group

To improve the experience for new Go users, a formal Developer eXperience Working Group (DXWG) has been set up.

THE GO PROJECT

As of Go 1.9, the 'past two releases' will be actively supported

For example, when 1.9 is out, 1.8 and 1.9 will get active updates. When 1.10 is out, 1.10 and 1.9 will, and so on.

RUSS COX

JOBS

Go Backend Engineer (Berlin, Germany)

FRAUGSTER

Work on Interesting Projects in Go

Save time on your job search. Hired delivers multiple offers to you.

HIRED

IN BRIEF

Go 1.8.1 Released: A Minor Bugfix Release **NEWS**
CHRIS BROADFOOT

Hugo 0.20 Released: The Static Site Generator Gains Custom Output Formats **NEWS**
BEPSAYS.COM

net's 'aLongTimeAgo' Changed From 1977 to 1970 **NEWS**
Was originally set to the release date of Star Wars.
GITHUB.COM

Testing HTTP Handlers in Go **TUTORIAL**
ADELOWO LANRE

Optimizing Algorithms in Go for Machine Learning **TUTORIAL**
JAMES BOWMAN

Introducing NATS to Go Developers **TUTORIAL**
NATS is a messaging system for building distributed systems.
SHIJU VARGHESE

Webhooks Made Easy: Processing a GitHub Webhook from Go **TUTORIAL**
DEAN KARN

How to monitor Go apps
Graph and alert on real-time Golang metrics, and correlate with data from 150+ other technologies across your stack.
DATADOG **SPONSORED**

Building High Performance APIs in Go with gRPC and Protocol Buffers **VIDEO**
SHIJU VARGHESE

Go for Object-Oriented Developers: Mapping OO Concepts to Go **OPINION**
TOM RADCLIFFE

gops: List and Diagnose Currently Running Go Processes **TOOLS**
GOOGLE

Autoscaling for your Heroku dynos **TOOLS**
Automatically scale up and down to handle increased workloads and avoid wasting money on idle resources.
HIREFIRE **SPONSORED**

CommonRegex: A Collection of Common Regular Expressions for Go **CODE**
Covers dates, GUIDs, IP addresses, ISBNs, and similar.
GITHUB.COM

godet: A Remote Client for Chrome DevTools **CODE**
Chrome can be monitored and controlled via the Chrome Debugger Protocol.
RAFFAELE SENA

govalidator: Validators and Sanitizers for Strings, Structs and Collections **CODE**
ALEX SASKEVICH

GoRuby: An Attempt At Implementing Ruby in Go **CODE**
Very early days but fun to see the attempt.
GORUBY

HttpRouter: A High Performance HTTP Request Router That Scales Well **CODE**
JULIEN SCHMIDT

Gobot 1.4 Released: The Go Robotics/IoT Framework **CODE**
RON EVANS

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