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## Golang Weekly

Issue 180 — October 5, 2017

### FEATURED

#### [Go 1.8.4 and Go 1.9.1 Released for Security Reasons](#)

The Go team recommend you upgrade if possible as two security vulnerabilities have been fixed, as explained here.

CHRIS BROADFOOT

#### [Colly: A Web Scraping Framework for Go](#)

It claims to be 'lightning fast' and has an elegant API for building your own crawlers, spiders or scrapers. [Usage examples](#).

ADAM TAUBER

#### [Linux cloud hosting starting at 1GB of RAM for \\$5/mo](#)

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#### [Matcha: Build iOS and Android Apps with Go](#)

Matcha provides UI components in a way similar to React Native and exposes bindings to Objective-C and Java code.

KEVIN DANG

#### [Create a GraphQL Server with Go and Google App Engine](#)

The tutorial implements a "simple social network" app using the graphql-go/graphql package.

TIN RABZELJ

#### [Your pprof Is Showing: Preventing Profiling Endpoint Abuse in Production](#)

How many pprof servers are open to the internet? Too many.

MICHAEL MCLOUGHLIN

#### [So You Wanna 'Go' Fast? VIDEO](#)

A 35-minute dive into potential low-level performance optimizations by a 'recovering Go hater.'

TYLER TREAT

#### [Important Interfaces Every Go Developer Should Know](#)

It's more than just the errors, Reader, and Writer interfaces.

RADOSŁAW ZAŁUSKA

### JOBS

### [Netflix Senior Software Engineer — Open Connect Edge Accelerator](#)

Join a small team working on an exciting new project around API acceleration on top of the Netflix's CDN (Open Connect).

NETFLIX

### [Platform Engineer \[API, Golang\]](#)

Beme (NYC) is looking for an engineer to join us in creating the next generation of apps for newshounds. Small Team. Big Impact.

BEME

### [One application, thousands of dev job opportunities](#)

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## IN BRIEF

## dotGo: The European Go Conference (Paris, November 6) NEWS

The full line-up of speakers for this year's conference has now been announced.

*DOTCONFERENCES*

## Announcing Grade: A Tool to Track Your Go Benchmarks in InfluxDB NEWS

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## A Visual How-To Guide to Go Variables TUTORIAL

A detailed post on everything you ever wanted to know about variables.

*INANC GUMUS*

## An Introduction to Statistics With Gonum TUTORIAL

*SEBASTIEN BINET*

## Efficient Bit Manipulation in Go 1.9 TUTORIAL

Using the `maths/bits` package.

*HERMAN SCHAAF*

## A Small Memory Optimization for Log-Heavy Applications TUTORIAL

*AGNIVA DE SARKER*

## Elegant Code and Go: Refactoring for Readability TUTORIAL

*TIT PETRIC*

## Building High Performance APIs in Using gRPC TUTORIAL

*AGIRA TECHNOLOGIES*

## The State of Go 1.9 VIDEO

*FRANCESC CAMPOY*

## Ways To Do Things: Patterns for Designing and Using Actors in Go VIDEO

*PETER BOURGON*

## Write Less Code, Use More Tools STORY

Our outrageous decision to orchestrate Nomad with Kubernetes.

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## AtmanOS: Build Go Programs That Run Directly on the Xen Hypervisor TOOLS

*ATMANOS*

## cam2ip: Turn Any Webcam into an IP Camera CODE

*MILAN NIKOLIC*

## go-base: Go RESTful API Boilerplate with JWT Auth Backed by Postgres CODE

*DHAX*

## Gophersat: A SAT Solver in Go CODE

*CENTRE DE RECHERCHE EN INFORMATIQUE DE LENS*

## DCLua: A Lua 5.3 VM and Compiler Written in Go CODE

Intended to allow easy embedding into Go programs.

*MILO CHRISTIANSEN*

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