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Golang Weekly

Issue 181 — October 12, 2017

FEATURED

GoCV: OpenCV-Powered Computer Vision from Go

Gain access to the latest OpenCV (a popular system for computer vision) from Go. See a [simple face detection example](#).

GOCV

Building a Neural Net from Scratch in Go

A neural net to classify iris flowers to predict the species of the flower based on width and length measurements.

DANIEL WHITENACK

Say Hello to 'Goodbye': Global Exit Handlers for Go

Goodbye adds global error handlers to Go allowing you to capture exit signals and clean up after your code.

ANDREW KUTZ

Why It's Important That Big Organizations Pay Attention to CI

Yes, “digital transformation” is a buzzword having its moment right now. But what is behind the buzz?

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A Potential Solution for Generics

Someone has created a “generics” package in Go that helps communicate that a generic function or variable is being used.

KRIS NOVA

Analyzing Production Systems using pprof and Flamegraphs VIDEO

A practical look at profiling using the pprof profiler and flamegraph visualizations by a tech lead at Uber. “..the best overview on Go profiling that I've seen,” says one commenter.

PRASHANT VARANASI

An In-Depth Look at a Docker and ECS Stack for Go

How 'SMS Junk Filter' builds its software using multi-stage Docker builds on AWS's Elastic Container Service.

SMS JUNK FILTER

Cthulhu: How DigitalOcean Organizes Code in a Mono Repo

The path, processes, and challenges of working on a large mono repo containing over 2 million lines of Go code.

DIGITAL OCEAN

Go Testing at Stream

How Stream does unit and integration testing, including service mocking and a new BDD testing package.

STREAM

JOBS

Senior Golang Developer

Teamwork.com is an incredible place to work - check out our story: [here](#)

TEAMWORK.COM

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

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

Go 1.10 To Support Building Windows DLLs NEWS

Link is just to a relevant commit.

[GO SOURCE](#)

\$20 Free on a new Linode account

Linux cloud hosting starting at 1GB of RAM for \$5/mo. Get \$20 credit on a new account.

[LINODE CLOUD HOSTING](#) SPONSORED

Using Go Channels to Build a Site Crawler TUTORIAL

How to create a list of channels that processes and tracks progress for a queue of links.

[JORIN VOGEL](#)

3 Examples For Using io.Pipe TUTORIAL

[MARIO ZUPAN](#)

Build a Serverless Go Function with OpenFaaS TUTORIAL

[ALEX ELLIS](#)

A Visual Guide to Go Constants TUTORIAL

[LEARN GO PROGRAMMING](#)

Go Observability: Using the Pprof Web UI to Debug Memory Usage TUTORIAL

[NATHAN LECLAIRE](#)

A Look at Alternative Go Build Modes VIDEO

Including c-archive, c-shared, shared, pie, and plugin.

[DAVID CRAWSHAW](#)

A List of Every Go User Group TOOLS

Meet with fellow gophers. Add your own group if it's not on yet.

[GITHUB.COM](#)

Diagram: A Go App to Convert ASCII Art Into Hand Drawn Diagrams TOOLS

[ENDRE SIMÓ](#)

The Ultimate Guide to Building Database Driven Apps with Go

This book contains years of wisdom from experts and the fastest way to learn how to connect to a database with Go.

[VIVIDCORTX](#) SPONSORED

Litter: A Pretty Printer for Go Data Structures CODE

Handy for debugging and testing.

[SANITY](#)

Wow: Beautiful Spinners and Emojis for Go Command-Line Apps CODE

[GEOFFREY ERNEST](#)

myhttp: Simple HTTP GET Request Tool with Timeout Support CODE

[INANC GUMUS](#)

Brook: A Cross-Platform Proxy/VPN Written in Go CODE

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