Golang Weekly

Go Newsletter

Issue 151 — March 16, 2017

FEATURED

Profiling and Optimizing Go Web Applications

Using the built-in `net/http/pprof` package to measure/correct various web performance metrics.
ARTEM KRYLYSOV

The Tale of a Developer's First Go Patch

"it is just astonishing how a subtle issue with a so simple patch yielded so much trouble"
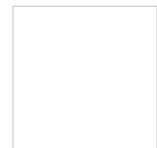*WANDER LAIRSON COSTA*

Blocks and Scopes in Go

Learn about the different types of 'code blocks' in Go, how they relate to one another, and the scoping of elements declared within them.
TAPIR GAMES

Monitor + visualize Go app performance in real-time

Want to graph custom metrics from your Go apps alongside 150+ technologies? Get going with a 14-day free trial.
DATADOG

Using Go to Guide Design Decisions

Go helped DNSimple find inconsistencies in their API design.
SIMONE CARLETTI

apd: An Arbitrary-Precision Decimal Package

Created by Cockroach Labs to solve issues found when using Go's own `math/big`.
MATT JIBSON

Acra: An Open Source Postgres Protection Suite

Tools to secure Postgres databases in distributed environments. Selectively encrypt sensitive records and detect potential intrusions and SQL injections. More here.
COSSACK LABS

IN BRIEF

Calling Go Functions from Lua `TUTORIAL`
TIT PETRIC

Using Go with MySQL (28 minute screencast) `VIDEO`
MINA ANDROWOS

[Webinar] Developing MySQL Apps with Go `VIDEO`
In this webinar, Baron Schwartz, Founder of VividCortex introduces the integration of Go and MySQL.
VIVIDCORTEX `SPONSORED`

gokrazy: A Pure-Go Userland for Raspberry Pi 3 `TOOLS`
GOKRAZY.GITHUB.IO

Byline: For Reading From an 'io.Reader' Line-By-Line `CODE`
SERGEY MUDRIK

Hellogopher: A Makefile That Builds Your Go Project Anywhere `CODE`
Especially helpful for those new to Go without exposing them to dependency issues.
CLOUDFLARE

Running Regular Go net/http Servers via an AWS API Gateway Proxy `CODE`
TJ HOLOWAYCHUK

go-redisproto: A Lightweight Library for the Redis Protocol in Go `CODE`
WORDPRESS.COM

vFlow: An Enterprise Network Flow Collector (IPFIX + sFlow) `CODE`
For working with IP flow information from routers.
VERIZON

Unpuzzled: A Colorful CLI Library with Variable Provenance `CODE`
Lets you and users see where and how variables are being set.
TIM CHIN

Vellum: A Go Library Implementing A Finite State Transducer `CODE`
FSTs have many use cases, including NLP and bots.
COUCHBASE LABS

Violetear: A Small and Simple Go HTTP router `CODE`
NICOLAS EMBRIZ

Brenda: A Boolean Expression Solver for Go AST `CODE`
DAVE BROPHY

Doubling Template Performance with Code Generation `CODE`
BOUKE VAN DER BIJL

grpc-gateway: gRPC to JSON Proxy Generator `CODE`
GENGO, INC.

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