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## Golang Weekly

Issue 198 — February 15, 2018

### FEATURED

#### Using 'dep' For Day-To-Day Dependency Management

A guide to using `dep` oriented around the two main commands you'll use most of the time.

THE GO AUTHORS

#### Getting Started with Serverless Go

A well-presented, thorough introduction to getting started building Go-based apps on AWS Lambda using the Serverless framework's [Go boilerplate](#). This is no bare-bones intro as it digs into hooking into AWS DynamoDB too.

YOS RIADY

#### How To Reduce the Risks Of Continuous Delivery

Continuous Delivery brings a lot of benefits, but deploying to production can be filled with uncertainty. Reduce risks with the right culture, architecture, and tooling to deploy earlier and more often. [Download the free guide](#).

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#### An Interesting Pattern to Try for Go Tests

A dissection of `net/http/httptest` package tests led to an interesting testing approach.

PIERRE PRINETTI

#### Analyzing the Performance of Functions with Benchmarks VIDEO

A justforfunc episode coupled with a writeup on a benchmark-based approach to comparing three ways to merge multiple channels.

FRANCESCO CAMPOY

#### A Practical Example of using NGINX HTTP2 Server Push

NGINX added support for [HTTP2 'server push'](#) - here's an example of working with it from Go.

CIRO S. COSTA

#### Go Project Now Accepts Pull Requests via GitHub

The Go project has long been on GitHub but uses its own [Gerrit](#) code review system. This meant GitHub pull requests were not accepted but.. now they are.

GO

#### Azure SDK for Go SDK Now Generally Available

An official SDK that makes it easier to build Go apps targeting Microsoft's cloud platform.

MICROSOFT

### JOBS

#### Want to solve tough problems at scale with Golang?

Come help WP Engine build our next generation architecture, create new tools for developers, and provide intelligent insights to our 75,000+ customers in 130+ countries.

WP ENGINE

#### Looking for a Job at a Company That Prioritizes Go?

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

VETTERLY

## IN BRIEF

### [A List of Go 1.10 Release Parties](#) NEWS

No-one seems to know when the actual release is, so they're spread out across the rest of the month.

*GITHUB.COM*

### [Codeship Has Been Acquired by CloudBees. What Are the Next Steps?](#)

CI/CD for All: From small development teams to organizations with tens of thousands of developers.

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### [Debugging a Potential Deadlock with go-deadlock](#) TUTORIAL

*MARC HARTER*

### [Alternatives to Sum Types in Go](#) TUTORIAL

*WILL SEWELL*

### [Concurrent HTTP Downloads using Go](#) TUTORIAL

*DHANUSH GOPINATH*

### [Extending Go-libvirt with Code Generation: A Developer Talks](#) TUTORIAL

*DIGITALOCEAN* SPONSORED

### [Elasticsearch Query Examples with Go](#) TUTORIAL

*EMR RIBIĆ*

### [Creating GopherJS Apps with gRPC-Web](#) VIDEO

Using gRPC and Protocol Buffers from backend to browser.

*JOHAN BRANDHORST*

### [An Introduction to Testing in Go](#) VIDEO

*ELLIOT FORBES*

### [Helpful Go Practices: Working with Time](#) VIDEO

*MAXIMKUPRIANOV*

### [Fix Production Bugs in Seconds with Sentry](#)

*SENTRY* SPONSORED

### [Heimdall: A Go HTTP Client for Making Large Numbers of Requests](#) CODE

Includes a hystrix-like circuit breaker and exponential backoff capabilities.

*GO-JEK TECH*

### [go-server-timing: Create and Consume HTTP Server-Timing Headers](#) CODE

*MITCHELL HASHIMOTO*

### [gqlgen: Quickly Create Strictly Typed GraphQL Servers in Go](#) CODE

*ADAM SCARR*

### [wsify: A Tiny, Simple, Real-Time Pub/Sub Server](#) CODE

Browse Redis channels using websockets and handle your own logic with webhooks.

*MOHAMMED AL ASHAAL*

### [go-ncs: Go Bindings for the Intel Movidius Neural Compute Stick](#) CODE

A platform for high-performance deep neural network work (e.g. computer vision).

*THE HYBRID GROUP*

### [optional: A Lightweight Library to Provide a Container for Optional Values](#) CODE

*TEIVA HARSANYI*

### [go-azurequeue: Go Client for Azure Service Bus Queue](#) CODE

*GLEB TETERIN*

### [goben: Measure TCP/UDP Throughput Between Hosts](#) CODE

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