



The Athens Project





Modules Solved a Lot.

There's still Work To Do.

GitHub

GitLab

go get

BitBucket

internal.vcs

We Keep Risking Disaster

Let's not do this anymore.

How To Break A Go App

⚠ git push --delete origin v1.0.2



Delete repo



s/myrepo/MyRepo



GitHub Outage

Aaron Schlesinger

Dev Advocate, Azure
OSS

[@arschles](#)



The Module Download API

GET /github.com/my/module/@v/list

GET /github.com/my/module/@latest

GET /bitbucket.com/my/other/module/@v/v1.0.0.mod

GET /bitbucket.com/my/other/module/@v/v1.0.0.info

GET /repo.internal/my/third/module/@v/v1.0.0.zip

This Is Our API

GitHub

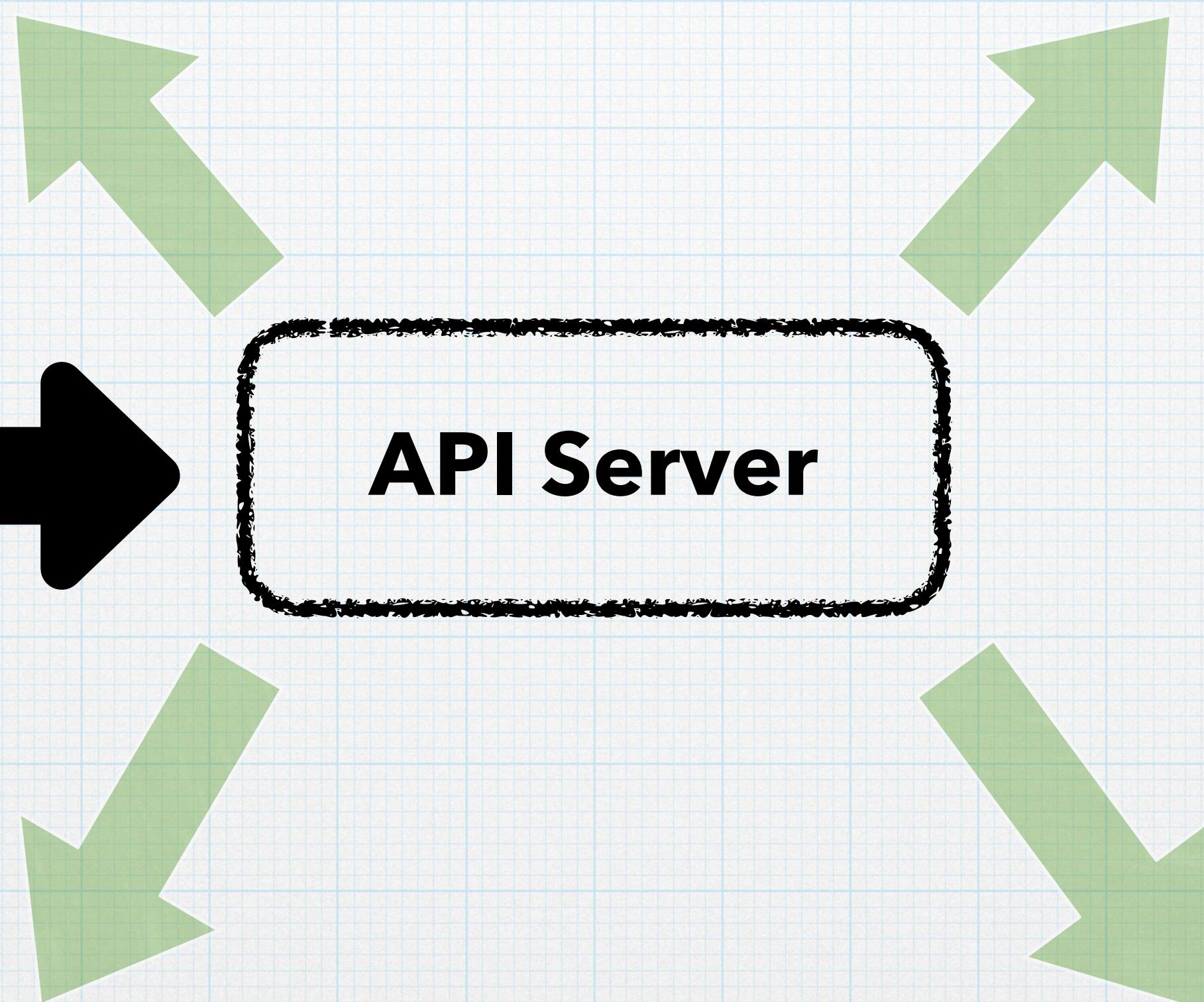
GitLab

go get

API Server

BitBucket

internal.vcs



Code in Development

Entropy

v.

Dependency Asset

Stable Builds

Module Maintainer



Registry

One programmer almost broke the internet by deleting 11 lines of code

Matt Weinberger Mar. 23, 2016, 8:06 PM



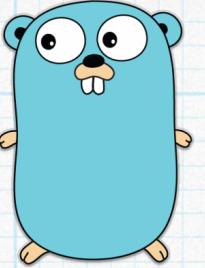
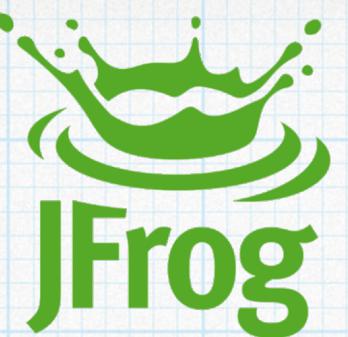
This week, one programmer broke a whole mess of the software the internet runs on by deleting one simple program consisting of 11 lines of code.

Everything is OK now. But it's a strange case that involves copyright lawyers, a petulant developer, and a behind-the-scenes look into how tech titans like Facebook, Spotify, and Netflix make the sausage.



