# Golang Weekly

## Go Newsletter

Issue 44 — February 5, 2015

## Featured

### Webseclab: Yahoo Open Sources a Security Testing Tool, Written in Go CODE

*YAHOO INC.*

### Amazon Web Services Gets with The Golang Program NEWS

More specifically, Amazon has taken over Stripe's aws-go library. It's great to see Go increasingly featured on mainstream tech news sites.

*GIGAOM*

### Monthly Go Challenge Starts 1st March 2015 NEWS

*REDDIT*

### go-json-rest: A Quick and Easy Way to Setup A RESTful JSON API CODE

A thin layer on top of net/http that helps building RESTful JSON APIs.

*ANTOINE IMBERT*

### The Gopher Gala 2015 Finalists NEWS

*GOPHER GALA*

### A Bug Bounty Program for the Go Ethereum Client NEWS

*CROWDCURITY*

## Reading

### Go and Rust: The Road Ahead for Two Young Programming Languages

*INFOWORLD*

### Channeling Failure

A look at some common patterns from simple usage of channels to control and throttle concurrency to more complex patterns such as the CircuitBreaker which can be used to prevent cascading failures.

*MATT HEATH*

### JSON, Interfaces, and go generate

Slides from a recent talk that look at various ways of deserializing JSON into a Go struct.

*FRANCESC CAMPOY*

### Context and Cancellation of Goroutines TUTORIAL

*DAHERNAN*

### Walking Trees Through Go's Concurrency TUTORIAL

*TONI CÁRDENAS*

[Introducing gocraft/dbr: Additions to database/sql for Faster Performance and Convenience](#) TUTORIAL

*USERVOICE*

[Achieving Type Generic Functions in Go, without using Reflections](#)

*MOTEMEN*

## Code, Libraries and Tools

[nitrogen: A Simple Dependency Manager for Go](#) TOOLS

*LUCA CHIRICOZZI*

[Neo: A 'Blazing Fast' Go Web Framework](#) CODE

With a simple Sinatra-like API, it supports automatic reloading and recompilation.

*IVPUSIC.GITHUB.IO*

[crowbar: Tunnel TCP Over A Plain HTTP Session](#) CODE

*SERGIUSZ BAZAŃSKI*

[iocontrol: Measure and Throttle The Rate At Which Data Is Transferred](#) CODE

Offers io.Writer and io.Reader implementations that let you measure and throttle the data rate.

*ANTOINE GRONDIN*

[pgopher: A Static Binary to Run Postgres Commands](#) CODE

Don't want to have psql installed on a certain system? pgopher uses the pure Go Postgres driver to let you issue commands directly.

*LONG NGUYEN*

[pt: A Path Tracer Written in Go](#) CODE

An intensive but beautiful way of rendering 3D scenes that have realistic lighting.

*MICHAEL FOGLEMAN*

[Bampf: A Simple 3D Arcade Style Game Built in Go](#) CODE

It's also [on the Mac App Store](#) and I'm encouraging the author to write up the process.

*GALVANIZED LOGIC*

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