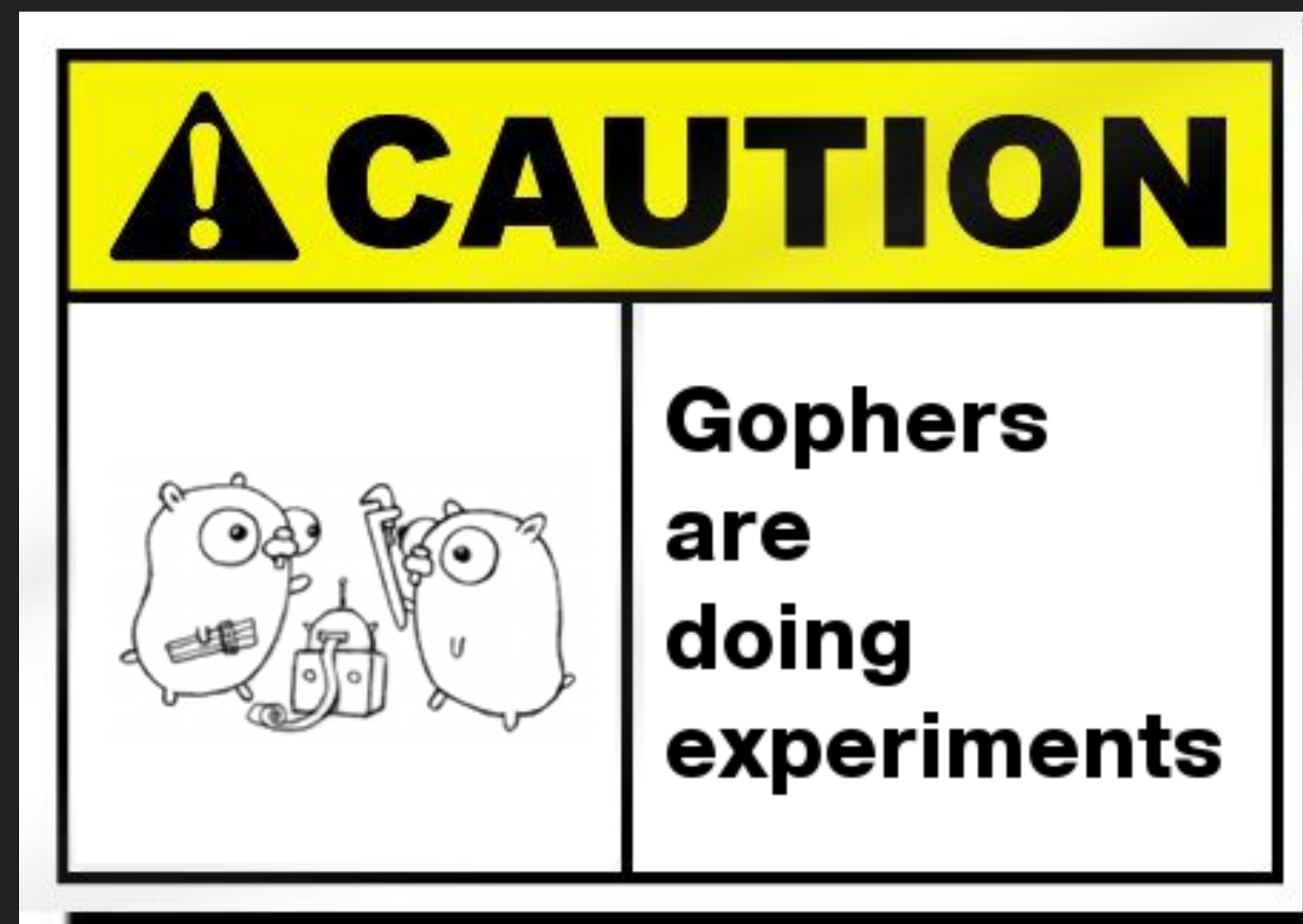


# BERLIN GOPHERS

NATALIE PISTUNOVICH



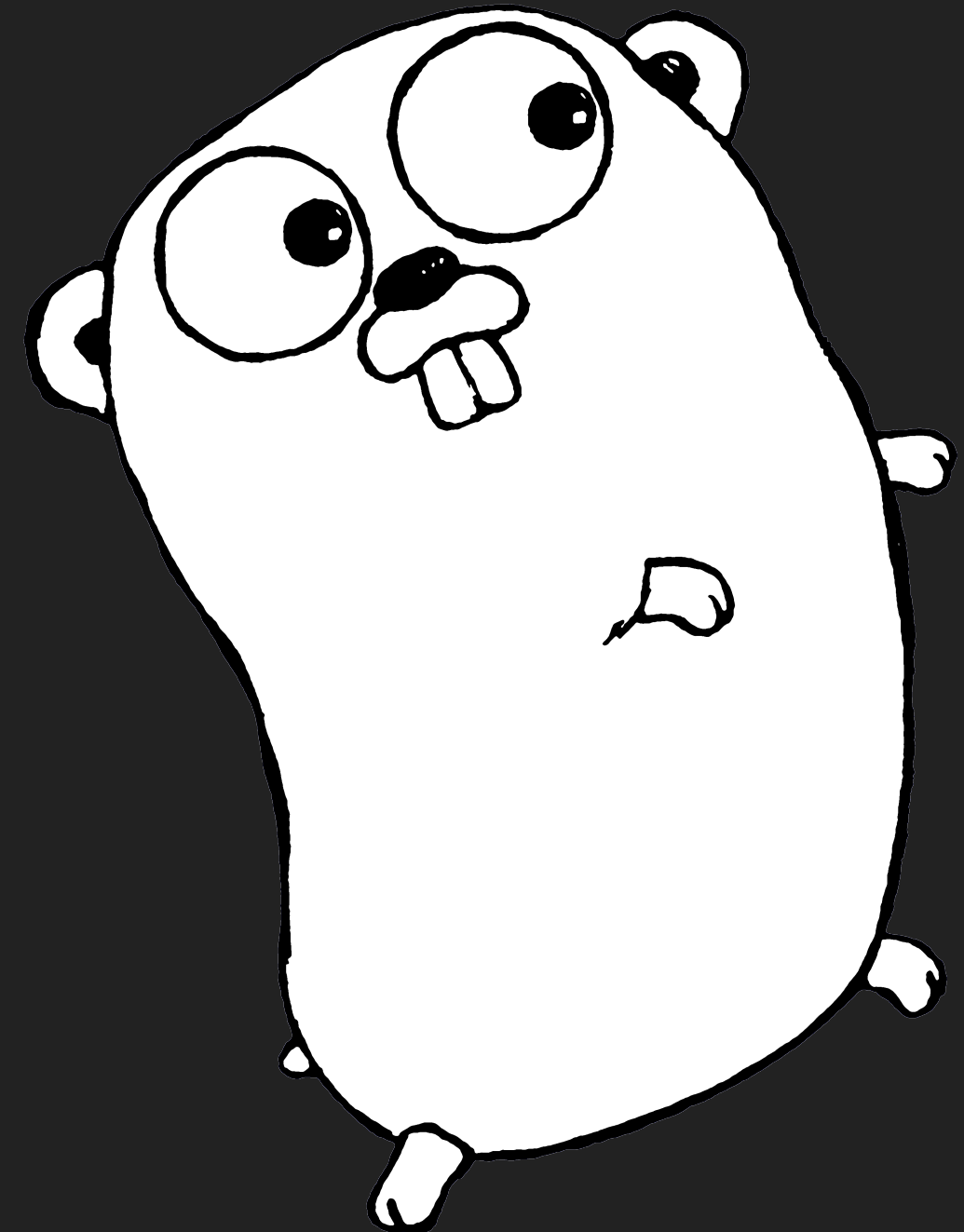
- ▶ created by Google & published in 2009
- ▶ in the tradition of Algol and C
- ▶ compiled
- ▶ statically typed
- ▶ v1.7 released this August



- ▶ includes:
  - ▶ garbage collection
  - ▶ memory safety features
  - ▶ CSP-style concurrent programming features



