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Golang Weekly

Issue 197 — February 8, 2018

FEATURED

[Go 1.8.7, 1.9.4, and 1.10rc2 Released Due to Security Issue](#)

“By using the clang or gcc plugin mechanism, it was possible for an attacker to trick the “go get” command into executing arbitrary code.”

ANDREW BONVENTRE

[The State of Go 1.10](#) VIDEO

A 24 minute overview of what's coming up with Go 1.10 given at the Go Devroom at FOSDEM. No time for a video? [The slides are here.](#)

FRANCESC CAMPOY

[Performance Monitoring for Go, Java, Ruby, and Python Apps](#)

Visualize and alert on custom metrics in real-time with Datadog. Utilize distributed tracing and interactive flame graphs to gain full-stack visibility and optimize Go, Java, Ruby, and Python application performance. [Try Datadog free.](#)

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[A Look at Go Framework Popularity](#)

An analytical look at 20 different web and microservice frameworks based on stars, commits, issues, and more. Can you guess what won?

REDMONK

[A Guide to Writing Dockerfiles for Go Webapps](#)

Incrementally building a basic Dockerfile with live reloading and package management which is then optimized for production with a 100x reduction in size.

SHAHIDH K MUHAMMED

[Extending GopherJS](#)

A thorough dive into how GopherJS (a Go to Javascript compiler) works and how to extend it with some real-world, browser situations.

CALEB DOXSEY

JOBS

[Senior Software Engineer](#)

Come help WP Engine build our next generation architecture, create new tools for developers, and provide intelligent insights to our 75,000+ customers in 130+ countries.

WP ENGINE

[Looking for a Job at a Company That Prioritizes Go?](#)

Try Vetterly and we'll connect you directly with thousands of companies looking for talented back-end devs.

VETTERLY

IN BRIEF

[A Comprehensive Guide to Publishing Go Libraries](#) TUTORIAL

Covers dependencies, docs, tests, CI, and licensing.

DARA HAYES

[Simply Scale Go-libvirt with Code Generation on DigitalOcean](#) TUTORIAL

Use code generation to extend libvirt's extensive API without leaving the comfortable environment of Go.

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[Instrumenting a Go Service for Prometheus](#) TUTORIAL

Includes writing your own custom metrics, as well.

ALEX DZYOBA

[Building a JSON API in Go](#) TUTORIAL

CORY FINGER

[An Intro to dep: How to Manage Your Go Project Dependencies](#) TUTORIAL

YING KIT YUEN

[Writing a Space Invaders Game with Go](#) TUTORIAL

SAU SHEONG CHANG

[A Simple Echo Server in Go](#) TUTORIAL

BEN HYRMAN

[Advanced Go Debugging with Delve](#) VIDEO

DEREK PARKER

[Linux Cloud Hosting Starting at 1GB of RAM for \\$5/mo](#) TOOLS

LINODE CLOUD HOSTING SPONSORED

[GoReleaser: Deliver Go Binaries As Fast and Easily As Possible](#) TOOLS

Built with CI tools in mind.

GORELEASER

[Butler: An Assistant to Scaffold New Projects](#) TOOLS

butler can create a new project based on a template, which is just a git repository.

NETZKERN AG

[gijit: A Just-In-Time Trace-Compiled Go REPL](#) CODE

JASON E. ATEN

[DNSEncrypt-Proxy 2: A Flexible DNS Proxy, with Support for Encrypted DNS Protocols](#) CODE

FRANK DENIS

[govmomi: Go library for the VMware vSphere API](#) CODE

VMWARE

[goiv: A Simple Image Viewer Written in Pure Go](#) CODE

MILAN NIKOLIC

[packr: Embed Static Files Into Go Binaries](#) CODE

GITHUB.COM

[New: Go Error Logging SDK](#) Fast Debugging

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