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Go Newsletter

Issue 101 — March 17, 2016

FEATURED

Go Exposed: How Remote Import Paths Work

How do the naming conventions tell Go how to get packages from the right remote locations and with the right protocols?

MATT FARINA

HTTP/2 and http2 in Go 1.6 VIDEO

A 25 minute talk from core team member Brad Fitzpatrick on the background and motivation for HTTP/2, the new version of HTTP, and how it's supported in Go.

YOUTUBE

Fix bugs in production before anyone even notices them.

When people depend on your Go apps, you need Honeybadger. We give you complete visibility into production problems the moment they happen, and the tools you need to fix them. [Try exception, uptime and performance monitoring for free.](#)

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quicktemplate: A Fast, Easy-to-Use Template Engine CODE

Optimized for speed with zero memory allocations in hot paths. Up to 20x better performance than `html/template` is claimed.

ALI AKSANDR VALIALKIN

Calling Go Code from iOS Apps TUTORIAL

``gomobile`` lets you compile your Go code so that you can call it from an iOS app meaning you could share code between front and back end.

GOROUTINES

Advanced Testing with Go (slidedeck)

Slides from a talk about testing practices picked up by the developer of Vagrant over years of Go use.

MITCHELL HASHIMOTO

45% off Go Books at Manning NEWS

Just saw Brian Ketelsen [mention](#) this on Twitter. Use code `go0317161t` before March 24 on books like [Go in Action](#), [Go in Practice](#) and [Learn Go?](#)

MANNING

JOBS

Help make all systems Go at Chain as we work with Visa/Nasdaq to digitize money

Come work with us as we rethink the tech stack for financial services. We write our software in Go and are looking for engineers who are eager to make a big impact.

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On Hired, sign up in 10 minutes and get offers from top companies like Facebook, Uber, & Stripe. Engineers get an average of 5 offers on the platform in 1 week. Try it today.

HIRED.COM

IN BRIEF

Cambridge (UK) Gophers Meetup, Next Week (Weds, Mar 23) NEWS

MEETUP

vim-go 1.5 Released: Go Development Plugin for Vim NEWS TOOLS

Includes an all-new way of moving around and navigating called *motion*.

FATIH ARSLAN

Treating Go Types as Objects in Vim TUTORIAL

A practical look at vim-go's new *motion* functionality.

FATIH ARSLAN

Building Web Services in Go TUTORIAL

How to build a JSON API, decode and validate the inputs, write your own middleware, and more.

OUTLEARN SPONSORED

Replacing NAT with a Transparent SOCKS Proxy in Go TUTORIAL

HIROTAKE YAMAMOTO

A Guide to Interfaces in Go TUTORIAL

GIAN BIONDI

Unit Testing TCP Connections with Go TUTORIAL

ADAMPRESLEY

Go Debugging, Profiling and Optimization VIDEO

From YAPC::Asia Tokyo last year.

BRAD FITZPATRICK

Rookie Go Mistakes We Made at Teamwork And How We Learned From Them OPINION

PETER KELLY

18 Quick Go Best Practices OPINION

ABEL AVRAM

The 3 Go 'Landmines' OPINION

A tour of 3 easily made mistakes when using Go.

DANIEL SMITH

gotests: A Tool for Generating Table Driven Tests TOOLS

CHARLES WEILL

Real-time Image Resizing as a Service TOOLS

Resize, crop, and process images at scale and in real-time with imgix. Get up to speed quickly with the community-built Go package.

IMGIX SPONSORED

gometalinter-linter: A Go Linter Package for the Atom Editor TOOLS

JOE FITZGERALD

paradise_ftp: A Production Ready Native Go FTP Server CODE

ANDREW ARROW

Iris: A Minimal Go Webapp Framework CODE

MAKIS MAROPOULOS

svg: An SVG Parsing Library CODE

No docs yet so YMMV.

RUSSELL OLIVER

Tile38: Geolocation Data Store, Spatial Index, and Realtime Geofence CODE

It supports a variety of object types including lat/lon points, bounding boxes, XYZ tiles, Geohashes, and GeoJSON.

JOSH BAKER

APNS/2: HTTP/2 Apple Push Notification Service (APNs) Push from Go CODE

Send push notifications to iOS, tvOS, and OS X apps, using the APNs HTTP/2 protocol.

ADAM JONES

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