

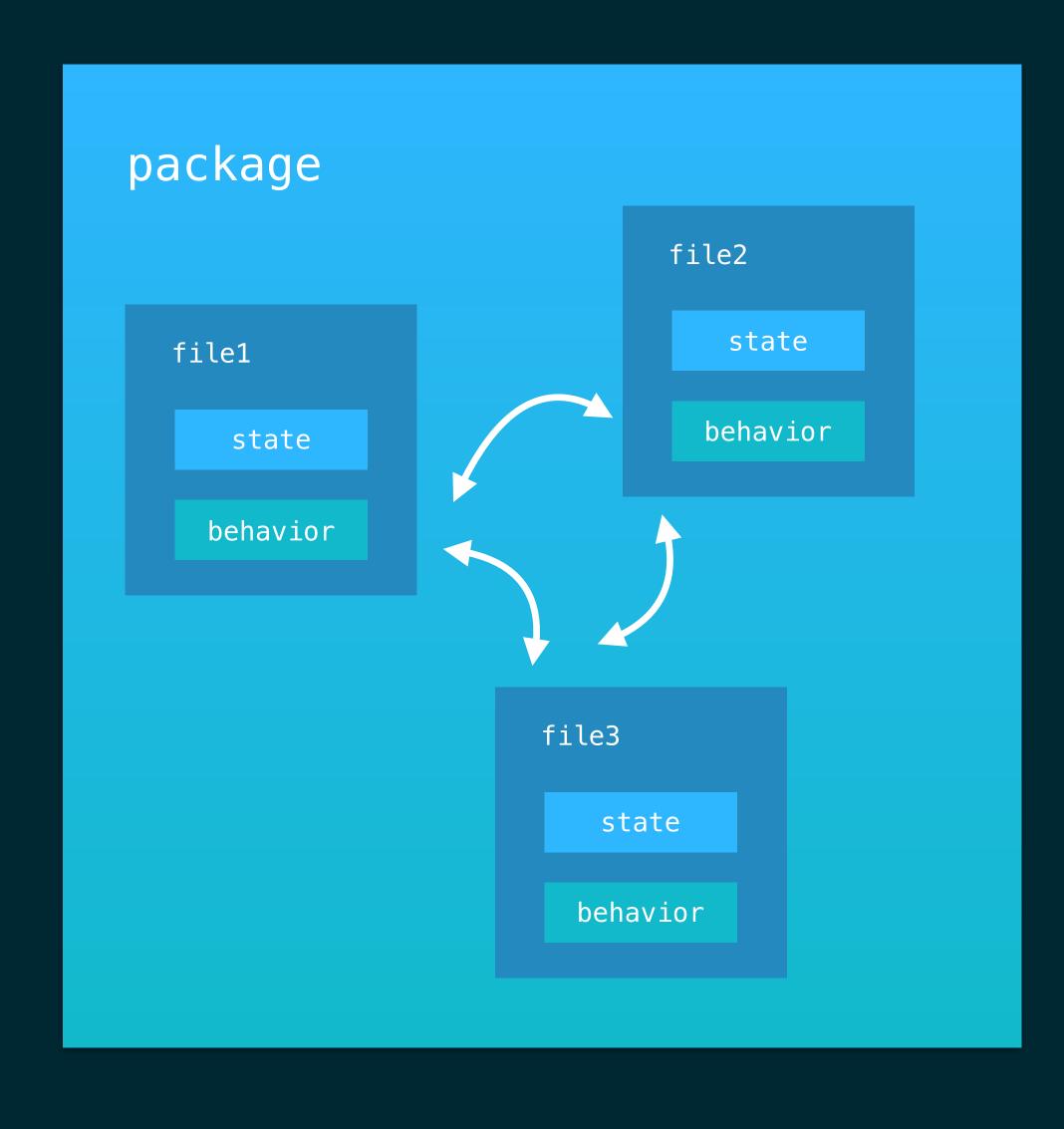
Go program anatomy

PROGRAM LAYOUT

main.go

```
main
                                   REQUIRED
import (
  const ...
var ...
func init() {
  // initialize
func main() {
  // execute
```

