Golang Weekly

Go Newsletter

Issue 149 — March 2, 2017

FEATURED

An Intro to Flow-Based Programming in Go

In flow-based programming, programs are modelled around messages flowing between 'black box' processes, and channels and goroutines can be used to pull it off in Go.

CHRISTOPH BERGER

Breaking Go's Automated Memory Management: Here's What Happened

The developers of a database encryption tool had to investigate, and fix, an interesting memory leak.

COSSACK LABS

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Configuring Go Apps with TOML TUTORIAL

Digging into configuring Go apps using a simple, INI-like configuration language called TOML, as well as some related difficulties and pitfalls.

BENAIAH MISCHENKO

Pgx: A Pure Go Postgres Client Library CODE

It supports many additional features beyond what's available through `database/sql` and is designed to be used directly if you need to get the most out of Postgres from Go.

JACK CHRISTENSEN

The First Go Program

Yep, we're going back to 2013 (and 2008) but if you weren't around then, this tale of the first Go program, written in 2008, is a fun look back.

ANDREW GERRAND

IN BRIEF

Writing An Interpreter In Go: The Paperback Edition `NEWS`
THORSTEN BALL

Implementing S3 Delta-Upload for static-aws-deploy `STORY`
MARIO ZUPAN

Exploring the 'exec' System Call with Go `TUTORIAL`
Includes a story of an interesting use of `syscall.Exec` on Heroku at the end.
VICTOR VRANTCHAN

[eBook] The Ultimate Guide to Building Database-Driven Apps with Go `TUTORIAL`
This book contains years of wisdom from experts & the fastest way to learn how to connect to a database with Go
VIVIDCORTEX `SPONSORED`

How to Shuffle Arrays and Slices in Go `TUTORIAL`
JON CALHOUN

Text Classification with a Naive Bayes Classifier `TUTORIAL`
Starts as a primer on text classification, ends with a Go example.
WOJTEK LUKASZUK

Tracing gRPC Calls in Go with Google Stackdriver `TUTORIAL`
HARLOW WARD

Linux, Netlink, and Go — Part 2: Generic Netlink `TUTORIAL`
MATT LAYHER

How to Setup Go 1.8 and gb on Fedora `TUTORIAL`
AMIT SAHA

You, Latency and Profiling `SLIDEDECK`
FILIPPO VALSORDA

Rebecca: A README Generator for Go `TOOLS`
DAVE BROPHY

Simple to use, powerful programming language need a home? `TOOLS`
Use a simple, powerful hosting company.
LINODE `SPONSORED`

kvnode: A LevelDB-Based Key/Value Server with Redis API Support `CODE`
JOSH BAKER

Syzkaller: An Unsupervised, Coverage-Guided Linux System Call Fuzzer `CODE`
GOOGLE

Faygo: Another Go Web Framework `CODE`
HENRY LEE

HTTPLab: An 'Interactive' Web Server `CODE`
Lets you inspect HTTP requests and forge responses.
GUSTAVO CHAÍN

Soup: Web Scraping Functions, Inspired by BeautifulSoup `CODE`
Makes it easy to grab HTML pages, dig around the elements, and extract info.
ANAS KHAN

go-alone: A Simple, High-Performance MAC Signer `CODE`
A package that provides methods to create and verify MAC (Message Authentication Code) signatures.
BRUCE MARRINER

Task: A Simple 'Make' Alternative `CODE`
ANDREY NERING

Floppy Gopher: A Flappy Bird Clone Written in Go `CODE`
Uses the Go bindings for raylib.
MILAN NIKOLIC

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