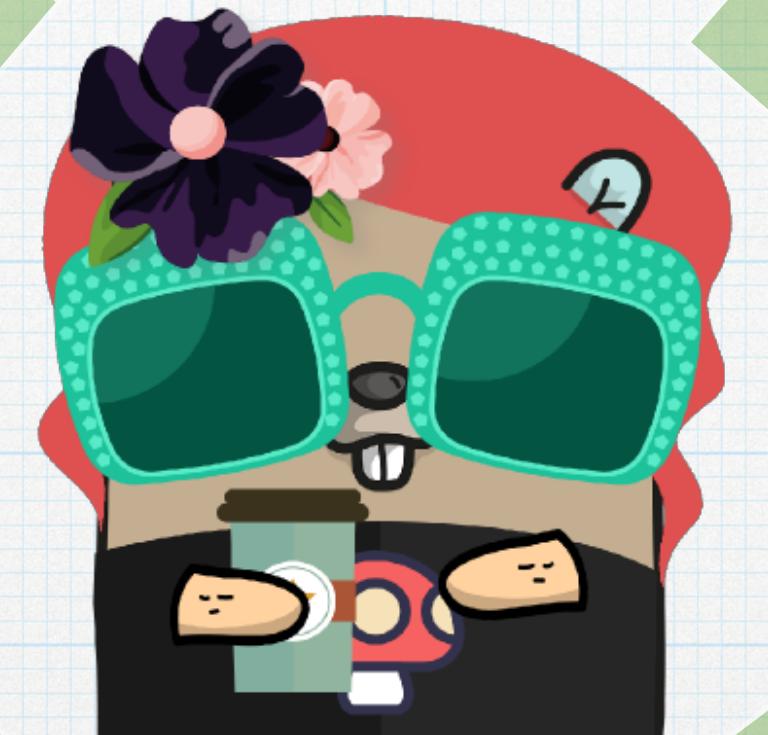
Martin Hangen/Getty Images

GitHub



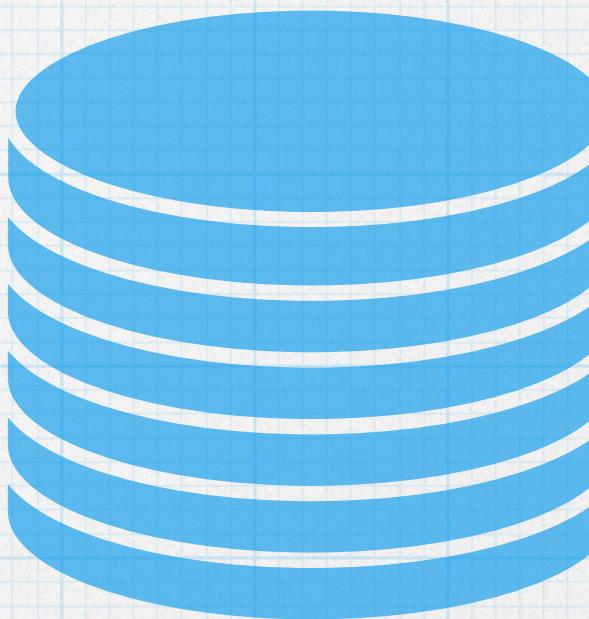
