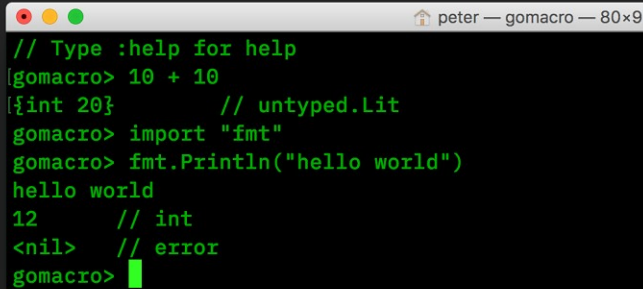


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#219 — JULY 12, 2018

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Golang Weekly



```
// Type :help for help
[gomacro> 10 + 10
[{}int 20}          // untyped.Lit
gomacro> import "fmt"
gomacro> fmt.Println("hello world")
hello world
12          // int
<nil>       // error
gomacro>
```

[gomacro: An Interactive Go Interpreter and Debugger](#) — Can be used as a typical REPL or as a debugger, alternatively it can bring an `Eval()` function and scripting capabilities to existing Go code, or even be used to experiment with generics and Lisp-like macros.

MASSIMILIANO GHILARDI

[Slices from the Ground Up](#) — Inspired by a conversation on using a slice as a stack, Dave Cheney explores how slices work in relation to arrays and how slices are internally represented.

DAVE CHENEY

[Telegraf: The Open Source Go Collection Agent](#) — Learn how to use [Telegraf](#): the agent for collecting and reporting metrics and events.

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[Browsh: A Fully-Modern Text-based Browser, Rendering to TTY and Browsers](#) — A fun one, this. It uses headless Firefox behind the scenes but renders graphics and video out to terminal.

BROWSH

[Introducing Open API \(Formerly 'Swagger'\) with Go](#) — Open API, formerly known as Swagger, is a way to describe REST APIs. This now concluded three part series introduces the main concepts and some tooling for building Open API-based APIs in Go.

EYAL POSENER

[Flaggy: Idiomatically Go Command Line Input Parsing](#) — Supports subcommands, positional values, and flags at any position. No external dependencies. [Kingpin](#) is another popular option if you're in the market for this sort of library.

ERIC GREER

[GoCV 0.14.0: Going Deeper Into DNN for Computer Vision](#) — The latest version of GoCV, an OpenCV-based computer vision library for Go, takes advantage of some new features in OpenCV for using models from systems like Tensorflow.

GOCV

☐ [Jobs](#)

[Go Backend Developers \(Lyon, France\)](#) — Want to work on a unique big-data cybersecurity platform to secure critical infrastructure? [Join us](#).

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[Find A Job Through Vetterly](#) — Vetterly matches top tech talent with fast-growing companies. Create your profile to get started.

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☐ Tutorials & Articles

[Binding Go Structures to JS References in WebAssembly](#)

NICOLAS LEPAGE

[Make Go Applications Faster with StackImpact](#) — Optimize and troubleshoot application latency and efficiency in production and development environments.

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[Using Go for WebAssembly Applications](#) — We've linked to a few similar tutorials recently but it's an exciting space to play in right now with the Go 1.11 beta.

SEBASTIAN HOLSTEIN

[Learn Go with Tests: Reflection](#) — Reflection can have a bit of a steep learning curve, so walking through this subject with tests is a great approach.

CHRIS JAMES

► **[High Performance Go](#)** — A 50 minute talk covering benchmarking, profiling, and tracing.

DAVE CHENEY

[Using Interfaces and Dependency Injection to Future Proof Your Designs](#)

DANIEL MICAN

[Build a Netflix Style Video Platform - Golang API Client](#)

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☐ Code

[Fathom: A Privacy-Focused Website Analytics System](#) — A Go and Preact (a smaller and faster React, essentially) alternative to something like Google Analytics.

FATHOM

[shellquote: Quotes Strings for Shell Scripts](#) — There's a brief post covering [the how and why](#).

FREWSCHMIDT

[Go Config: A Pluggable Dynamic Config Library](#)

ASIMASLAM

[runq: Run Regular Docker Images in KVM/Qemu](#)

IBMCORP.

[Gaia: An Automation Platform to Build Powerful Pipelines](#) — Based on HashiCorp's go-plugin and gRPC over HTTP2.

GAIA

[Oathkeeper: A Cloud Native Identity & Access Proxy \(IAP\)](#) — ..which authenticates and authorizes incoming HTTP requests. Written in Go.
ORY

[ULID: Universally Unique Lexicographically Sortable Identifier](#) — A more efficient alternative to GUID/UUIDs, case insensitive and URL safe.
OK LOG

[Take Our 5-Min Survey & Win a Chance at a Lego Mindstorm](#)

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[httpu: A 'Terminal-First' HTTP Client](#) — For playing or working with existing HTTP APIs from the terminal.
HARRY LAWRENCE

[Noise: A Decentralized P2P Networking Stack](#) — A stack for decentralized applications and cryptographic protocols.
PERLIN NETWORK

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