Hello Go
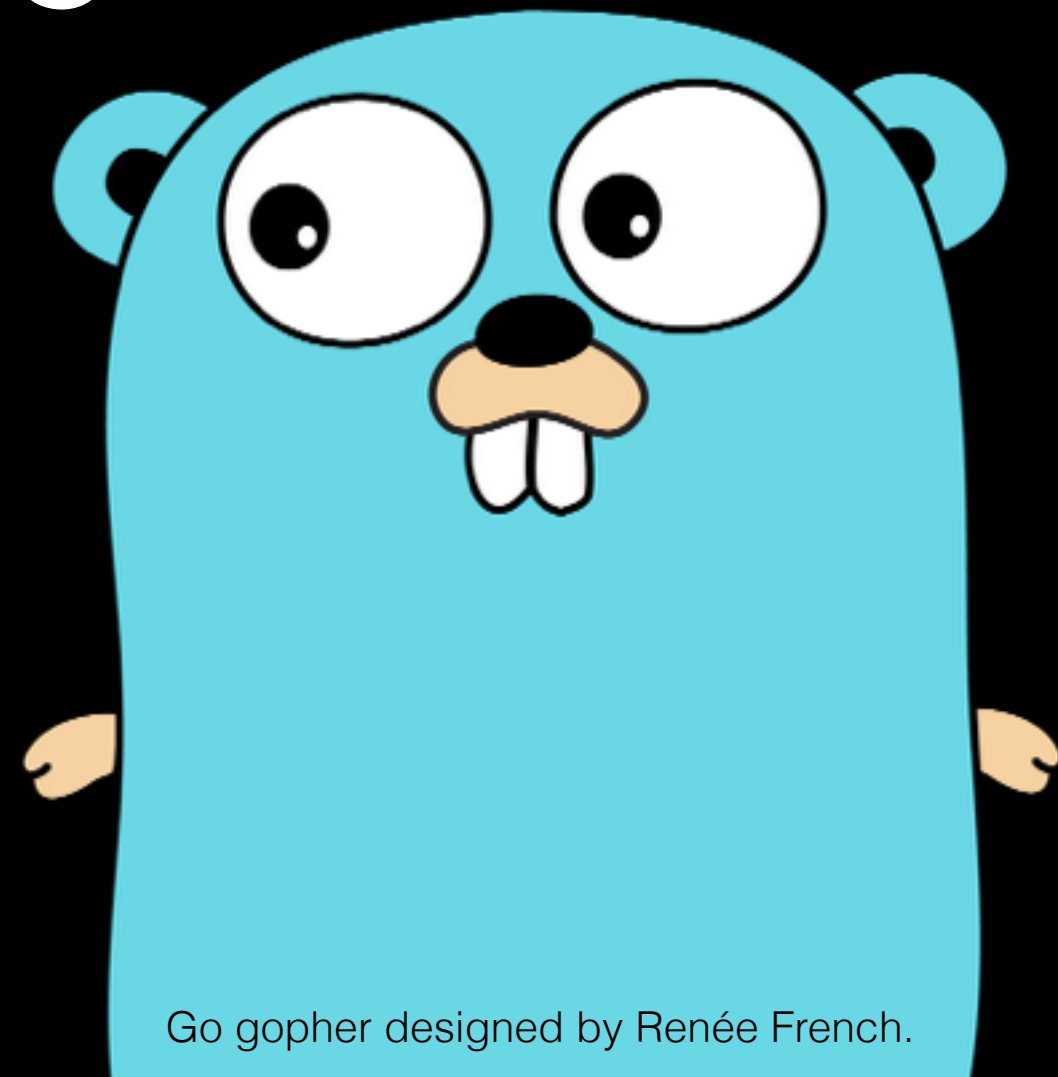
@EdmontonGo

speakerdeck.com/nathany/hellogo

Install Go

- Installers at golang.org/dl

- Set environment variables
```
export GOPATH=$HOME/code
export PATH=$PATH:$HOME/go/bin:$GOPATH/bin
```

- $ go run hello.go
```
package main

import "fmt"

func main() {
  fmt.Println("Hello World")
}
```

Editor

- Syntax highlighting

- Run gofmt on save (or goimports)

- Code completion (gocode)

- Golint, go vet, oracle

- Atom
  atom.io/packages/go-plus

- Emacs
  github.com/dominikh/go-mode.el
  dominik.honnef.co/posts/2013/03/writing_go_in_emacs

- Sublime Text
  github.com/DisposaBoy/GoSublime

- Vim
  github.com/fatih/vim-go
  obahua.com/setup-vim-for-go-development
  vim.spf13.com

Hello Web

```go
package main

import (
  "fmt"
  "net/http"
)

func handler(w http.ResponseWriter, r *http.Request) {
  fmt.Fprintf(w, "Hello %s!", r.URL.Path[1:])
}

func main() {
  http.HandleFunc("/", handler)
  http.ListenAndServe(":8080", nil)
}
```

127.0.0.1:8080/World

Continue

- Code Retreat
  Sunday, August 10 @ 8:45 AM to 4:00 PM
  coderetreat-yeg-20140810.eventbrite.ca

- Edmonton Go (Hack Night)
  Monday, August 25 @ 6:30 PM

- How to Write Go Code
  golang.org/doc/code.html

- Effective Go
  golang.org/doc/effective_go.html

- A Tour of Go
  tour.golang.org