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Go Newsletter

Issue 115 — June 23, 2016

FEATURED

[Bleve: A Go-Based Full Text Search Database](#) [TUTORIAL](#)

Bleve is an open-source full-text search database that focuses on performance low memory use. It supports numerous KV stores for its backend.

SRDJAN MARINOVIC

[A \(Very\) Simple Windows GUI Application in Go](#) [CODE](#)

A simple gist code sample showing how to use Win32 directly from Go to bring up a simple Windows app. Good to see how it's done even if it makes for hard reading in any language.

NATHAN OSMAN

[Writing An AWS Lambda Function with Go](#) [TUTORIAL](#)

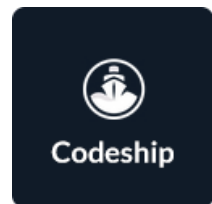
Using a Node.js-based wrapper, you can write 'serverless' functions to run on Amazon's *Lambda* service using Go.

AVI TZUREL

[Free Codeship Webinar: How to Build, Test Deploy Docker Images when Running Microservices](#)

Register for the upcoming webinar with Codeship and Cloud 66 as they cover the considerations needed when creating a microservices architecture. We will guide you through the entire Docker development process and how to test your microservices architecture.

CODESHIP [SPONSORED](#)



[unigornel: An Approach to Go-Powered Unikernels](#) [CODE](#)

A clean-slate approach to unikernels built on Xen's Mini-OS and a fork of Go. Still in development stages but the goal is to build a library operating system predominantly written in Go, much like [MirageOS](#) (which uses OCaml).

UNIGORNEL

[Retro: Retryable Errors for Go](#) [CODE](#)

Wrap failure prone sections of code in retry blocks, and conditionally retry those blocks upon different types of error.

CODESHIP

[Paradigms of Rust for the Go Developer](#) [OPINION](#)

A Go developer has been learning Rust and shares some key differences he's picked up so far.

RALPH CARAVEO III

JOBS

[Software Engineer Golang \(m/f\) at Sixt \(based in Munich, Germany\)](#)

Building next Generation mobility ecosystem. At Sixt we are looking for talented Go engineers to join our Munich office and help us build a next generation mobility ecosystem.

SIXT GMBH CO. AUTOVERMIETUNG KG

[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

[Go 1.7 Beta 2 Released](#) **NEWS**

GOLANG.ORG

[See inside your Redis database. New memory mapping from RedisGreen](#) **NEWS** **TOOLS**

RedisGreen's new memory map models your database, helping you track down problems and gain new insights.

REDISGREEN **SPONSORED**

[Authentication in Go Using JSON Web Tokens](#) **TUTORIAL**

DINOSAUR CODE

[Docker Compose + NATS: Microservices Development Made Easy](#) **TUTORIAL**

THE NATS TEAM

[How to Marshal and Unmarshal JSON with Time and URL Data](#) **TUTORIAL**

UKIAH SMITH

[Getting Started with NATS and Related Patterns](#) **TUTORIAL**

NATS is a message bus for cloud applications.

CUBE2222

[Why You No \(HTTP\) Framework?](#) **OPINION**

KYLE PURDON

[150x Faster SQL Analysis](#) **TOOLS**

Get up to 150x faster queries with Periscope's caching system.

PERISCOPE DATA **SPONSORED**

[vat: EU VAT Number Validation and Rate Retrieval](#) **CODE**

DANNY VAN KOOTEN

[Bombardier: An HTTP Benchmarking Tool](#) **CODE**

Uses fasthttp for improved performance.

МАКСИМ ФЕДЮСЕЕВ

[Flag2: A More Traditional Command Line Flag Library for Go](#) **CODE**

"I have a long history with Python, so the implementation code looks similar to Python's argparse class."

JIMMY

[isokey: Self-Contained API Keys via HMAC Signatures](#) **CODE**

AMMAR BANDUKWALA

[zsocket: Zero-Copy Sockets in Go on Linux](#) **CODE**

NATHAN SWEET

[opensimplex-go: A Patent-Free Alternative to Perlin and Simplex Noise](#) **CODE**

A port of Kurt Spencer's OpenSimplex to Go.

OWEN RACCUGLIA

[Collision2D: Simple Go Library 2D Shape Collision Detection](#) **CODE**

TÁRLITON GODOY

[fasthttp: A Fast HTTP Package for Go](#) **CODE**

Just a reminder of its existence. "In short, fasthttp is up to 10 times faster than net/http."

ALIAKSANDR VALIALKIN

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