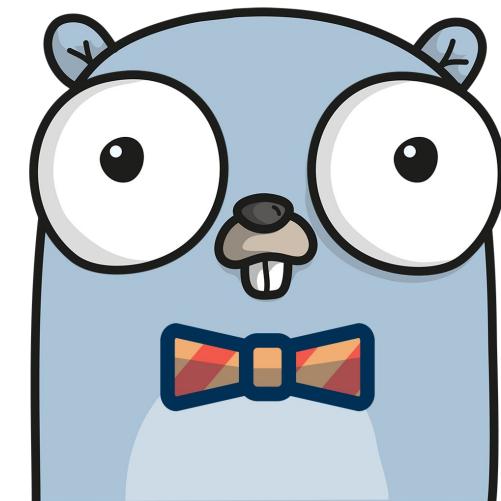


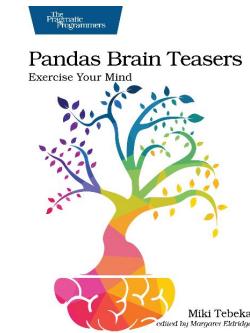
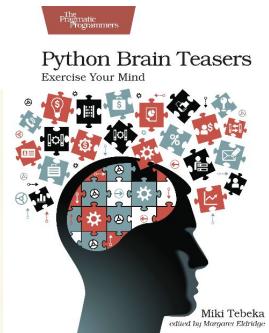
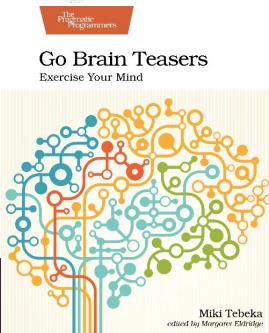
Practical For Developers



miki@tebeka

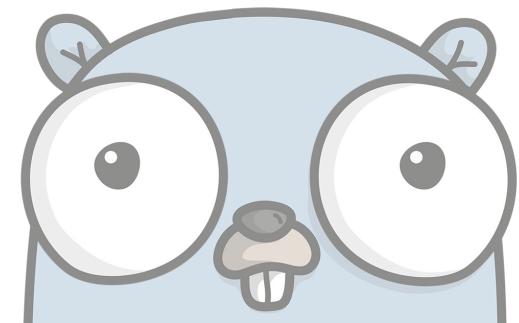


CEO,
CTO,
UFO



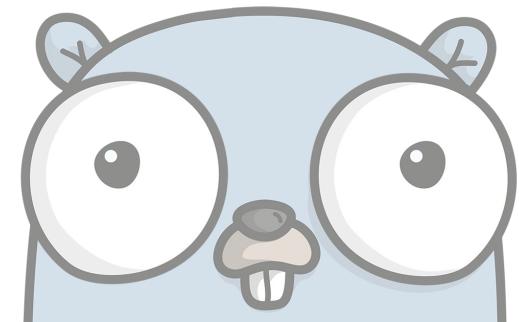
Background

- Developed and backed by Google
 - Robert Griesemer, Rob Pike and Ken Thompson
- Open sourced November 2009
- Version 1 March 2012



Notable Users

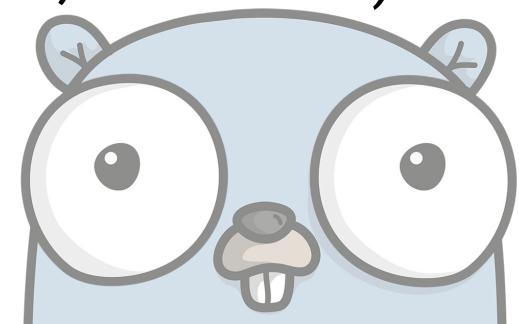
- Google
 - dl.google.com
- Docker & Kubernetes are written in Go
- AT&T
- Facebook
- Netflix
- And many more ... (see [here](#))



Why Go?

