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Go Newsletter

Issue 78 — October 1, 2015

FEATURED

The Go Forum: A Place to Talk Go

Golang Bridge has unveiled a [Go Forum](#) dedicated to Go discussion, questions and answers, etc. It looks like it'll be a great community resource.

GOLANG BRIDGE

A Go GC Proposal: Dense Mark Bits and Sweep-Free Allocation

A proposal that would eliminate the need for the sweeper and a new representation for the mark bitmap to enable it, reducing the cost of allocation and paving the way for future advances to the Go GC that require multiple mark bits.

AUSTIN CLEMENTS

Go Maps Don't Appear to be O(1)

Connor has been trying to measure the efficiency of maps in Go. There's [further discussion on Reddit](#) about his findings.

CONNOR PEET

Graph, slice, and correlate Go metrics

Capture your Go metrics via expvar and/or statsd, and Datadog can instantly graph, slice, and aggregate them on demand, at any scale. Easily correlate Go metrics with what's happening throughout your infrastructure. Start your Datadog trial today!

DATADOG **SPONSORED**



A Pattern for Optimizing Go **TUTORIAL**

A look at how some real world Go code was optimized using Go's built in profiler.

JACK LINDAMOOD

Writing and Running Go APIs in Docker **TUTORIAL**

Short and sweet tutorial for creating a simple HTTP API server (with Martini).

EWAN VALENTINE

Wide: Web-based IDE for Teams using Go **TOOLS** **CODE**

Not a hosted service, but it's open source so you can download and install it yourself.

B3LOG

Why Go Can Rival Java in The Enterprise **OPINION**

A high level opinion/summary piece, but further demonstration of Go's growing influence.

TECHWORLD

JOBS

Go Developer at Mesosphere (San Francisco, CA)

Help Mesosphere build a new kind of OS that spans all of the servers in a physical or cloud-based datacenter. They're implementing Go language support for Mesos in Go, and using Go to enable frameworks such as Kubernetes on Mesos.

MESOSPHERE

Software Engineering to enable biotech research in the cloud (SF Bay Area)

Join us in our mission to pull biotechnology research into the world of software as we build the first cloud laboratory. As one of the early engineers, you will work alongside scientists and other web developers on a tight-knit team, applying your expertise in software engineering generally, and Go specifically, to help make this vision a reality.

EMERALD CLOUD LAB

IN BRIEF

Women Who Go (London) NEWS

In a few weeks (Oct 21) is a kickoff meeting for a new group for women interested in getting together to talk about the Go programming language.

MEETUP

Elastic Beanstalk Update – Support for Java and Go NEWS

AWS OFFICIAL BLOG

Using ZeroMQ with Go TUTORIAL

OLDSCHOOL SYSTEMS

Testing in Go by example: Part 5 TUTORIAL

MICHAEL WHATCOTT

Easy HipChat Addons In Go TUTORIAL

If you're using Atlassian's HipChat as your team chat service, this will be useful for you.

NICOLA PAOLUCCI

Twelve Go Best Practices VIDEO

FRANCESCO CAMPOY

Writing Testable Go Code and Fast Unit Tests with Mocking VIDEO

YOUTUBE

Sorry, Ruby — I Think I've Fallen for Go! OPINION

JOSHUA DELSMAN

config: Go Configuration Abstraction Library CODE

ADRIAN DUKE

Martini: A Modular Webapp/Web Service Framework CODE

CODEGANGSTA.IO

Recover: Go HTTP Middleware That Catches Panics and Serves An Error Response CODE

ANDREW WAYNE

Gryffin: A Large Scale Web Security Scanning Platform From Yahoo CODE

YAHOO INC.

Validator: Go Struct and Field Validation CODE

Including Cross Field, Cross Struct, Map, Slice and Array diving.

GO PLAYGROUND

numwords: Convert Natural Language Strings to Numbers CODE

CHRIS ROCHE

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