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Golang Weekly

Issue 185 — November 9, 2017

FEATURED

Profiling Go Programs

Various ways to profile and analyze Go apps, including pprof, 'go tool trace', & ReadMemStats.

MARK MCDONNELL

How DigitalOcean Uses Go SLIDEDeck

A look at Go's history at the popular hosting service, including how they handle dependencies, repos, linting, and more.

FATIH ARSLAN

Improvements to Go 1.10's Command Line Commands

Including a build cache, test cache, tweaks to 'go install', and 'go vet'.

RUSS COX

Make It Easy for Your IT Manager to Say Yes with ActiveGo

The world's only commercially supported Go distribution for Linux, MacOS and Windows. [Try it for free.](#)

ACTIVESTATE SOFTWARE SPONSORED



Building Messaging in Go Network Clients

Learn useful Go communication techniques from the internals of the NATS client.

WALDEMAR QUEVEDO

Orange Forum: A Lightweight Forum Built in Go

An easy to deploy (it's Go!) forum built using 'Web 1.0' principles and a little JavaScript. [Example forum here.](#)

SAGAR GUBBI

JetBrains' Golang IDE Becomes 'GoLand'

JetBrains are putting the finishing touches to their in-progress Go IDE and have released a new build with new features. Final release due in December.

ANDREY CHEPTSOV

Create a Metrics Dashboard with Grafana

Easily create Grafana-friendly time series metrics inside your Go application.

APPLIED GO

EVIO: Fast Event-Loop Networking for Go

Think Node's *libuv* but for Go. Uses epoll and kqueue syscalls. Built to be a foundation for a high(er) performance Go server framework.

JOSH BAKER

JOBS

[The Future Is Calling, Join Decred on Our Journey...](#)

To create an evolving cryptocurrency. Work with some of the brightest minds in the industry in a fast paced environment.

DECRED

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

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VETTERY

IN BRIEF

[Go Tools and GitLab: How to Do Continuous Integration 'Like A Boss'](#) TUTORIAL

PANTOMATH

[Getting Started with Microservices using Go, gRPC, and Kubernetes](#) TUTORIAL

TIN RABZELJ

[Architecting a Highly Scalable Go API with Docker Swarm and Traefik](#) TUTORIAL

MOHAMED LABOARDY

[Using Go For Data Science \(and Why\)](#) TUTORIAL

CHEWXY

[The Past and Future of vim-go](#) SLIDEDECK

FATIH ARSLAN

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[Using Vue.js with Buffalo](#) VIDEO

MARK BATES

[How to Analyze and Optimize Goroutines](#) VIDEO

GUIDO PATANELLA

[Create Your Own DSL in Go](#) VIDEO

NATHANIEL COOK, INFLUXDB

[What's The Best Free and Lightweight IDE for Go?](#) OPINION

Quite a few answers in this Reddit thread.

REDDIT

[Why Go is Skyrocketing in Popularity](#) STORY

From #65 to #17 in 2 years on the TIOBE index.

JEFF ROUSE

[gtfmt: Like gofmt, But For Go Templates](#) TOOLS

like gofmt except for go templates

NATE FINCH

[Go Basics Cheatsheet](#) TOOLS

A single-page guide to Go basics with usage, examples, links, snippets, and more.

DEVHINTS.IO

[Neugram: A Go-Inspired Scripting Language](#) TOOLS

Essentially brings some scripting niceties to Go style syntax.

NEUGRAM

[Full-Stack Monitoring + Distributed Tracing for Go Apps](#) TOOLS

Track app performance and infrastructure metrics alongside request traces from all your apps and services.

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[presto-go-client: A Presto Client for Go](#) CODE

Presto is an open-source distributed SQL query engine.

PRESTO

[Go Range Store: An Efficient Map From a Range of Keys to a Single Value](#) CODE

TENTA BROWSER

[SKM: A Simple SSH Key Manager Written in Go](#) CODE

TIMOTHY YE

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