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Golang Weekly

Issue 193 — January 11, 2018

FEATURED

Go's Hidden #pragmas

A bit of history of compiler directives in programming followed by an explanation of a few of the pragmas Go offers.

DAVE CHENEY

What's New and Different in Go 1.10

Most of the big changes are tool based, such as the ability to generate coverage statistics for multiple packages using a single command.

GOPHER ACADEMY

See Why Facebook, Spotify, & Fastlane Trust CircleCI with Their CI/CD

Automate the software development process using continuous integration and continuous delivery so you can focus on what matters: building great things, not waiting for great things to build.

CIRCLECI SPONSORED

Parsing with ANTLR 4 from Go

Using ANTLR (a parser generator) to create code that parses input into a parse tree for further processing.

ANDREW BRAMPTON

tview: Rich Interactive Widgets for Terminal UIs

Includes input forms with various controls, text views, table views, lists, flexbox layouts, & more.

OLIVER RIVO

The Why of Go VIDEO

The historical context around the technical decisions of Go in order to better understand the language.

CARMEN ANDOH

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

How to Rate Limit HTTP Requests TUTORIAL

Uses the `x/time/rate` package.

ALEX EDWARDS

The Aspects of a Good Go Library TUTORIAL

An opinionated checklist with justifications and examples.

JACK LINDAMOOD

How to Backup Your Git Repository with Spaces Object Storage

Protect your code. Learn how to create an offsite backup of your Git repository to DigitalOcean's Spaces.

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Various Ways of Reading Files in Go TUTORIAL

KASHYAP KONDAMUDI

5 Advanced Testing Techniques in Go TUTORIAL

When you're ready to test at the next level, this list is your roadmap.

SEGMENT

Making a Simple NTP Client in Go TUTORIAL

Network Time Protocol is how servers sync their clocks over a network.

VLADIMIR VIVIEN

5 Keys to Creating a Great CLI with Go TUTORIAL

Based on lessons learned over 8 months of development from the OpenFaaS project team.

ALEX ELLIS

The Go Type System for Newcomers TUTORIAL

GO, THE UNWRITTEN PARTS

Implementing a Simple Autocomplete Algorithm in Go TUTORIAL

Do you know what the Levenshtein Distance is? Read on...

ALESSANDRO DIAFERIA

Using Go Templates TUTORIAL

If you don't know what Must does, you.. must read this.

GOPHER ACADEMY

The Complete Guide to net/http Timeouts TUTORIAL

A golden oldie worth revisiting.

FILIPPO VALSORDA

If Aligned Memory Writes Are Atomic, Why Do We Need 'sync/atomic'? TUTORIAL

DAVE CHENEY

Why Are There 'nil' Channels in Go? VIDEO

FRANCESCO CAMPOY

Real-Time Error Monitoring, Alerting, and Analytics for Developers □

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go-git 4.0: An Extensible Pure Go Git Implementation CODE

Want to manipulate Git repos directly from Go?

SOURCE[D]

Kurly: An Alternative to 'curl' But Written in Go CODE

DAVID J PEACOCK

go-nanoid: A URL-Friendly Unique String ID Generator CODE

MATOUŠ DZIVJAK

Colly: A Fast and Elegant Web Scraping Framework CODE

COLLY

pyfmt: Go Implementation of Python's 'Advanced String Formatting' CODE

An alternative to `fmt`'s `sprintf`-style formatting.

STEPHEN LONGFIELD, JR.

HttpLive: An HTTP Request and Response Service to Mock HTTP CODE

GENCEBAY DEMİR

Linux Cloud Hosting Starting at 1GB of RAM for \$5/mo

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