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## Golang Weekly

Issue 194 — January 18, 2018

### FEATURED

#### [AWS Lambda's Go Support Now Generally Available](#)

Want to deploy Go functions into the cloud without managing any servers? AWS Lambda now makes it possible, and here's a walkthrough of using it with Go.

AMAZON WEB SERVICES

#### [Twirp: Twitch's New RPC Framework for Go](#)

Twirp was written as a simpler HTTP/1.1 alternative to gRPC and has been heavily used and tested within Twitch.

TWITCH

#### [Learn How Codeship Re-Modeled Their Whole Go Codebase](#)

Refactoring large pieces of your applications is hard but often necessary. Learn how Codeship approached a major remodeling and what their engineers learned while doing it.

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#### [Why Are There Nil Channels in Go?](#)

Nil channels have some odd characteristics that many say make them worthless, but they're wrong. We linked [the video](#) last week, but now there's a writeup.

FRANCESCO CAMPOY

#### [How to Create PDF Documents from Go with gofpdf](#)

A handy, annotated, code-led walkthrough of creating simple PDF documents.

APPLIED GO

#### [Speed and Stability: Why Go is a Great Fit for Lambda](#)

Go has properties that make it an "ideal fit for a serverless environment like Lambda".

BRANDUR LEACH

### JOBS

#### [Looking for a Job at a Company That Prioritizes Go?](#)

Try Vettery and we'll connect you directly with thousands of companies looking for talented back-end devs.

VETTERY

### IN BRIEF

## [An In-Depth Look at Import Declarations in Go](#) **TUTORIAL**

MICHAŁ ŁOWICKI

## [How I Built a Proxy Server to Anonymise Images in 20 Minutes](#) **TUTORIAL**

MATRYER

## [A Go Memory Profiling Gotcha](#) **TUTORIAL**

If you're not profiling a web application then you're going to want to read this.

AUSTIN BURNETT

## [Writing DNS Messages From Scratch using Go](#) **TUTORIAL**

It involves a fair amount of bitshifting and UDP.

CIRO S. COSTA

## [Generating Entropy Without 'import's in Go](#) **TUTORIAL**

Not suited for production, but interesting nonetheless.

AXEL WAGNER

## [How To Reduce the Risks Of Continuous Delivery](#) **TUTORIAL**

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## [Stream Processing for Go using Wallaroo](#) **TUTORIAL**

WALLAROO LABS

## [A Short Guide to How Keywords are Defined in Go](#) **TUTORIAL**

PHILIP DEXTER

## [Monitoring and Distributed Tracing for Go Apps](#)

Get full-stack monitoring and alerting for Go apps and 200+ infrastructure integrations. Try Datadog free.

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## [Optimized abs\(\) for int64 in Go](#) **STORY**

RYAN ARMSTRONG

## [Building a Simple 8-Bit \(CHIP-8\) Emulator in Go](#) **STORY**

WP ENGINE

## [HighwayHash: Fast Hashing at Over 10 GB/s Per Core in Go](#) **CODE**

FRANK WESSELS

## [aws-lambda-go: Libraries, Samples, and Tools for Go and AWS Lambda](#) **CODE**

AMAZON WEB SERVICES

## [usql: A Universal Command-Line Interface for SQL Databases](#) **CODE**

KENNETH SHAW

## [Build Your Next Go App on DigitalOcean with a \\$100 Credit](#)

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