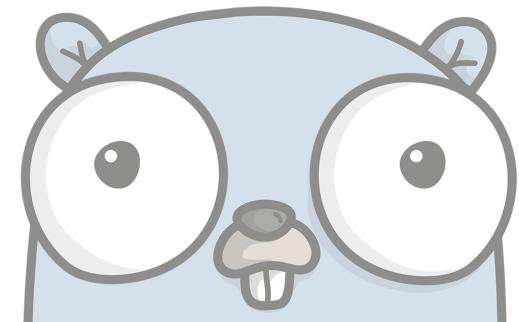
Built for Modern Times

- The free lunch is over
 - goroutines
 - channels
- The C10k problem
 - goroutines
 - Production ready HTTP server (TLS, HTTP 2 ...)



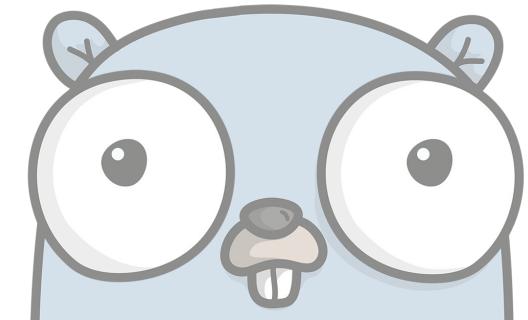
Built for Large Teams

- Small language
 - C based syntax
- Simple language
 - Easy to understand & maintain
- Module system
 - Reusability
- Interfaces
 - Modularity



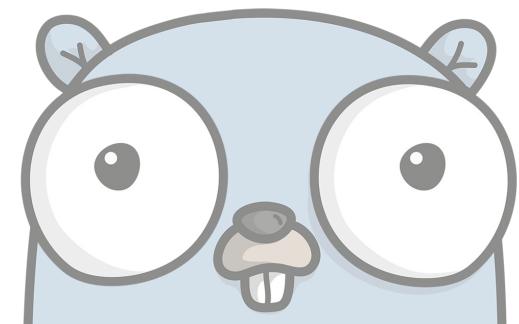
Robust & Productive

- Static types
 - Yet feels dynamic
- Garbage collector
 - Sub millisecond pauses
- Rich & mature standard library
- Fast compilation
- Forces you to check errors



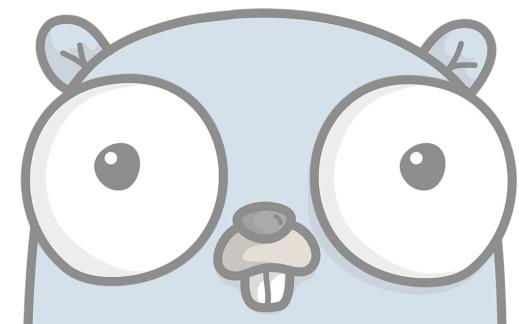
Great Tooling

- The go tool
 - build, run, test, benchmark, install ...
- Modules
 - Dependency management
- Build in profiler & tracer
 - With web interface
- Built in logging & metrics
- A lot of 3rd party modules



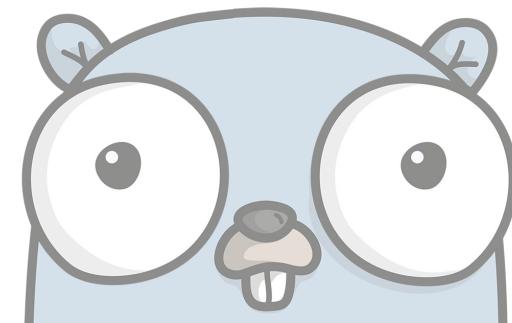
Will Save You Money

- lovable went down from 200 to 10 servers
 - 12% faster request times
- Stable API
- Compiles to static executable
 - Easy deployment
- Easy to cross compile



Great Community

- People *will* help you
- A lot of reference material
 - [A Tour of Go](#)
 - [The Go Programming Language](#)
- GopherCon [conferences](#)
- [Meetups](#)



The vodka is
good, but the
meat is rotten.