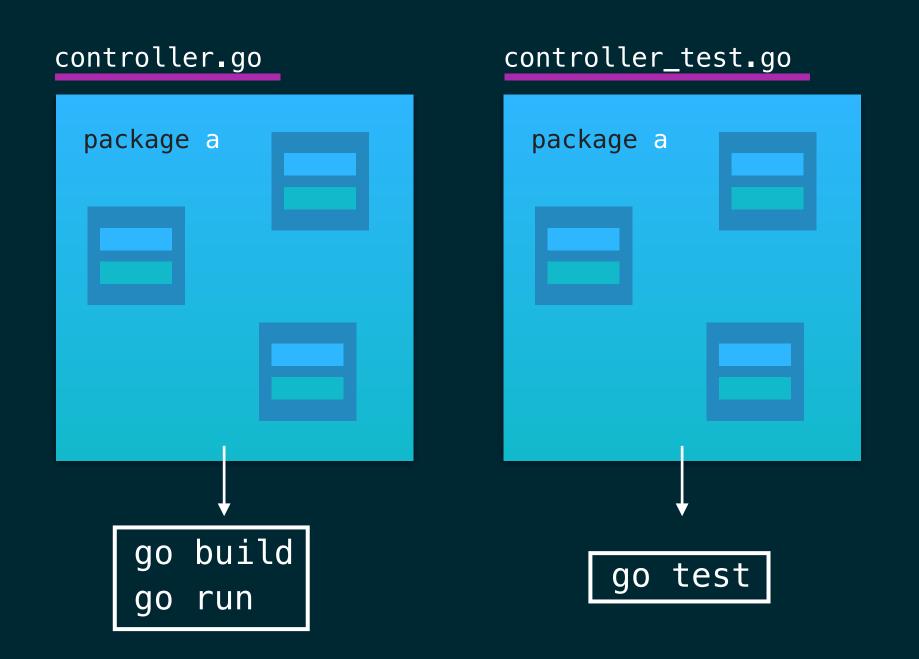
PACKAGE ANATOMY



state

behavior

FILE TYPES

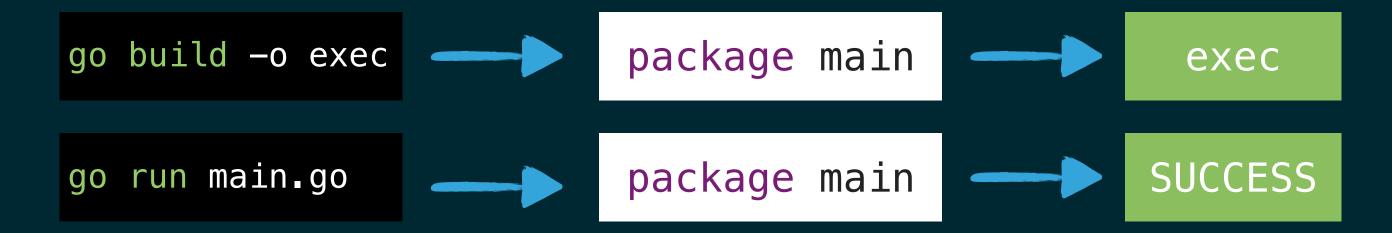


GO PROGRAM

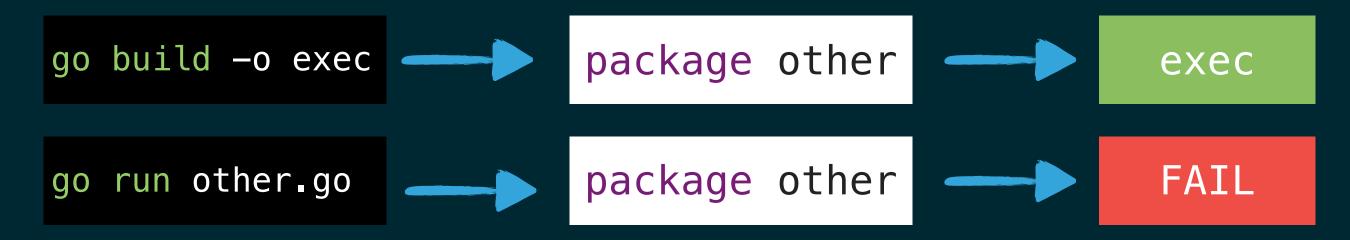


PACKAGE TYPES

executable (main)

