

2 - A Simple Start

Boring OI' Hello World

src/hello-world/main.go

```
1 package main
2
3 import "fmt"
4
5 func main() {
6     fmt.Println("Hi there!")
7 }
```

Five Important Questions

Questions!

How do we run the code in our project?

What does '*package main*' mean?

What does '*import "fmt"*' mean?

What's that '*func*' thing?

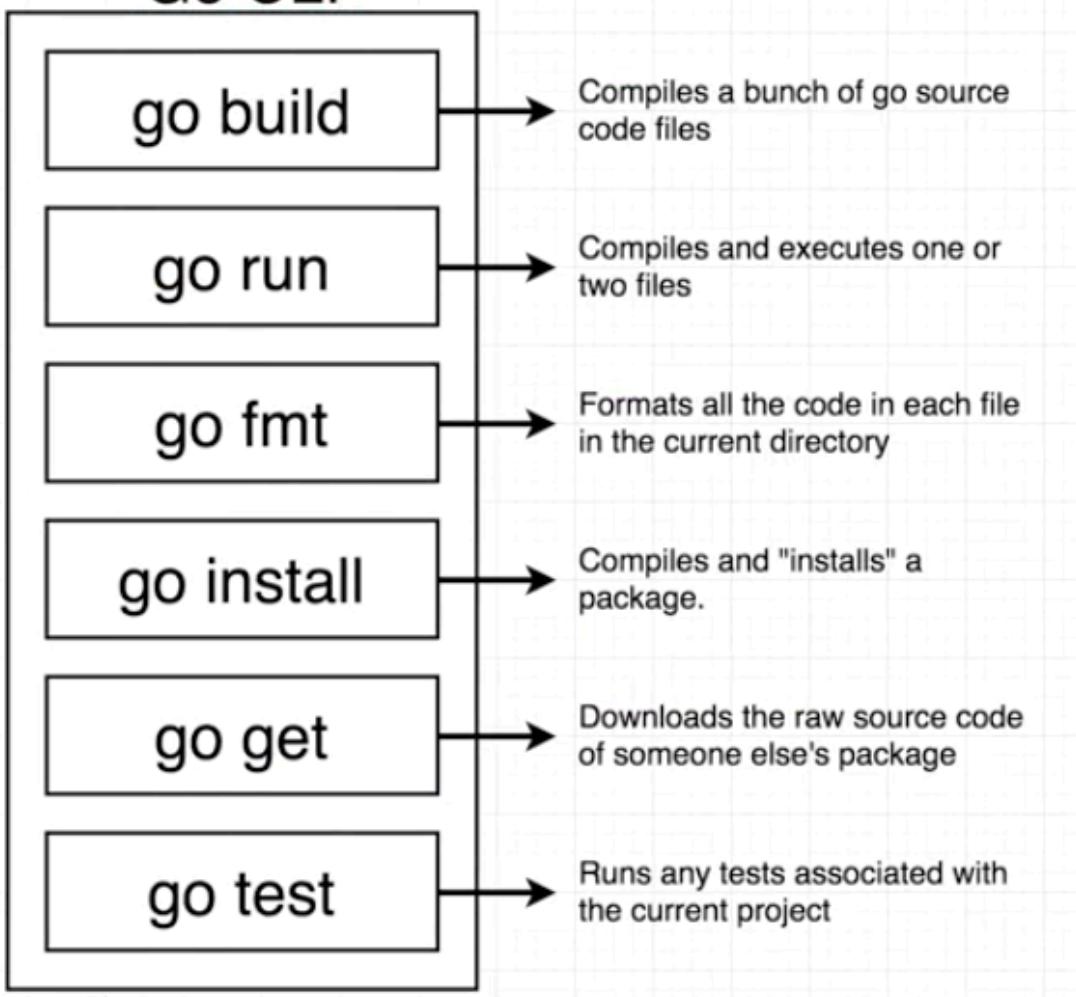
How is the *main.go* file organized?

How do we run the code in our project?

```
1 go run main.go
```

How do we run the code in our project?

Go CLI



Go Packages

What does
'package main'
mean?

Package == Project == Workspace

What does
'package main'
mean?

Package Main

main.go

```
package main
import"fmt"
funcmain() {
    fmt.Println("Hi
there!")
}
```

