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Go Newsletter

Issue 142 — January 12, 2017

FEATURED

Go 1.8 Release Candidate 1 Released

The final release is due in February. [Draft release notes here](#).

GOOGLE.COM

When: A Natural Language Date/Time Parser CODE

You can pass in things like 'next Wednesday at 4:20pm' or 'Saturday afternoon' to process.

MARS THE PLANET

Self Deploying Go Applications VIDEO

Moving from deploying a Go app to a single machine up to an entire cluster, Kelsey Hightower shows us how to treat the world as one massive global-scale computer.

KELSEY HIGHTOWER

Lob - Direct Mail for Developers

Lob provides an API that enables developers to send postcards, letters, checks, and more as effortlessly as sending emails. Lob is based in San Francisco, CA and is venture backed with over 6000 customers including Amazon, Square, and Counsyl.

LOB.COM SPONSORED

Visualize the Call Graph of Your Go Program TOOLS

go-callvis is a tool to help visualize the call graph of your program that uses Graphviz's dot format.

ONDREJ FABRY

Buffalo: A Go Web Framework TOOLS

Aims to wrap 'all of the best packages available and make them all play nicely together'.

BUFFALO

Oragono: A Modern, Experimental IRC Server CODE

Written in Go, naturally. It [supports](#) UTF-8 and numerous IRCv3.1 and IRCv3.2 extensions.

DANIEL OAKS

Plugins in Go 1.8

A look at the new plugin package coming in Go 1.8 - a bit of background, a look on how to make use of it and some of its (current) limitations.

NICK GROENEN

JOBS

Golang/Backend Engineer @ Poki (Amsterdam, the Netherlands)

From monolith to microservices, and all the impact around it. Join us building the ultimate online playground for kids of all ages.

POKI

IN BRIEF

[The Lead Developer 1-day conference for Tech Leads. 21 Feb, New York.](#) **NEWS**

High-level sessions on leadership and culture plus lightning talks on new tech and programming languages.

[WHITE OCTOBER EVENTS](#) **SPONSORED**

[When Too Much Concurrency Slows You Down](#) **TUTORIAL**

This tutorial explores using Go's benchmarking tools to look over a naive concurrent version of MergeSort, and applying a simple fix.

OR HILTCH

[Key Concepts for Building Web Applications in Go](#) **TUTORIAL**

JT OLDS

[Go Best Practices: Error handling](#) **TUTORIAL**

SEBASTIAN DAHLGREN

[How To Close Channels in Go Elegantly](#) **TUTORIAL**

TAPIR GAMES

[Hitless TLS Certificate Rotation in Go](#) **TUTORIAL**

DIOGO MÓNICA

[Implementing Infinite Sets in Go](#) **TUTORIAL**

SVEN HAARDIEK

[Slice Expressions in Go](#) **TUTORIAL**

MICHAŁ ŁOWICKI

[How to store result sets with materialized views in PostgreSQL](#) **TUTORIAL**

How to use materialized views to process large amounts of data fast on PostgreSQL? How about other DBs?

[COMPOSE](#) **SPONSORED**

[Series: Write Web Applications in Go Without using a Framework](#) **VIDEO**

YOUTUBE

[Using Go in the Browser with GopherJS](#) **VIDEO**

DMITRI SHURALYOV

[Gobot 1.1: Golang Powered Robotics](#) **TOOLS**

This release adds support for the ESP8266 wireless microcontroller.

RON EVANS

[go-fuzz: Randomized Testing for Go](#) **TOOLS**

Have linked before but well worth revisiting.

DMITRY VYUKOV

[go-version-update: Update The Version String of Your Go Project](#) **TOOLS**

GITHUB.COM

[vim-go 1.11 Released: Go development plugin for Vim](#) **TOOLS**

FATIH ARSLAN

[Introducing Go-Pipeline: 'Middleware' for Channels](#) **CODE**

STEVEN BOGACZ AND MICHAEL ROBINSON

[resample: Go Package for Resampling PCM-Encoded Audio](#) **CODE**

LEFTERIS ZAFIRIS

[Gores: Redis-Backed Library for Background Jobs in Go](#) **CODE**

XIAOHUI WANG

[chi: Small, Expressive Router / Mux for Go HTTP Services](#) **CODE**

PRESSLY INC.

[reverseproxy: A Simple Reverse Proxy Server](#) **CODE**

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