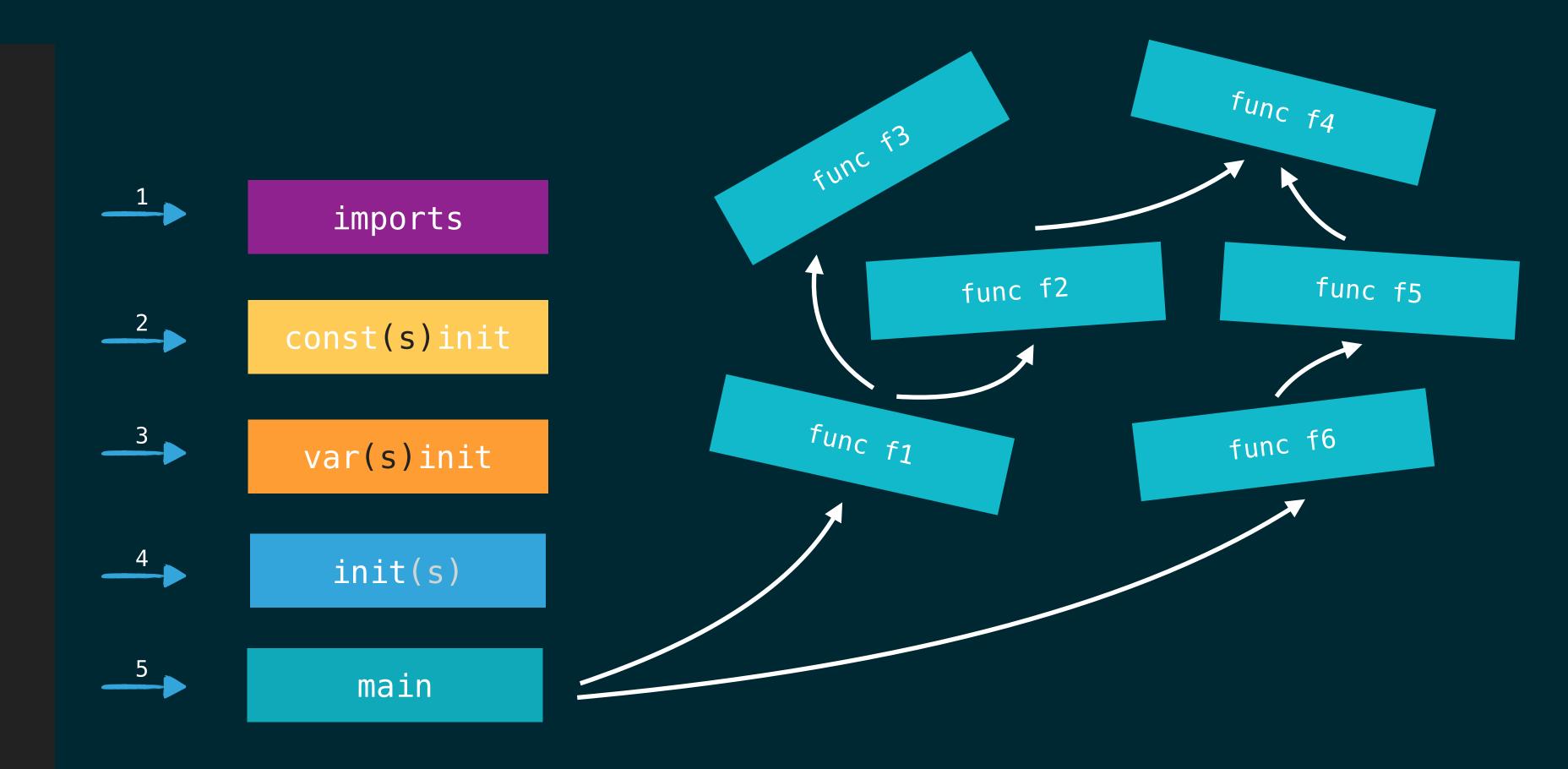


un executable (non main)

