



# GoLang

## A short introduction

by Michel Meyer 26/02/18

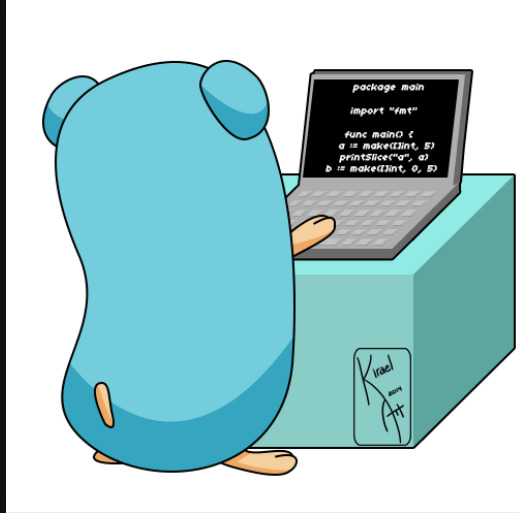
# Mission

**Go is an open source  
programming  
language that makes it**

**easy to build simple,  
reliable, and efficient  
software.**

[golang.org](https://golang.org)

**Another  
programming  
language?  
Really?!?!?**



**Yes because  
we are  
smarter and  
we don't have  
to deal with  
legacy.**

**Why Go?**

# Good reasons for Go I

---

- Go is backed by Google and released at 2012
- Famous applications are written in Go
  - Docker
  - Kubernetes
  - Parts of Dropbox
- Easy to learn - simple

# Good reasons for Go II

---

- Brings an ecosystem that is integrated in the language
  - Compiler
  - Packagemanager
  - Linter
  - Formatter
  - Static code analyzer

# Good reasons for Go III

---

- Go runs directly on underlying hardware
  - Small footprint and fast
- Go is made for multicore processors
  - Moores law is failing
- Go is mature (Around since 2012)



**Let's do  
something fun**

# Hack-Session

---

- Download and Install: <https://golang.org/>
- Use your IDE of choice - I recommend GOLANG Jetbrains
- For the lazy once:
  - <https://play.golang.org/> (Official)
  - <https://repl.it/languages/go>
- repo-with-basics:

# Recommendation

---

- Rob Pike Concurrency patterns:  
<https://talks.golang.org/2012/concurrency.slide#1>
- Online Tutorial:  
<https://tour.golang.org/welcome/1>

**Thank you :)**