

00 Go environment

The GOPATH Environment Variable:

1. GOPATH may be set to a colon-separated list of paths inside which Go code, package objects, and executables may be found.
2. Set a GOPATH to use goinstall to build and install your own code and external libraries outside of the Go treeThe GOPATH environment variable lists places to look for Go code. On Unix, the value is a colon-separated string.
3. GOPATH must be set to get, build and install packages outside the standard Go tree.
4. GOPATH is for your own go projects / 3rd party libraries (downloaded with "go get").

The GOROOT Environment Variable:

- GOROOT is for compiler/tools that comes from go installation.

```
export GOROOT=$HOME/go
```

```
export PATH=$PATH:$GOROOT/bin:$GOPATH/bin
```

First run go env.

If you see empty for GOROOT:

- Run which go (On my computer : /usr/local/go/bin/go)
- Then export like this `export GOROOT=/usr/local/go`

If you see empty for GOPATH:

- Create any directory anywhere on your computer for go projects in my case: ~/GO_PROJECTS
- Then export GOPATH=~/GO_PROJECTS

Go version