support.go

```
package main
func support() {
    fmt.Println("I help!")
}
```

helper.go

```
package main
func help() {
    fmt.Println("I help too")
}
```

Types of Packages

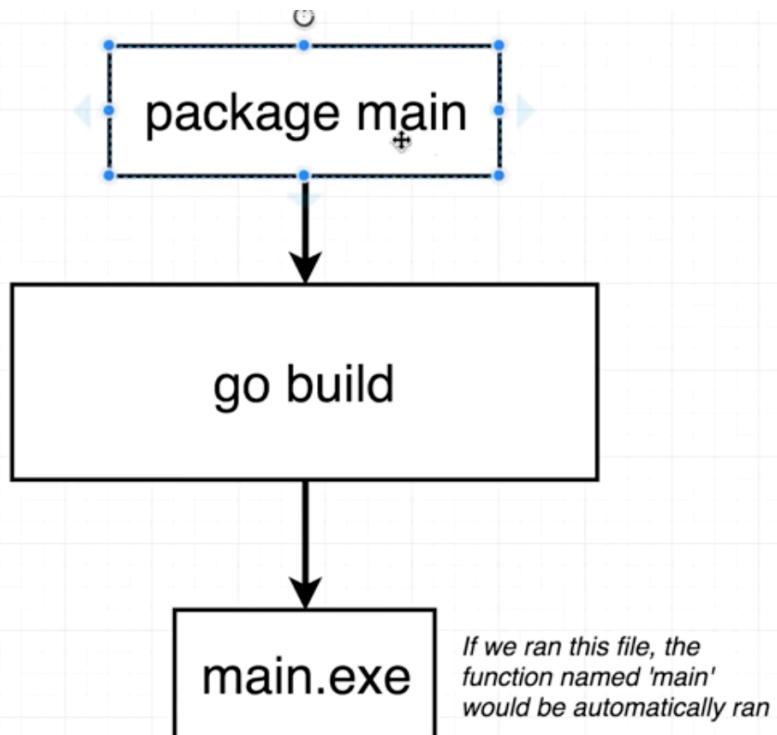
Executable

Generates a file
that we can run

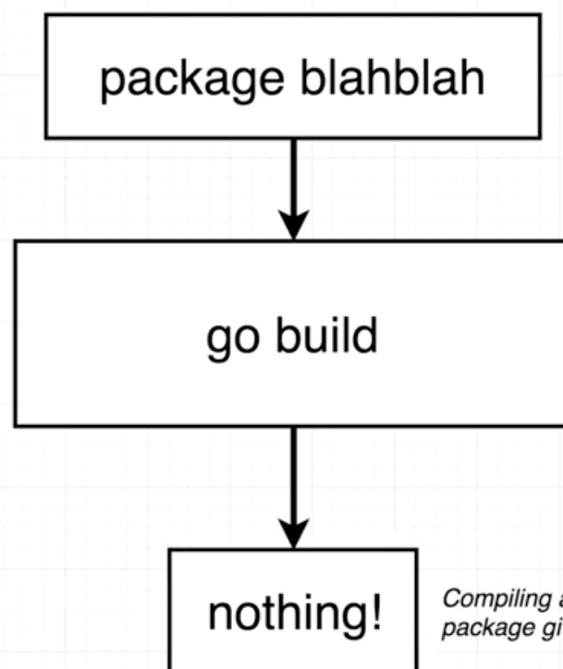
Reusable

Code used as 'helpers'.
Good place to put reusable
logic

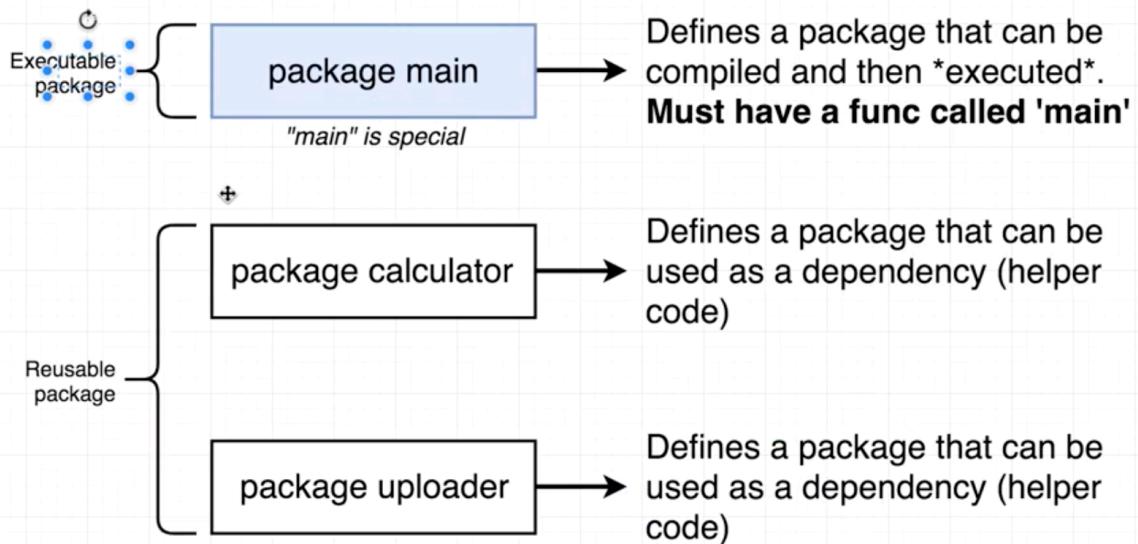
What does
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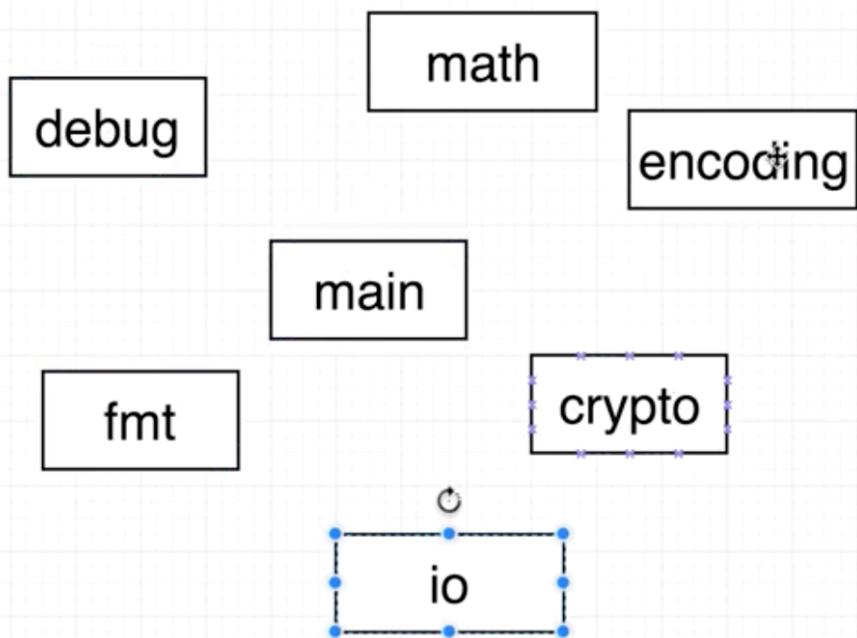


