# **Golang Weekly**

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# Go Newsletter

Issue 111 — May 26, 2016

#### **FEATURED**

## Achieving a Perfect SSL Labs Score with Go TUTORIAL

Not content with just getting an 'A' with Go's out-of-the-box SSL support, Peter Lambert looks at how to get an A+ with a 100% score.

PETER LAMBERT

# Testing Your (HTTP) Handlers in Go TUTORIAL

Building a web (HTTP) service? A look at how to unit test your handler functions, injecting the necessary dependencies, and mocking the rest.

MATT SILVERLOCK

#### go-httpd: How to Organise a Go HTTP Service CODE

An example project designed to exhibit a variety of important principles of a good Go project built around an HTTP server.

PHILIP O'TOOLE

# Free eBook: Automate your Development Workflow with Docker

In this free Codeship eBook you will learn how to use Docker to solve the problems of inconsistent environments on varying deployment targets and how to build an app to run inside an isolated Docker Container.

CODESHIP SPONSORED



#### Using Protocol Buffers from Go TUTORIAL

JSON is a popular format for marshalling data into and out of apps, but it's not necessarily that fast. Protocol Buffers offer an interesting alternative.

JACOB MARTIN

#### durafmt: Better Time Duration Formatting CODE

Formats time.Duration strings into a human readable format (because 354h22m3.24s isn't particularly easy on the eye).

WESLEY HILL

### Rend: An Memcached Proxy from Netflix CODE

A memcached proxy that manages data chunking and L1 / L2 caches and that handles tends of thousands of concurrent connections at Netflix.

NETFLIX, INC.

# DGraph 0.3 Released: A Distributed, Low Latency Graph Database CODE

A Go-based database built by someone who used to build distributed graph systems at Google.

MANISH R JAIN

#### **JOBS**

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# CFP for GopherCon 2016 Lightning Talks NEWS Submissions due by July 13. PAPERCALL Writing a Data Mapper in Go without an ORM TUTORIAL NICK GAUTHIER Object Oriented Inheritance in Go TUTORIAL TIMHENDERSON Abstracting S3 for Fun and Profit in Go TUTORIAL CRAIG SMITH Smarter JSON Configs in Go TUTORIAL CHRIS MIKKELSON Explore your Redis memory usage with RedisGreen TOOLS RedisGreen maps your database's memory, building a continually updating map of your database layout. REDISGREEN SPONSORED Bxog: A Simple, Fast HTTP Router/Request Multiplexer CODE EDUARD SESIGIN log 2.0 Released: Simple, Scalable Structured Logging for Go CODE GO PLAYGOUND basex: Create YouTube-Like IDs from Go CODE e.g. things like oHq5SJYRHA0 DINESH APPAVOO reform: A Better ORM for Go CODE Based on non-empty interfaces and code generation. ALEXEY PALAZHCHENKO rpcx: A Distributed RPC Service Framework Based on net/rpc CODE **SMALLNEST** quadtree-go: A Quadtree Implemented in Go CODE JAMES MILNER texttop: An Interactive X Desktop Rendered in TTY and Streamable Over SSH CODE THOMAS BUCKLEY-HOUSTON imphash: An Implementation of the Jump Consistent Hash Algorithm CODE **BEN JOHNSON** csv-utils: Split (rows and Columns), Sort, Search, and Edit CSV Data CODE GITHUB COM Goal: A Toolkit for High Productivity Webdev in Go CODE A proof of concept inspired by Revel and built around the concept of code generation. COLEGION An Experimental Code Generation Tool to Enable Generics in Go CODE **TAYLORCHU** 150x Faster SQL Analysis TOOLS Get up to 150x faster queries with Periscope's caching system. PERISCOPE DATA SPONSORED

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