GitLab

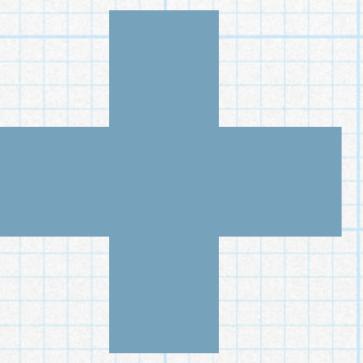
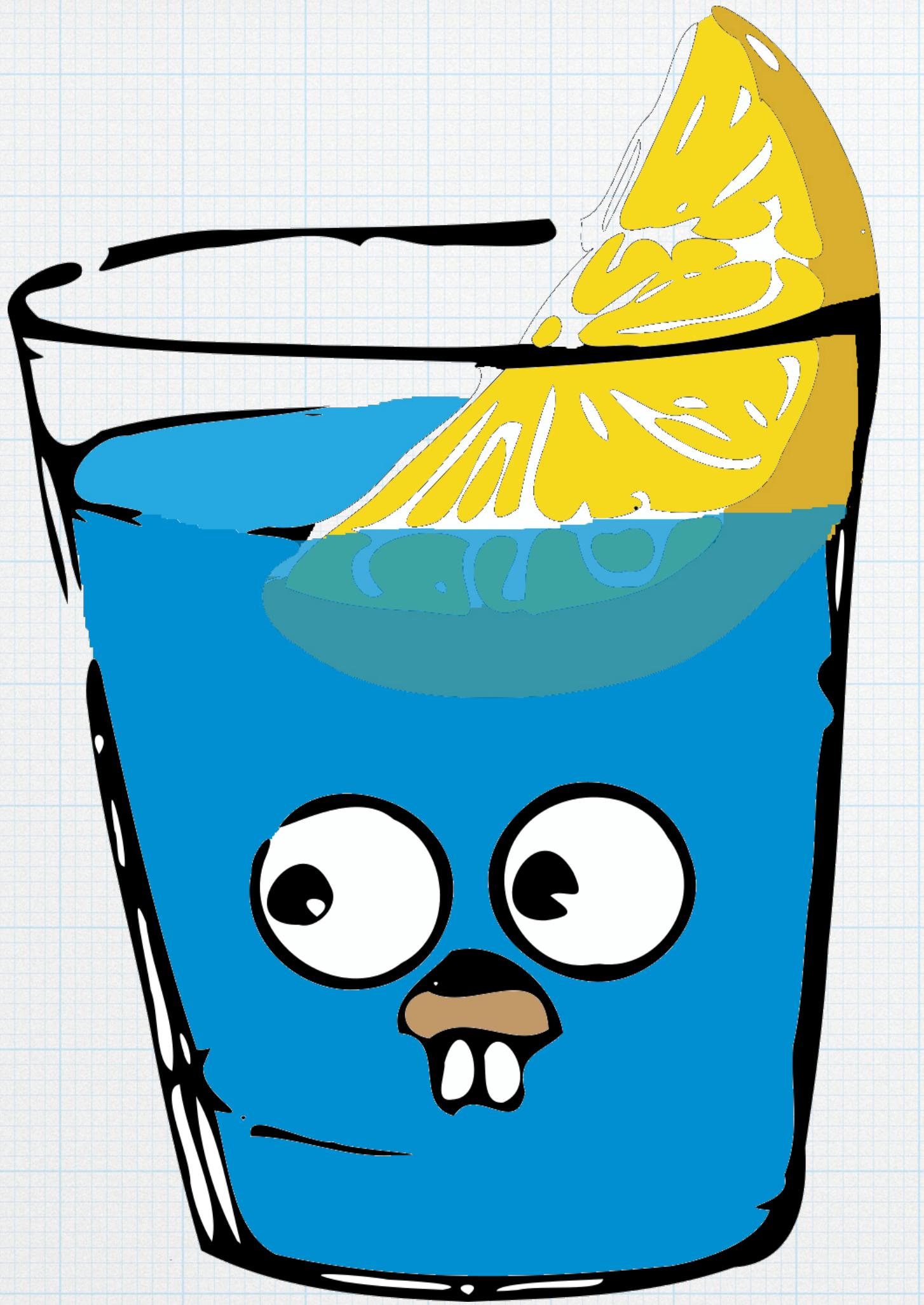
go get



