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Go Newsletter

Issue 84 — November 12, 2015

FEATURED

Six Years of Go

Just 6 years ago this week, Go was released as an open source project. Andrew Gerrand briefly reflects on the progress Go has made in this time.

ANDREW GERRAND

testing/quick: Go's Little-Known Blackbox Test Harness VIDEO

A tidy 40 minute Google Tech Talk overview of testing/quick, a handy package for doing blackbox testing in Go. If you'd rather read than watch, the speaker [has a blog post too](#).

YOUTUBE

My Go IDE in a Container

Ray was getting his vim-based Go development setup going but was concerned of the effort involved if he had to redo it from scratch, so he built it as [a Docker container](#) instead.

RAY TSANG

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http2 in Go 1.6 SLIDEDeck

The slidedeck of Brad Fitzpatrick's dotGo talk about Go 1.6's native support for HTTP/2. Video likely to be available soon if you'd rather wait.

DOTGO 2015

Which Language Has The Brightest Future in Replacing C: D, Go, or Rust?

Andrei Alexandrescu, co-creator of the D language, gave some good insights here. Spoiler: he's not a huge Go fan.

QUORA

Gauge: A Cross-Platform Test Automation Tool TOOLS

A solid looking project from ThoughtWorks. Curiously, while it's entirely written in Go itself, it only supports Java, Ruby and C# for the underlying test code.

THOUGHTWORKS

shortuuid: A Generator of Short, Unambiguous URL-Safe UUIDs CODE

Based on and compatible with the Python library of the same name. Example: `shortuuid.UUID()` may return

```
"aJLWxEodc6CmQLHADuKVwD"
```

PETER RENSTRÖM

JOBS

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IN BRIEF

[Go Generate Your Database Code](#) **TUTORIAL**

Use go:generate to quickly build domain methods on top of sqlx.

WILLOWTREE DEVELOPMENT BLOG

[Turning GoLang Code into an npm Module with GopherJS](#) **TUTORIAL**

MARK PERCIVAL

[Doing Image Analysis in Golang](#) **VIDEO**

TODD MCLEOD

[Go's Error Handling is Elegant](#) **OPINION**

DAVID NIX

[Tools for Working with Go Code](#) **SLIDEDECK** **TOOLS**

FATIH ARSLAN

[golongpoll: An HTTP Long-Polling Library That Makes Web Pub-Sub Easy](#) **CODE**

J CUGA

[noti: Display A Notification After A Terminal Process Finishes on OS X](#) **CODE**

JAIME PIÑA

[Xig: A Globally Unique ID Generator](#) **CODE**

It uses Mongo's object ID algorithm.

OLIVIER POITREY

[minio-go: Go Library for Amazon S3-Compatible Cloud Storage](#) **CODE**

MINIO CLOUD STORAGE

[Evo: A Framework for Evolutionary Algorithms in Go](#) **CODE**

CHRIS BARRICK

[features: Handy Tool to Deal with Feature Toggling in Go](#) **CODE**

ALBERTO LEAL

[goxpath: An XPath implementation in Go](#) **CODE**

Still at an early stage though.

CHRIS TRENKAMP

[Advanced JavaScript Highlights](#)

Get familiar with advanced concepts like ES6, promises, prototypal inheritance, async coding + more.

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