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Go Newsletter

Issue 80 — October 15, 2015

FEATURED

Padding is Hard

Core team member Dave Cheney shares a story about speeding up the Go compiler with a look at alignment and padding of memory structures.

DAVE CHENEY

Go Fragments: Short, Annotated Go Programs to Learn From

65 (so far) simple, idiomatic examples of doing certain things or using certain functions in Go.

PATRICK TOCA

Using Go with AWS Lambda

Amazon's [Lambda](#) service lets you run code in the cloud without spinning up a specific server. It supports Node, Java and Python out of the box but it's possible to call Go code via Node too.

TOMMAIAROTO

Plug Email Into Your App with Mailgun

Send email in your language of choice like Go using Mailgun's RESTful API. The first 10,000 emails are free. Read our documentation and start testing now.

MAILGUN **SPONSORED**



Understanding Memory Allocation in Go **VIDEO**

In 30 minutes, Dean Elbaz covers the essentials from the differences between values and references, how built-in datatypes work with memory, and how Go's garbage collector works.

GOLANG UK CONFERENCE 2015

Fragmenta: A Go Content Management System **TOOLS**

Lets you get started quickly, has an admin system, user support, etc. but also lets you customize, tweak and recode to your own requirements.

MECHANISMDSIGN

Selling a Go Game at Comiket

A slide-based tale of how a developer built a game and sold copies of it at a Japanese comic market.

GREGORY ROSEBERRY

Siberite: A Simple LevelDB-backed Message Queue **CODE**

A durable message queue server that can handle queues larger than what can be held in RAM, with all messages kept out of process for low memory use.

ANTON BOGDANOVICH

Whispered Secrets **VIDEO**

A fun talk from Eleanor McHugh about security in app design and some demos of cryptography and security work in Go.

GOLANG UK CONFERENCE 2015

JOBS

Golang Database/Distributed Systems Engineer at InfluxDB (anywhere)

If you've got a background building databases or distributed systems and want to store and process data at scale using Go, please apply.

INFLUXDB

IN BRIEF

On Golang tip, HTTP/2 now enabled by default with net/http NEWS

BRAD FITZPATRICK

Golang Tripping Hazards OPINION

"I always end up finding things that I really wish someone had told me at the beginning."

DAN MILES

A Look at Go Lexer/Scanner Packages OPINION TOOLS

FATIH ARSLAN

What Packages/Libraries Do We Need in Go Today? OPINION

Currently top is "Anything GUI related which will stay alive."

REDDIT

Debugging Go Programs with godebug VIDEO

A tight 5 minute screencast.

YOUTUBE

Complex Concurrency Patterns with Go VIDEO

GOLANG UK CONFERENCE 2015

Everything You've Wanted to Know About Go Web Apps (But Were Afraid to Ask) VIDEO

MARK BATES

Programming in Go with Michael Van Sickle PODCAST

.NET ROCKS

An Async Read-Ahead Package for Go CODE TUTORIAL

Allows you to add readahead to any Go reader.

KLAUS POST

Mention: Twitter-like Mention and #hashtags Parser for Go CODE

GEOFFREY ERNEST

Stats: Commonly Used Statistics Functions CODE

From sum and simple mean through to percentiles, covariance, quartiles, and harmonic mean.

MONTANA FLYNN

Clarifai Library for Go CODE

Clarifai is a visual recognition service.

SAM COUCH

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