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## Go Newsletter

Issue 54 — April 16, 2015

### FEATURED

#### [Polymer Gopher: Building Google App Engine Apps with Go](#) VIDEO

Just over an hour spent walking through the process of building a webapp using Go on top of App Engine along with Polymer for the front end. Well recorded and a good tutorial.

FRANCESC CAMPOY FLORES

#### [Sling: A Go REST Client Library](#)

A 'sling' stores HTTP request properties to simplify making requests and decoding responses.

DALTON HUBBLE

#### [When do errors happen? \[Data study\]](#)

Over 70% of bugs happen outside of office hours, data from 40k releases and 10m errors. [This & other facts.](#)

OPBEAT SPONSORED

#### [The 10 Best Go Videos](#) VIDEO

An opinionated but solid collection of Go related talks covering topics like building Web services, scaling, cryptography and distributed systems.

HAKKA LABS

#### [Writing a Lexer and Parser in Go - Part 1](#)

The first in a new series based heavily on a 2011 presentation by Rob Pike called [Lexical Scanning in Go](#). Adam aims to build a complete INI file parser over 3 posts.

ADAMPRESLEY

#### [Getting Started with GopherJS](#) VIDEO

GopherJS is a Go to JavaScript compiler and this 35 minute talk covers all the basics as well as a variety of tips and tricks for putting Go to work on the Web.

DMITRI SHURALYOV

### JOBS

#### [Go developers are in demand](#)

You'll create a profile over 1 week tech companies will apply to you! You'll get salary/equity offers upfront you're under no obligation to accept any offer. Interested? Join Hired today.

HIRED.COM

### IN BRIEF

## First GopherCon 2015 Speakers Announced NEWS

GOPHER ACADEMY

## How to Build Your Own Dynamic DNS Service with Go TUTORIAL

MATEUSZ KACZANOWSKI

## Reading and Writing Redis Protocol in Go TUTORIAL

REDISGREEN

## What Does Your Go Workflow Look Like? OPINION

REDDIT

## Looking for Security Trouble Spots in Go Code OPINION

0XDABBAD00

## Autocompeter: A Fast AJAX Autocomplete Service and Widget TOOLS CODE

Uses an open source Go-powered backend, with JavaScript for the frontend. Use their server or spin up your own.

PETER BENGTTSSON

## goauto: Go Package for Building Automation Tools CODE

DAVIN HILLS

## simple-scrypt: A Wrapper Around Go's 'scrypt' Package CODE

A convenience library for generating, comparing and inspecting password hashes using the scrypt KDF in Go.

MATT SILVERLOCK

## Go Functions to Calculate The Distance in Meters Between Long/Lat Points CODE

CONNER DIPAULO

## httpmock: HTTP Mocking in Go Made Easy CODE

GOWARE

## ly: Simple, File-Based Database Management System (DBMS) for Go CODE

Stores each record as a JSON file.

JAMEY CRIBBS

## html2text: HTML to Plaintext Conversion Library CODE

JAY TAYLOR

## boulder: An ACME-Based CA, written in Go CODE

LET'S ENCRYPT

## niltalk: A Multi-room Disposable Chat Service Written in Go That Uses WebSockets CODE

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