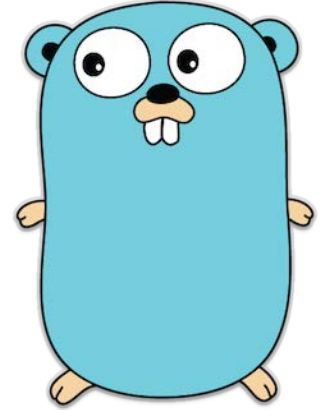# Go (golang.org)

- **Developers:** Robert Griesemer, Rob Pike, and Ken Thompson at Google in 2009 (first compiler available in 2012).

- **Goals:** to improve programming productivity in an era of multicore, networked machines and large codebases.

- **Features:** compiled, fast, statically typed, expressive, concise, and clean.

- **More Features:** Syntactically similar to C but with memory safety, garbage collection and structural typing.

- **And More Features:** Supports concurrency mechanisms to exploit multicore and networked computers.

Hello, world!

```
package main

import "fmt"

func main() {
    fmt.Println("Hello, world!");
}
```