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Go Newsletter

Issue 138 — December 8, 2016

FEATURED

Go's Real-Time GC in Theory and Practice TUTORIAL

How Go's concurrent GC achieves low latencies in real-time systems, complete with an animated visualization of the algorithm involved.

WILL SEWELL

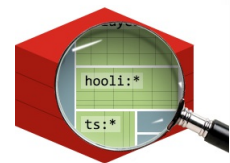
Writing Go Assembly Functions with PeachPy TUTORIAL

A guide to using [PeachPy](#), a Python-based assembly code generator, to write a module in assembly and then use it from a Go program.

DAMIAN GRYSKI

A Visual Map of Your Redis Memory

Do you know what's taking up all your Redis memory? RedisMonitor creates an interactive map of your Redis memory to show you. Starts at just \$7 per month.

REDISGREEN SPONSORED

Mux: A Powerful URL Router and Dispatcher CODE

A request router and dispatcher for matching incoming requests to their respective handler. [5 minute screencast intro](#).

GORILLA WEB TOOLKIT

Getting Started with BDD in Go using Ginkgo TUTORIAL

A thorough tutorial demonstrating the use of Ginkgo for behavior driven development on a Go app.

KULSHEKHAR KABRA

Creating Random Strings in Go TUTORIAL

A tutorial explaining how to create functions for creating random strings of varying length with custom character sets.

JON CALHOUN

JOBS

Go Senior Software Engineer (Palo Alto)

We're the team building services in Go around our infrastructure (LBs, CMDBs, VM Infrastructure) to fully automate its management and boost the productivity of the organization. Isn't that a big enough challenge?

GROUPON

Don't Get Frustrated - Get Hired

Sick of pushy recruiters, and dead end interviews? Try Hired to hear from top tier companies, and only talk to relevant companies.

HIRED

IN BRIEF

[A Look at Go 1.8's 'Plugins'](#) **NEWS**

A new approach for creating shared libraries.

JEREMY DAUGHETEE

[Connection Pooling with MongoDB](#) **TUTORIAL**

We show you how using connection pooling you can massively improve the performance of your MongoDB deployment.

COMPOSE **SPONSORED**

[Using NATS Messaging with Some of Your Favorite Go Tools](#) **TUTORIAL**

GOPHER ACADEMY

[Anatomy of a Go Webapp](#) **TUTORIAL**

TIM SHANNON

[Using the 'error' Interface for Richer APIs](#) **VIDEO**

GO IN 5 MINUTES

[What 'Accept Interfaces, Return Structs' Means in Go](#) **OPINION**

JACK LINDAMOOD

[go-runtime-metrics: Collect Metrics and Output to InfluxDB](#) **TOOLS**

TEVIN JEFFREY

[See real-time metrics from your Go apps](#) **TOOLS**

Monitor Go app performance alongside metrics and events from the rest of your apps & infrastructure.

DATADOG **SPONSORED**

[ULID: Universally Unique Lexicographically Sortable Identifier](#) **CODE**

A more efficient alternative to GUID/UUIDs, case insensitive and URL safe.

OK LOG

[jsonparser: Alternative JSON Parser That Doesn't Require a Schema](#) **CODE**

LEONID BUGAEV

[JSONiter: A Fast Drop-In Replacement for json.Unmarshal](#) **CODE**

GITHUB.COM

[goreify: Implements a Form of Generics for Go](#) **CODE**

GITHUB.COM

[pREST: Serve a RESTful API from any Postgres Database](#) **CODE**

NUVEO

[Rump: Hot Sync Two Redis Servers using Dumps](#) **CODE**

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