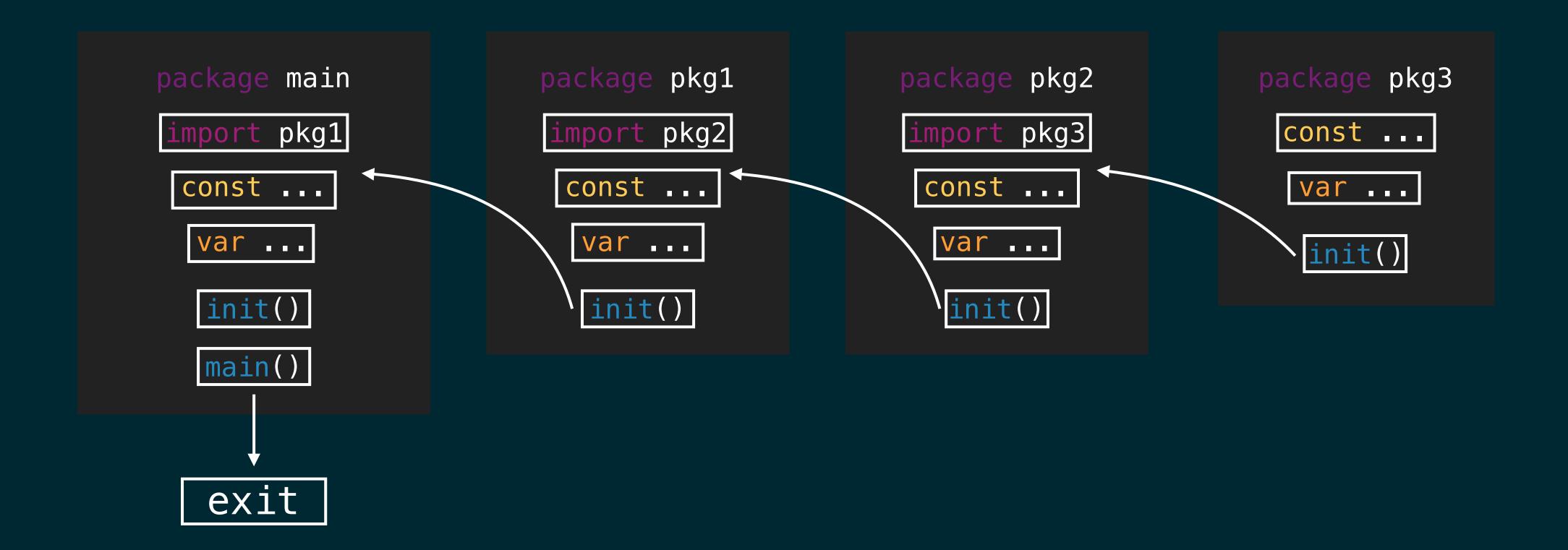


PROGRAM LIFECYCLE

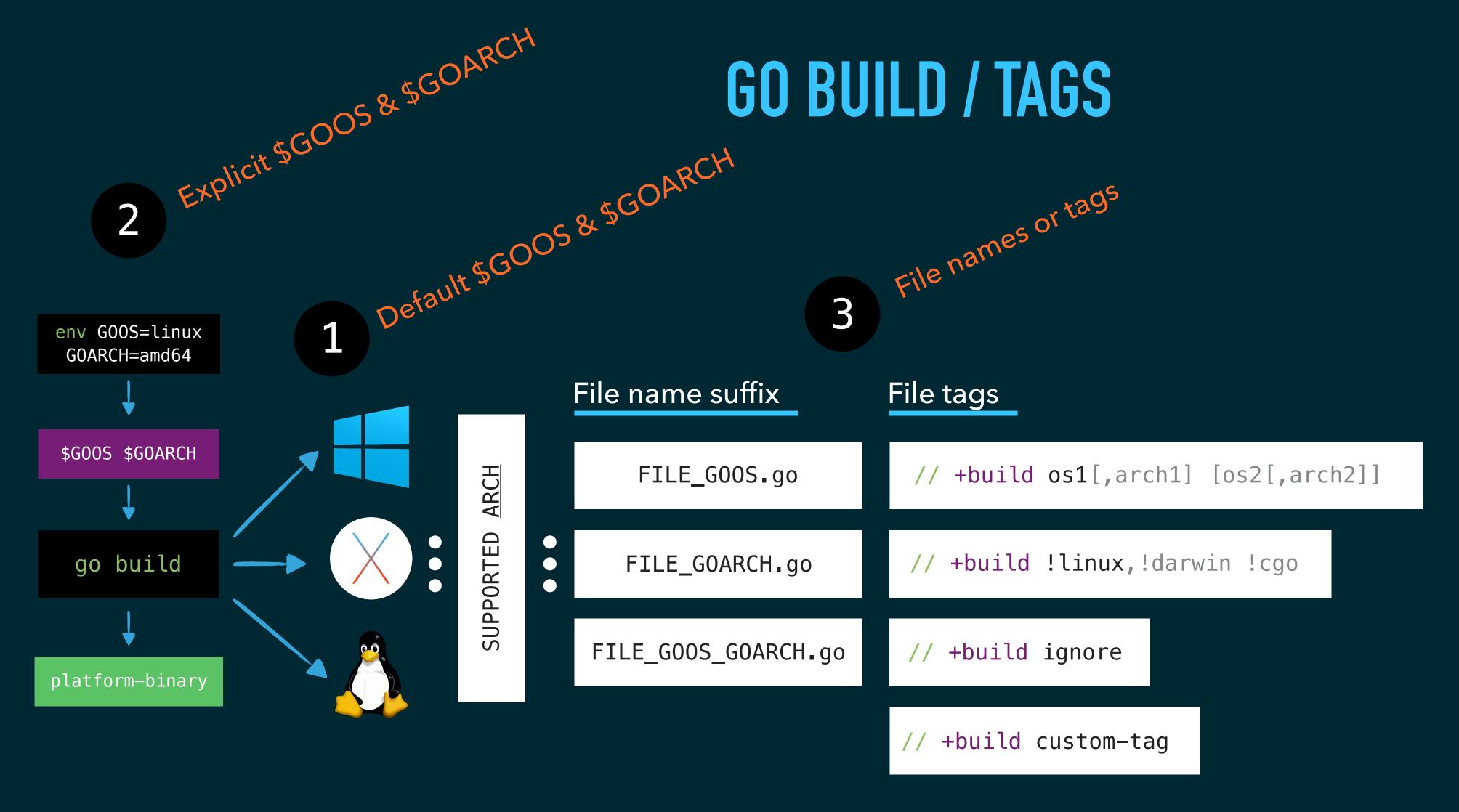
```
package main
import (
  const ...
var ...
     init() {
  // initialize
func main() {
  // execute
```



