Golang Weekly

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Issue 184 — November 2, 2017

FEATURED

Using the Go Tracer to Speed Up Fractal Making

We linked Francesc's awesome vid last week, but now there's a full write up to follow instead.

FRANCESC CAMPOY

The Ultimate Guide to Go's Variadic Funcs

Variadic functions are those that can accept a variable number of arguments.

INANC GUMUS

Tui: A UI Library for Terminal Apps

Build layout-based UIs that can gracefully handle resizing for you.

MARCUS OLSSON

Linux cloud hosting starting at 1GB of RAM for $5/mo

Get a Linode server up and running in seconds. Simply choose your plan, distro and location and you're ready to deploy your server. Get $20 credit on a new account.

LINODE CLOUD HOSTING SPONSORED

GERT: A Go Embedded Run-Time for ARMv7

Still in the research/prototype stages, this is a modified version of Go that runs bare-metal on ARMv7-A SOCs.

YANNI CORONEOS

How Go and a Raspberry Pi Power a Piano-Playing AI

Learn how a dev used Go and a Raspberry Pi to create AI specifically tuned to his own style.

ZACH SCHOLL

Context API Explained

Written back in January, but it's a great article explaining why the Context API was created.

SINA SIADAT

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

Join Decred in Shaping the Future of Cryptocurrency

Seeking passionate Golang devs ready to break into the world of blockchains and financial disintermediation.

DECRED

IN BRIEF

Go 1.8 Now The Default Runtime on Google App Engine `NEWS`
VICTOR LIU

Francesc Campoy Leaving Google's Go Team `NEWS`
.. but will continue to be a member of the community.
FRANCESC CAMPOY

Best Practices for Architecting Highly Monitorable Applications
Is your application easy to monitor in production? Many applications are, but sadly, some are designed with observability as an afterthought.
VIVIDCORTEX `SPONSORED`

An HTTP(S) Proxy in Less Than 100 Lines of Code `TUTORIAL`
MICHAŁ ŁOWICKI

Cross Compile an SDL Game From Linux to Windows Using cgo `TUTORIAL`
KAMAL VELAN

How to Use HTML5, Go and Facebox to Verify Your Face `TUTORIAL`
What if your username for websites was your face?
MACHINE BOX

Dev Horror Stories - Part II `STORY`
"My company decided to switch from Om to Om Next to React, so now we have three frameworks in our frontend."
CIRCLECI `SPONSORED`

Go Report Card: Project Code Quality Report Cards `TOOLS`
Enter a URL to a Go repo and get a report card that checks format, linting, and other items.
GO REPORT CARD

Air: Live Reload for Go Apps `TOOLS`
RICK YU

unimport: A Static Analysis Tool to Find Unnecessary Import Aliases `TOOLS`
ALEX KOHLER

progressbar: A Basic, Thread-Safe Progressbar `CODE`
ZACK SCHOLL

Riot: A Simple, Open Source, Distributed Search Engine `CODE`
EGO

hamt.go: Immutable and Memory-Efficient Maps and Sets `CODE`
HAMT stands for "Hash-Array Mapped Trie" that is often used for maps/dictionaries.
YOTA TOYAMA

Retry: Invoke 'Flaky' Functions Until They Succeed `CODE`
A configurable retry package - set number of attempts, delays between attempts, etc.
ADAM LIESKOVSKY

GoDotEnv: Loads Environment Variables From a '.env' File `CODE`
Handy for populating environment variables in a development environment.
JOHN BARTON

goscan: An Efficient Local IPv4 Network Scanner `CODE`
NULL BRO

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