

[« Prev](#)[Next »](#)

Go Newsletter

Issue 43 — January 29, 2015

Featured

Game Development in Go OPINION

A look at why the author chose Go for a hobby gamedev project and how he approached it. Now I'm considering Go for the next [Ludum Dare](#) too.

JOEL WEBBER

Honest Question: What Do You Consider Go's Biggest Strength? OPINION

REDDIT

13 Short Go Tutorials with Videos TUTORIAL VIDEO

Covering bite size topics such as installation on the Mac, packages, syntax, loops, if/else, methods, interfaces, etc.

ALEXANDER WHITE

Announcing Hound: A Lightning Fast Code Search Tool TOOLS

From Etsy comes Hound, a tool for quickly searching large, complex codebases. Naturally, it's written in Go.

CODE AS CRAFT

Comcast: A Poor Network Connection Simulator TOOLS CODE

Tinkers behind the scenes with ipfw/pfctl/iptables/tc to make your network temporarily act poorly to enable more realistic testing.

TYLER TREAT

From our sponsor

Go Language Training

The Ardan Labs Go Bootcamp is a 3 day class providing a comprehensive and idiomatic view of the Go programming language. The class covers topics ranging from language syntax, OOP, concurrency, channels, testing, debugging and more. Great for anyone interested in getting a jump start on learning Go or wanting to understand more about the language and internals.

ARDAN LABS SPONSORED



Reading

Go's Connection Pool, Retries, and Timeouts

"This is a story of intermittent 500 Internal Server errors from APIs, that ended up being caused by a hardcoded constant in Go's database/sql package."

BARON SCHWARTZ

Beautifully Simple Benchmarking with Go TUTORIAL

A straightforward look at doing some simple performance tests on a function.

SOROUGH POUR

Getting started with Go and Docker TUTORIAL

Ultimately aimed at deploying on the author's platform, but the basics are generic enough.

TUTUMCO

Go's io.Reader Interface TUTORIAL

Also aims to provide a good overview of implementing interfaces in general.

MICHAEL SCHUETT

Parsing Command Line Arguments in Go (and Introducing mow.cli) TUTORIAL

A comprehensive look at different approaches to parsing command line arguments and invoking code paths based on them.

JAWHER MOUSSA

Our Experience with (Porting a JRuby App to) Golang

An extensive first hand case study of why a team ported a 30K LOC app from JRuby to Go and what the pros and cons were.

SCRIPTROCK

Implementing A Tor Relay From Scratch

TOM VAN DER WOERDT

Code, Libraries and Tools

AppStrat: Analyzes Go Program Structure from its GitHub Repo

WIEGER STEGGERDA

go-tld: A TLD Parser in Go

Has the same API as net/url but adds Subdomain, Domain, TLD and Port fields.

JAIME PILLORA

Prometheus: An Open-Source Service Monitoring System and Time Series Database

SoundCloud introduce their open-source monitoring solution which has been in development since 2012. Built on Go.

SOUNDCLOUD

mow.cli: A Versatile Library for Building Command Line Applications

JAWHER MOUSSA

Gotalk: Async Peer Communication Protocol + Library

Makes it easy for programs to talk with one another over the net.

RASMUS ANDERSSON

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