FLOW EXAMPLE



GO BUILD / TAGS





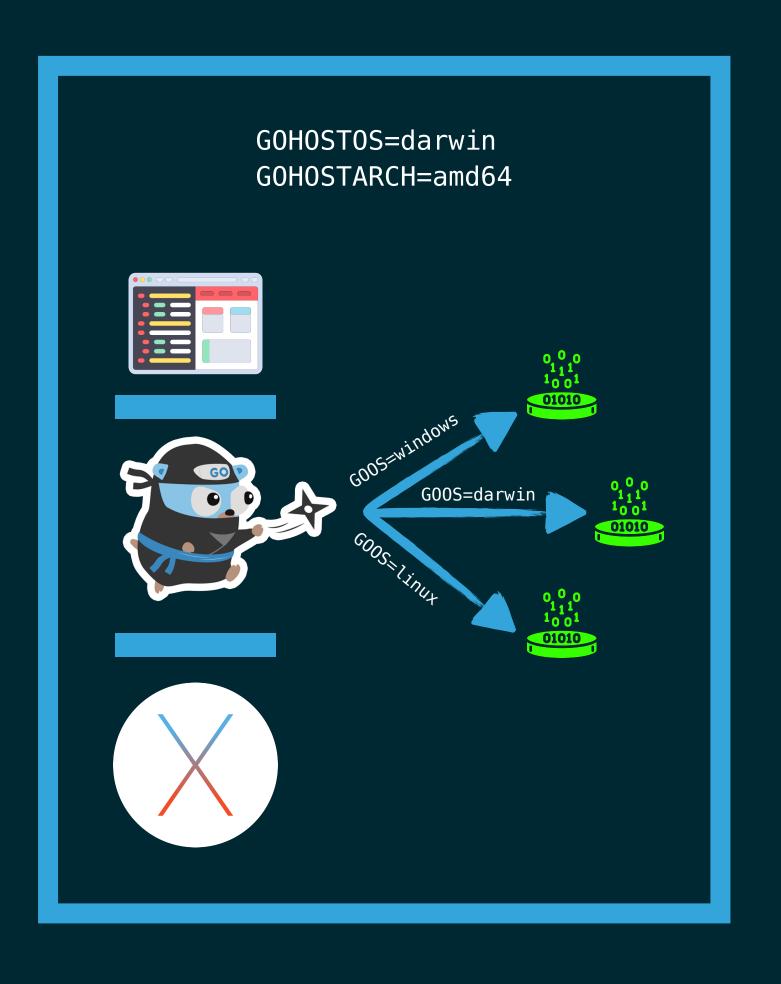






BUILD/COMPILE TIME VS RUNTIME

BUILD TIME



RUN TIME

