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Go Newsletter

Issue 92 — January 14, 2016

FEATURED

GopherCon 2016: A Conference for Go Devs (Jul 11-13, Denver, CO)

You can now buy tickets to the largest event in the world dedicated to Go. Want to speak? The CFP closes on Jan 31st.

[GOPHERCON.COM](#)

Go 1.5.3 Released NEWS

Due to a security issue in in Go's math/big package

[GOOGLE.COM](#)

LLVM 3.8's Debugger Will Include Go Support NEWS

Including a Go expression parser and type system. Goroutines are treated as threads. More details are available in [Debugging Go Code with LLDB](#).

[RYAN BROWN](#)

Go with More Options

Take advantage of Go's simplicity and concurrency on a scalable, container-based platform. Build apps using Gin, Martini, Negroni, Gorilla, stdlib & 150 add-ons. Heroku gets out of the way, so you can focus on building high-traffic apps and APIs.



[HEROKU](#) SPONSORED

Writing AWS Lambda Functions in Go

AWS Lambda is a cloud service that lets you run Node, Python and Java code without a server, but you can make Node call out to a compiled Go program.

[JACOPO DAELI](#)

pome: A Postgres Metrics Dashboard Written in Go CODE

If you're running and managing your own Postgres instance, having a simple and elegant dashboard like this could be handy.

[RACH BELAID](#)

mysqldriver-go: A GC-Optimized MySQL Driver CODE

Other MySQL drivers implement the database/sql interface but this can require the storage of many objects on the heap. This alternative is GC-optimized and performance oriented.

[PUBNATIVE GMBH](#)

Gopher Gala: A Distributed Go Hackathon, Jan 22-24 NEWS

Showcase your skills and compete for prizes against the best Go developers from around the world.

[GOPHERGALA.COM](#)

Go 1.6 Beta 2 Released NEWS

[GOLANG-NUTS](#)

The Hidden Dangers of Default Rand

'This post is based on a real-world problem that I faced when I was developing a load generator program for work.'

[SCOTT MANSFIELD](#)

Should We Use Mocking Libraries for Go Testing?

A developer did some research on the pros and cons of mocking libraries vs hand-written mocks.

[MATT DUPREE](#)

JOBS

Go Get Hired, With Hired

Never had a company apply to you? Well now you can when you sign up at [Hired.com](#) to receive your personalized offer, base salary and total compensation up front.

[HIRED.COM](#)

IN BRIEF

Buffer-less Multipart POST in Go TUTORIAL

DEPADO

Containerize Go Apps with Docker and Bluemix TUTORIAL

SING LI

Engineering IoT Solutions with Go OPINION

AARON ALLSBROOK

Golang and Why It Matters OPINION

JAMES O'TOOLE

Monitoring: Go real-time TOOLS

Track any metric via ExpVars, then graph, set alerts, and correlate with perf throughout your stack.

DATADOG SPONSORED

Clock: A 'time' Package Replacement for Mocking Times and Timers CODE

BEAM

Fosite: A Security-First OAuth 2 Framework for Go CODE

Implements IETF RFC6749, counterfeits weaknesses covered in IETF RFC6819 and countermeasures various database attack scenarios, keeping your app safe.

ORY.AM

go-input: Elegant Reading of User Input at the Console CODE

TAICHI NAKASHIMA

apex: Minimal AWS Lambda Function Manager with Go Support CODE

APEX

A Go Web App Example - Entry Point, File Structure, Models, and Routes CODE

JOSEPH SPURRIER

cloudfile: A Consistent Way to Work with Remote Files CODE

For writing code that doesn't care whether its data comes from the filesystem or a remote provider.

ALEX FLINT

mmapio: io.ReadSeeker and io.WriteSeeker Implementation for mmap CODE

AYAME

IBM's Port of Go to Its S390X Mainframes CODE

LINUX ON IBMZ SYSTEMS OPEN-SOURCE TEAM

CRUD: A Minimalistic Relational Database Library CODE

AZER KOÇULU

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