What does 'package main' mean?

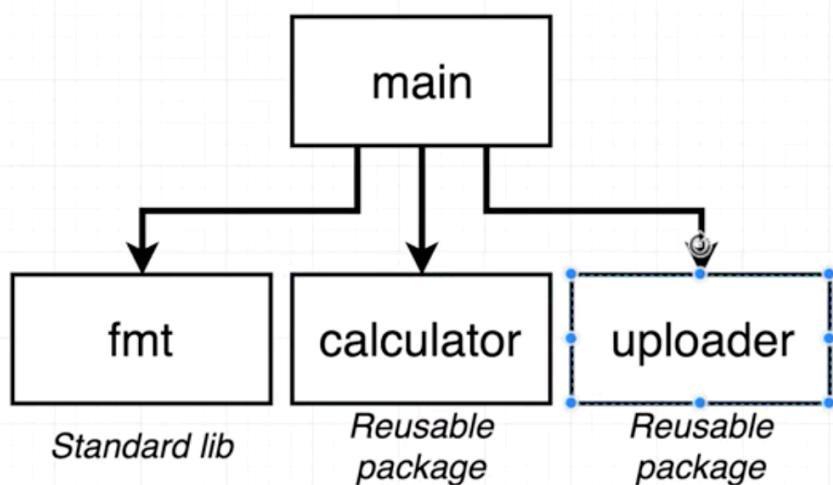


Import Statements

What does 'import "fmt"' mean?



What does 'import "fmt"' mean?

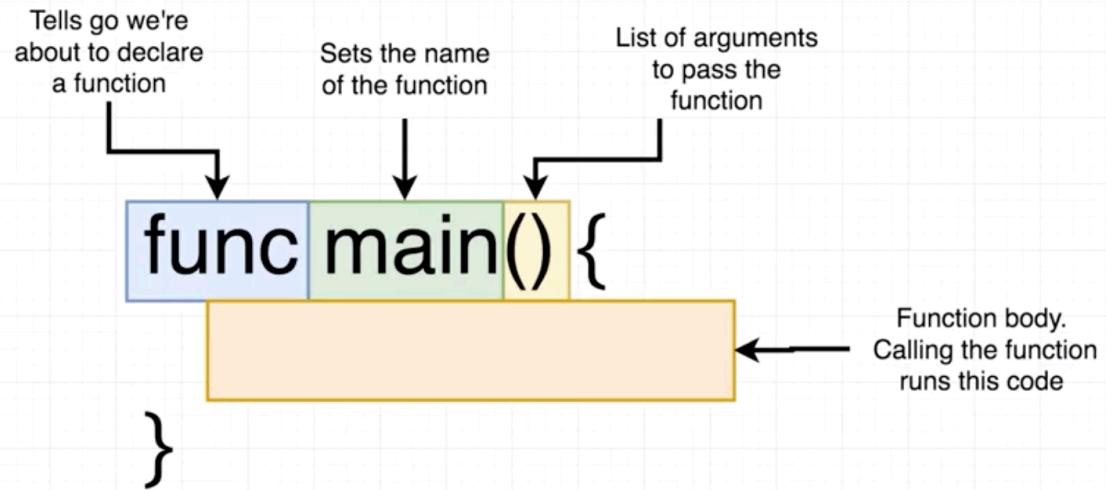


<https://golang.org/pkg/>

File Organization

Language	To Log Something
Javascript	console.log()
Java	System.out.println()
Ruby	puts
Go	fmt.Println()

What's that 'func' thing?



How is the main.go file organized?

How is the main.go file organized?

package main	Package declaration
import "fmt"	Import other packages that we need
func main() { fmt.Println("hi there") }	Declare functions, tell Go to do things