internal.vcs

BitBucket





Athens 2 Ways

Why Run Your Own?

Privacy

Auditing

Isolation

Decentralized

Let's not lose this!

APIs are open to encourage collaboration

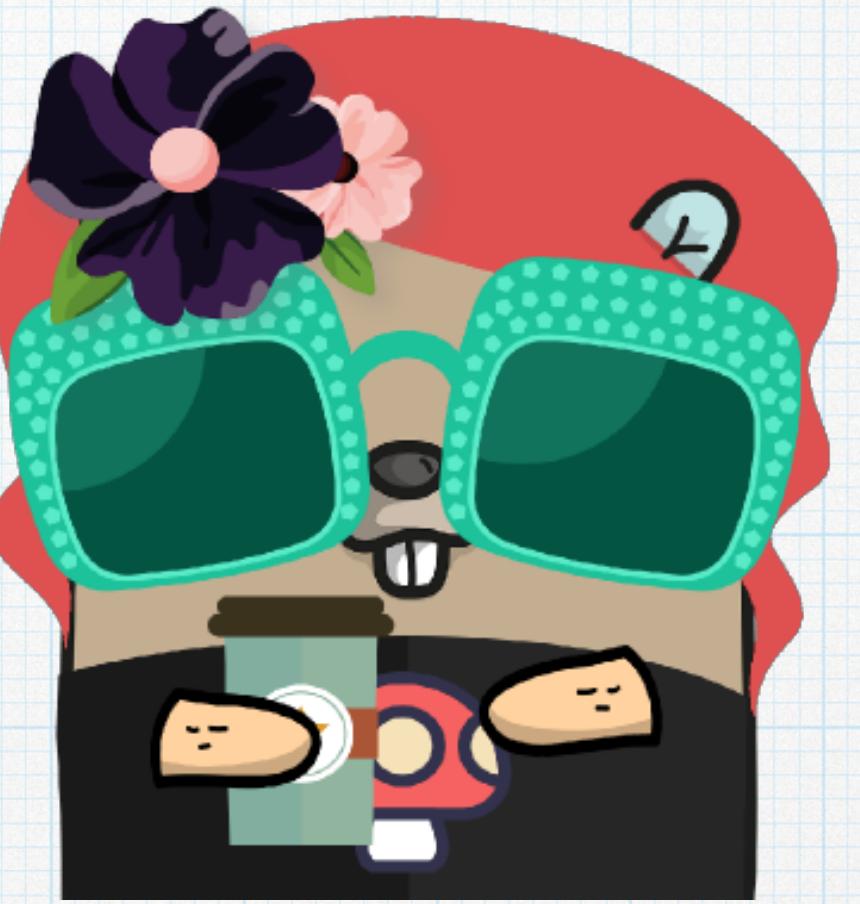
APIs stay open because of participation

Run Athens

&

Keep Modules Decentralized

Absolutely everybody is welcome



docs.gomods.io
#athens on Gophers Slack

@arschles