Golang Weekly

Go Newsletter

Issue 114 — June 16, 2016

FEATURED

goque: Persistent Stacks and Queues Backed by LevelDB `CODE`

Provides stack (LIFO), queue (FIFO) and priority queue structures, all stored in Go's LevelDB port so they can scale beyond available memory.

CONNER HEWITT

Go Code Usage Examples in Your Editor, As You Type `TOOLS`

An interesting new tool that you can install in Sublime Text or Vim that lets you get live-updating usage examples from GitHub for the code you're currently editing.

MATTHEW SPRAGUE

Managing Syscall Overhead with crypto/rand `TUTORIAL`

Examining techniques to bypass the overhead of generating random numbers in a Go program.

SCOTT MANSFIELD

Go Python Go

What's the easiest way to speed up your Python server? By handling the requests with Go. See how Andrey Petrov did it (by using C in the middle). Read More.

HEROKU `SPONSORED`

go-dexec: Like Go's 'os/exec' Package but for Docker `CODE`

Run processes, but inside Docker containers. The docs boast you can *"off-load computationally expensive parts of your program to a remote fleet of Docker engines."* There's also an introductory blog post.

AHMET ALP BALKAN

gron: Like Cron Jobs, but within Go `CODE`

Define time-based tasks using a simple Go API and Gron's scheduler will run them accordingly.

ROY LEE

Service Autodiscovery in Go with Sleuth `TUTORIAL`

This tutorial outlines how to author microservices in Go that can discover each other as peers on a LAN without the need for an external service.

A DARIAN

JOBS

Work on a Better Stack

On Hired, engineers typically get 5+ job offers in 1 week. Find that new opportunity you've been craving and get access to 3,500+ companies instantly.

HIRED.COM

IN BRIEF

Pkg/errors 0.7.0 Released **NEWS**
DAVE CHENEY

Ultimate Go, a 2 Day Go Class in Berlin (June 25-26) **NEWS**
It's run by Bill Kennedy, perhaps the most prolific and well-travelled Go trainer out there.
BILL KENNEDY

Buford v0.7.0: Apple Push Notifications for Go 1.6 and HTTP/2 **NEWS**
Can now send multiple notifications concurrently, so is much faster.
NATHAN YOUNGMAN

Stop building APIs!
Auto-generate REST APIs from any SQL/NoSQL database. Supports V8, Node.js, PHP, and Python. Open source, active community.
DREAMFACTORY **SPONSORED**

How to Do Google Sign-in with OAuth and Go **TUTORIAL**
GERGELY BRAUTIGAM

Cleaning up Parallel Tests in Go 1.7 **TUTORIAL**
KEVIN BURKE

Go Tips and Tricks to Crack Competitive Programming **TUTORIAL**
NAREN ARYA

A Few Advanced Go Tips And Tricks **TUTORIAL**
TIT PETRIC

How I Learned To Quit Worrying And Love Go's Interfaces **OPINION**
PADDY FORAN

Find Redis Memory Leaks with RedisGreen **TOOLS**
RedisGreen's new memory map models your database, helping you track down problems and gain new insights.
REDISGREEN **SPONSORED**

PlaneBoard: Read Your Tweets on the Go via DNS TXT Records **CODE**
MARK PERCIVAL

Sleuth: Go Library for P2P Autodiscovery and RPC Between HTTP Services **CODE**
URSIFORM

wisemonk: A Bot to Move Conversations from Slack to Discourse **CODE**
Detects if people are chatting too much.
DGRAPH

Mmock: HTTP Mocking App for Testing and Fast Prototyping **CODE**
JORDI MARTIN

fuzzy-dns: A Simple DNS Server to Tolerate Typos in Subdomains **CODE**
Another DNS related project built for fun.
MOHAMED BASSEM

Pool: Consumer Pools for Easier Goroutine Handling **CODE**
GO PLAYGOUND

Gin: A Performance-Focused HTTP Web Framework **CODE**
Not new but worth revisiting.
GIN-GONIC

Party Parrot for Your Terminal **CODE**
If you don't know what party parrot is, this might not help.
JOHN HOBBS

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