

Navigate to <https://golang.org/dl>

Mac: /usr/local/go

Windows: c:\go

Linux: \$HOME/go

Note: If you download the tar.gz file for Linux, unzip the file in your \$HOME directory under a folder named go. This is the expected and default location. Make sure the \$HOME/go/bin folder is in your path. Once Go is installed you should be able to run the go command from a terminal. Start by running the go env command.

notice is that the \$GOPATH variable is empty if not set.

GoWorkspace setup:

Physical location on disk where you will load and work with Go code

Mac and Linux Users

Create folders named code/go/src in your \$HOME folder:

```
cd $HOME
mkdir -p ~/code/go/src
```

Update the .bash_profile file or your shell profile if there is another one you use:

```
cd $HOME
nano .bash_profile
```

At the top of the .bash_profile add these environmental variables:

```
export GOPATH="$HOME/code/go"
export PATH="$PATH:$GOPATH/bin"
```

Save the file and then source it:

```
source .bash_profile
```

Window Users

Create folders named code\go\src in your \$HOME folder:

```
cd c:\Users\<username>
md code

cd code
md go

cd go
md src
```

Go to your system settings and add the GOPATH variable and update your PATH.

```
GOPATH="c:\Users\<username>\code\go"
PATH="...;%GOPATH%\bin"
```

Validate using **go env command**.

Additional git shall be installed on your machine.