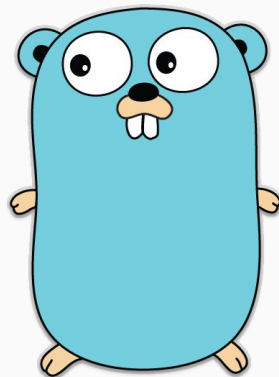


Golang with Buffalo #1

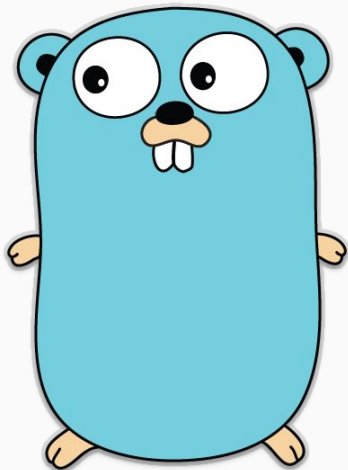
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Growth Session #11 - January 18-19 2018

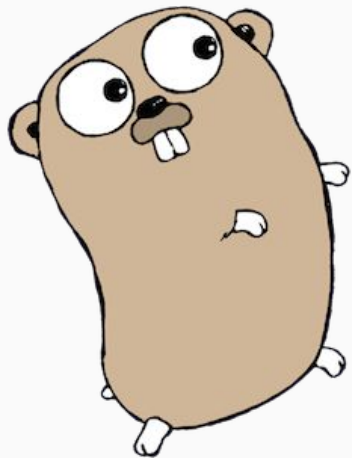
- A demo web application with Go, with supports from Buffalo framework.
- The application: mimic the Twitter functions
 - Sign-in/Sign-up.
 - Publishing a status (tweeting)
 - Like another user's status.



Go?



- Simple
- Clean
- Concise
- Fast
- Statically typed, compiled language that feels like a dynamically typed, interpreted language.



```
package main
```

```
import "fmt"
```

```
func main() {  
    var helloWorld =  
    fmt.Println("Hello, World")  
}
```

Code Snippet

```
package main
```

```
import "fmt"
```

```
func main() {
```

```
    var i, j int = 1, 2
```

```
    k := 3
```

```
    c, python, java := true, false, "no!"
```

```
    fmt.Println(i, j, k, c, python, java) // 1 2 3 true false no!
```

```
}
```



Code Snippet

```
import "math"
```

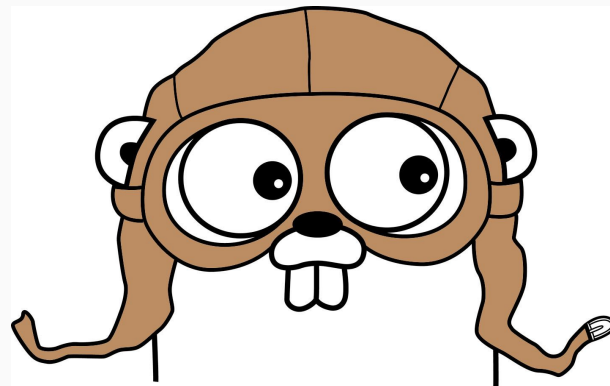
```
type Shape interface {  
    Area() float64  
}
```

```
type Square struct {  
    side float64  
}
```

```
func (sq Square) Area() float64 { return sq.side * sq.side }
```

```
type Circle struct {  
    radius float64  
}
```

```
func (c Circle) Area() float64 { return math.Pi * math.Pow(c.radius, 2) }
```



What is 'Buffalo'?

Buffalo is a Go web framework influenced by the Ruby on Rails framework. It makes building web apps with Go easy and fun.

Supporting development progress faster with:

- Generators:
 - `$ buffalo new project` // Create new project
 - `$ buffalo dev` // Start dev server
 - `$ buffalo generate resource model` // Generate models
 - `$ buffalo db generate model` // Generate db model schema
 - `$ buffalo db migrate`
 -
- Built-in db migrations:
 - Postgres (default
 - MySQL
 - SQLite3...



Achievements and Progress



- Fully setup all the components and initiated basic function of the application.
- Still need:
 - Implement the Like function
 - Deploying
 - Improve front-end

Had pretty much fun
while learning and
approaching this
framework

Thanks!

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