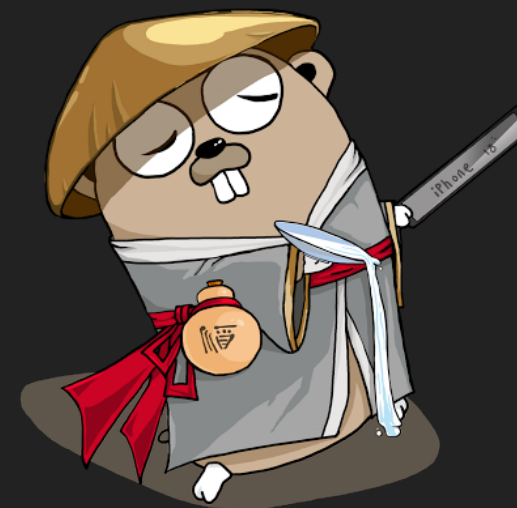
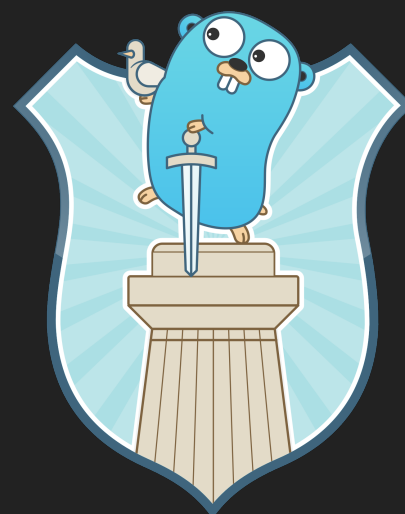
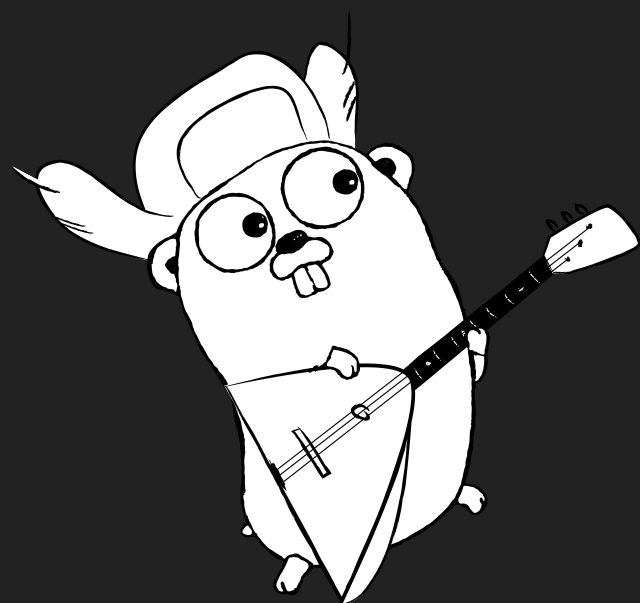
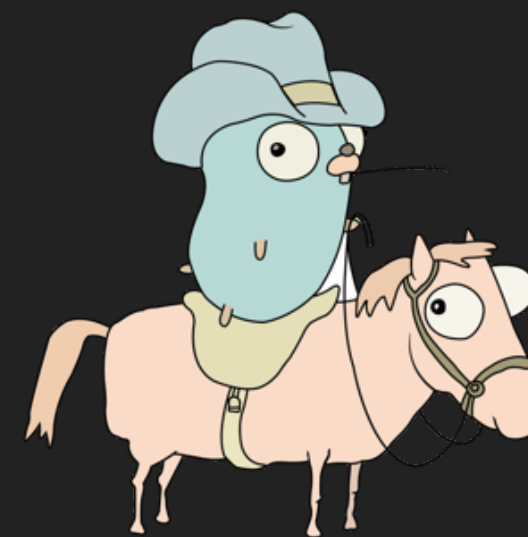
- ▶ designed for concurrency
- ▶ **concurrency** is the composition of independently executing processes
- ▶ **parallelism** is the simultaneous execution of possibly related computations
- ▶ concurrency is about dealing with lots of things at once; parallelism is about doing lots of things at once
- ▶ concurrency is not parallelism





# GO GOPHER

- ▶ the official mascot
- ▶ created by Renee French
- ▶ IRL comes in forms of plush and vinyl
- ▶ all **GDG Berlin Golang** speakers have one



#GOSF

GOPHER CHINA





## A Tour of Go

### Hello, 世界

Welcome to a tour of the [Go programming language](#).

The tour is divided into a list of modules that you can access by clicking on [A Tour of Go](#) on the top left of the page.

You can also view the table of contents at any time by clicking on the [menu](#) on the top right of the page.

Throughout the tour you will find a series of slides and exercises for you to complete.

You can navigate through them using

["previous"](#) or `PageUp` to go to the previous page,

["next"](#) or `PageDown` to go to the next page.

The tour is interactive. Click the [Run](#) button now (or type `shift-enter`) to compile and run the program on a remote server. The result is displayed below the code.

These example programs demonstrate different aspects of Go. The programs in the tour are meant to be starting points for your own experimentation.

Edit the program and run it again.

Note that when you click on [Format](#) or `ctrl-enter` the text in the editor is formatted using the [gofmt](#) tool. You can switch


< 1/5 >

hello.go

Syntax on

```
1 $package main
2
3 import "fmt"
4
5 func main() {
6     fmt.Println("Hello, 世界")
7 }
8
```

ResetFormatRun





@GDGBERLINGOLANG  
#GOPHERS #GOLANG



GOLANG-USERS-BERLIN



# GDG BERLIN GOLANG

---

meeting on a monthly basis  
at the berlin offices  
talking about projects  
sometimes guest talks  
HR lost & found  
there's always pizzas and beer  
streamed and recorded





# GDG BERLIN GOLANG







OCTOBER MEETUP IS TODAY!