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Go Newsletter

Issue 125 — September 1, 2016

FEATURED

Brad Fitzpatrick on What To Look Forward To in Go 1.8 NEWS

SSA for all architectures, more optimizations, a new and faster frontend parser, smaller binaries, and more. Plus some interesting answers to followup questions.

REDDIT

Go Development in Vim with vim-go VIDEO

The creator of [vim-go](#) talks how the most popular Vim plugin for Go development works and how it can make you more productive. A well recorded, helpful talk.

FATIH ARSLAN

Monitor all the things

Graph custom performance metrics from your Go app, plus memory and GC metrics from the `expvar` package. Easily correlate app performance with metrics from your hosts, containers, and the rest of your infrastructure.

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Using Functions Inside Go Templates TUTORIAL

A tutorial covering how to create and use both built-in and custom functions in templates using Go's `html/template` package.

JON CALHOUN

Excelize: Go Library for Reading and Writing XLSX Files CODE

A pure Go library for working with Excel spreadsheet files generated by Excel 2007 or later.

RI XU

Micro 1.0: A Terminal-based Text Editor CODE

A pure Go terminal-based text editor with syntax highlighting, color, mouse and Unicode support has reached [version 1.0](#).

ZACHARY YEDIDIA

A Walk Through Go 1.7 with Brad Fitzpatrick VIDEO

Yep, Brad makes it in twice this week, but he knows his stuff :-) *21 minutes*.

YOUTUBE

JOBS

Stop Applying to Jobs - Let Companies Come To You

On [Hired](#), engineers typically get 5+ job offers in 1 week. Find that new opportunity you've been craving and get access to 4,000+ companies instantly.

HIRED.COM

IN BRIEF

[A Proposal of a Design for a Bytecode Interpreter for Go](#) NEWS

THE GO INTERPRETER PROJECT

[There's A Star Wars Easter Egg in Go's 'net' Package](#) NEWS

REDDIT

[The First Commit to Go, from 1972](#) NEWS

Yes, it's a joke, but well played :-)

GO

[Join us at DataLayer](#) NEWS

Hear speakers from GitHub, Artsy, ZenDesk many others as they discuss how their teams are optimizing the data layer to scale modern web and mobile apps. Reserve your seat now for this one day event on Sept 28 in Seattle.

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[A Walkthrough of 'encoding/binary'](#) TUTORIAL

Demystifying the low-level binary encoding package.

BEN JOHNSON

[How Go 1.7's Bounds Check Elimination \(BCE\) Feature Works](#) TUTORIAL

TAPIR GAMES

[Go 1.7 'httptrace' and 'context' Debug Patterns](#) TUTORIAL

httptrace is a new addition in Go 1.7 that allows users to trace the steps of a HTTP request.

JACK LINDAMOOD

[Nested Go Channels Over The Network with Chanserv and AstraNet](#) TUTORIAL

ZENHOTELS ENGINEERING

[5 Tips for Using Strings in Go](#) TUTORIAL

JON CALHOUN

[When to Use Defer](#) TUTORIAL

KYLE W. BANKS

[From Prototype to Deployment: Building A REST Application using Go](#) VIDEO

42 minutes. Audio is not great.

LUIS PABÓN

[golq: 2D Locality Queries in Go](#) CODE

Stores 2D points and efficiently does *circle inclusion* queries.

AURELIEN RAINONE

[speechtotext: Audio to Text Converter using Google's Cloud Speech API](#) CODE

TRAVIS CLINE

[Rclone: 'Rsync for Cloud Storage' Supporting 11 Platforms](#) CODE

NICK CRAIG-WOOD

[v8: A Go API for the V8 JavaScript Engine](#) CODE

Works with the latest Chrome dev build on OS X and Linux. The creator seeks help for compiling on Windows though.

AUGUSTO ROMAN

[SCS: Session Management for Go 1.7+](#) CODE

ALEX EDWARDS

[noti: Display A Notification After A Terminal Process Finishes](#) CODE

JAIME PIÑA

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