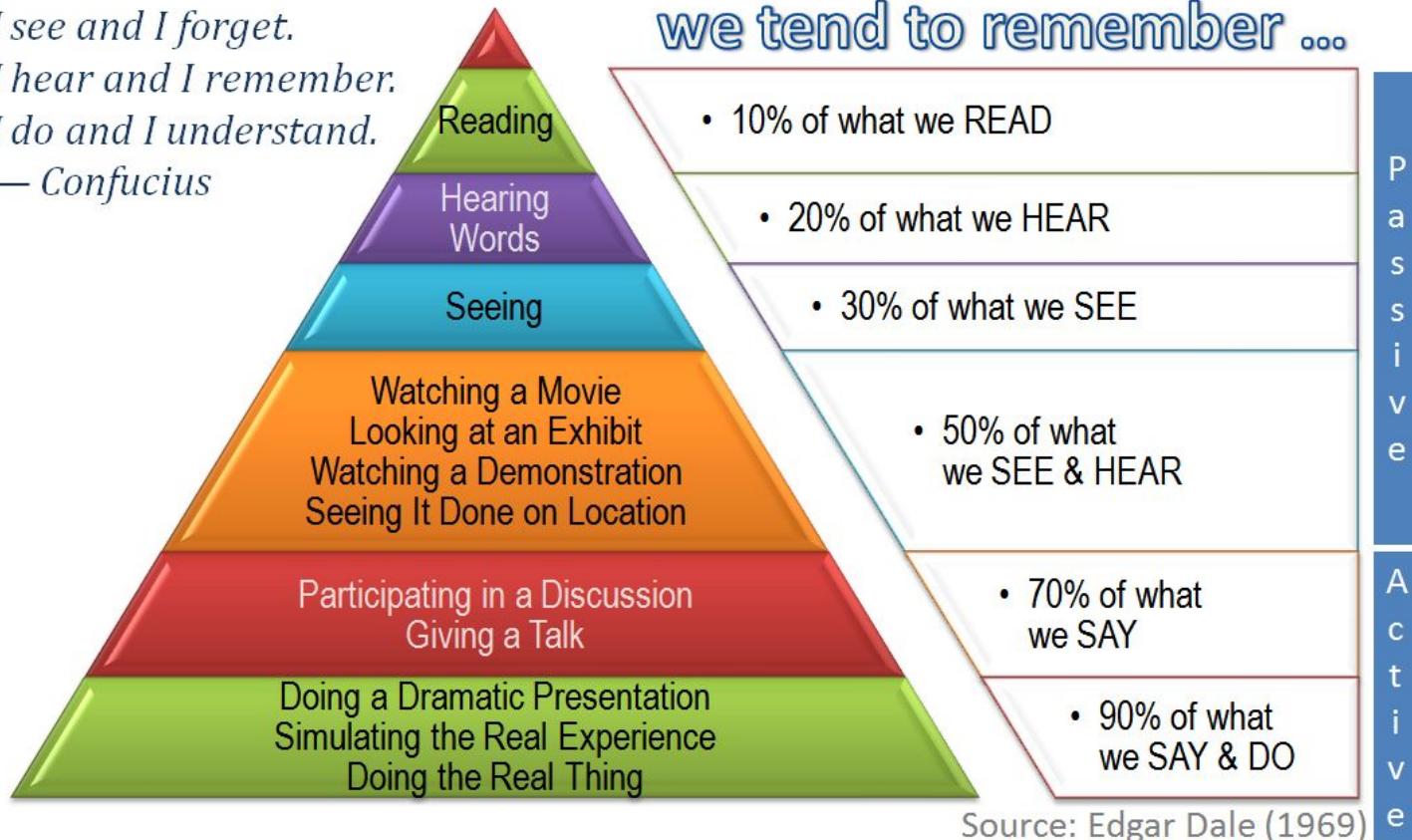
The Cone of Learning

I see and I forget.

I hear and I remember.

I do and I understand.

— Confucius



You learn something by
doing it yourself, by asking
questions, by thinking, and
by experimenting.

Richard Feynman





DO NOT
ENTER

COMMITTEE
TRANSMISSION

Let's Roll!

