Golang Weekly

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Go Newsletter

Issue 112 — June 2, 2016

FEATURED

A Draft of Go 1.7's Release Notes NEWS

Go 1.7 final isn't due for a couple of months, but there are already release notes covering the changes and updates on the branch so far.

GOLANG.ORG

Writing a Lexer in Go with LexMachine TUTORIAL

If you need to analyze strings and break them up into their component parts, this tutorial is for you. TIMHENDERSON

Introducing Gimme: Dependency-Less Dependencies for Go TOOLS

"Think of it as go get for code snippets", says Mat. Gimme provides a go get style tool for bringing files into a Go project.

MATRYER

See inside your Redis database. New memory mapping from RedisGreen

RedisGreen builds a map of your Redis memory usage, tracking the size of keys over time, helping you track down problems and gain new insights.





android-go: A Platform for Writing Android Apps in Go cope

 $\label{eq:full-condition} \textit{Full-Go-bindings} \ \textit{for the Android NDK} \ \textit{(Native Development Kit)} \ \textit{API along with examples}.$

MAXIMKUPRIIANOV

Multiplexing Go Channels to Maximize Throughput TUTORIAL

The Go language is great for concurrency, but when you have to do work that is naturally serial, must you forgo those benefits? Engineers at MongoDB faced this question.

ADINOYI WISDOMOMUYA

Taming the Golang Stack Trace TUTORIAL

"I've created a simple tool, elastistack, which will take a Golang stack trace dump and bulk load it into Elasticsearch" ESTESP

JOBS

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IN BRIEF

Go 1.7 Beta 1 Released NEWS GOLANG.ORG

Go 1.7 Introduces Subtests and Sub-Benchmarks NEWS

Getting html/template to Properly Parse JavaScript Files TUTORIAL

DAMIEN RADTKE

Fixing a Race Condition using a Mutex in Go TUTORIAL CHAD LUNG

'Make' and Go for Fun and Profit TUTORIAL

A developer shares how he uses Makefiles with his Go projects.

DANIEL SCHAUENBERG

Experimenting with Go Pipelines TUTORIAL

GMARIKINFO

Visualizing Profiling in Go: A Different Way TUTORIAL

A quick look at using KCacheGrind to visualize callgrind profiles.

FLORIN PĂŢAN

SQL Dashboards in a Flash

Periscope Data lets you run analyses over billions of rows in seconds.

PERISCOPE DATA SPONSORED

baloo: Expressive End-to-End HTTP API Testing Made Easy CODE

Check this example code to see how easy it is.

TOMÁS APARICIO

acnotifier: Know When GC Runs From Inside Your Go Code CODE

CARLO ALBERTO FERRARIS

pip-go: 'Point in Polygon' Detection CODE

Detect if a point x, y is within a given polygon (based on a set of x, ys).

JAMES MILNER

ABool: An Atomic Boolean Library for Cleaner Go Code CODE

Optimized for performance yet simple to use.

TEVIN ZHANG

Hydra: Run Your Own Low-Latency OAuth2 and OpenID Provider CODE

Handy to open up your APIs to third parties or if you want to write a mobile or in-browser client.

ORY-AM

Torus: A Distributed Storage System Organized via etcd CODE

pxl: To Display Images on the Terminal CODE

Miniredis: A Pure Go Redis Server, Ideal for Unit Tests CODE

HARMEN

quic-go: A QUIC Server Implementation in Pure Go CODE

QUIC (Quick UDP Internet Connections) is an experimental UDP-based protocol.

LUCAS CLEMENTE

arc: A Secure File Archiver CODE

gzipped tarballs with XChaCha20+ Poly1305 encryption.

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