

[« Prev](#)[Next »](#)

Go Newsletter

Issue 47 — February 26, 2015

FEATURED

Exploring Go's Runtime - How a Process Bootstraps Itself

The start of a series of a posts looking at how an executable produced by Go 1.4.1 bootstraps the environment in which it runs. This is low level stuff.

MATT PROUD

Running Go Programs On a \$15 Device

Nope, not a Raspberry Pi but a WT1520 router.

SAJAL KAYAN

Hacking with Andrew and Brad: Writing an HTTP/2 Client in Go VIDEO

Over the course of 1 hour and 46 minutes, Andrew Gerrand and Brad Fitzpatrick write the beginnings of a HTTP/2 client in Go. It's long but you should pick up some new techniques and ideas.

YOUTUBE

Go Language Training

The Ardan Labs Go Bootcamp is a 3 day class providing a comprehensive, idiomatic view of Go. It covers syntax, concurrency, channels, testing, debugging + more. Great for anyone wanting to get a jumpstart on Go or to understand more of the language.

ARDAN LABS SPONSORED



The 5 Stages of Learning Go (with Examples)

Find out if you're a newcomer, explorer, builder, expert or advocate.

FRANCESC CAMPOY

Grind: A Go Program 'Polisher' TOOLS

Grind rewrites Go programs and does dead code elimination, goto lining, unused label removal, and similar cleanups.

RUSS COX

GopherLua: A VM and Compiler for Lua in Go TOOLS

Not a toy project but actually designed to let you easily embed a trusted scripting language (Lua) into Go host programs.

YUSUKE INUZUKA

IN BRIEF

[New SSA Backend for the Go Compiler](#) NEWS

“For the 1.6 release, I'd like to propose doing some more radical surgery on the compiler. I'd like to convert from the current syntax-tree-based IR to a more modern SSA-based IR.”

KEITH RANDALL

[Free Half-Day Go Training Workshops in London](#) NEWS

Looks like this is to promote a more expensive 3 day training, but could be useful in its own right.

FRAMEWORK TRAINING

[Scheduler Tracing In Go](#) TUTORIAL

A look at how to interpret the scheduler trace information from a sample concurrent Go program.

WILLIAMKENNEDY

[IPv6 and IPv4 Name Resolution with Go](#) OPINION

GARRETT D'AMORE

[Why Timehop Chose Go to Replace Their Rails App](#) OPINION

TIMEHOP

[You Don't Like Go Because You Are Small](#) OPINION

Some criticisms being thrown at Go. Only if you enjoy a bit of flamebait..

TZVETAN MIKOV

[gore: Yet Another Go REPL](#) TOOLS

Includes line editing, code completion, and more.

HIROSHI SHIBAMURA

[Gorack: A Go Frontend Webserver for Ruby's Rack Applications](#) CODE

Still an alpha / proof of concept.

GMARIK

[Burlesque: A Message Queue Server with HTTP Interface](#) CODE

Uses long polling. Kyoto Cabinet is the backend DB.

AVIASALES

[safekeeper: CLI Tool That Substitutes Tokens with ENV Variables](#) CODE

Integrates with go:generate to replace substitute tokens with environment variable values, as a way to keep secrets safe from your source.

ALEXANDRE NORMAND

[Piper: A Functional Concurrent Pipeline Builder and Manager for Go](#) CODE

PEDRONASSER

[Burlesque: A Message Queue Server with HTTP Interface](#) CODE

AVIASALES

[Hugo 0.13 Released: A Fast and Flexible Static Site Generator](#) CODE

STEVE FRANCIA

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