

Setting GOPATH

The `GOPATH` environment variable specifies the location of your workspace. If no `GOPATH` is set, it is assumed to be `$HOME/go` on Unix systems and `%USERPROFILE%\go` on Windows. If you want to use a custom location as your workspace, you can set the `GOPATH` environment variable. This page explains how to set this variable on various platforms.

- [Unix systems](#)
 - [Go 1.13](#)
 - [Bash](#)
 - [Zsh](#)
 - [fish](#)
- [Windows](#)
 - [Go 1.13](#)
 - [Windows 10 \(GUI\)](#)
 - [Windows 10 \(command line\)](#)

Unix systems

`GOPATH` can be any directory on your system. In Unix examples, we will set it to `$HOME/go` (the default since Go 1.8). Note that `GOPATH` must not be the same path as your Go installation. Another common setup is to set `GOPATH=$HOME` .

Go 1.13+

```
go env -w GOPATH=$HOME/go
```

Bash

Edit your `~/.bash_profile` to add the following line:

```
export GOPATH=$HOME/go
```

Save and exit your editor. Then, source your `~/.bash_profile` .

```
source ~/.bash_profile
```

Zsh

Edit your `~/.zshrc` file to add the following line:

```
export GOPATH=$HOME/go
```

Save and exit your editor. Then, source your `~/.zshrc` .

```
source ~/.zshrc
```

fish

```
set -x -U GOPATH $HOME/go
```

The `-x` is used to specify that this variable should be exported and the `-U` makes this a universal variable, available to all sessions and persistent.

Windows

Your workspace can be located wherever you like, but we'll use `C:\go-work` in this example.

NOTE: `GOPATH` must not be the same path as your Go installation.

- Create a folder at `C:\go-work`.
- Right-click on "Start" and click on "Control Panel". Select "System and Security", then click on "System".
- From the menu on the left, select the "Advanced system settings".
- Click the "Environment Variables" button at the bottom.
- Click "New" from the "User variables" section.
- Type `GOPATH` into the "Variable name" field.
- Type `C:\go-work` into the "Variable value" field.
- Click OK.

Go 1.13+ (command line)

- Open a command prompt (`Win + R` then type `cmd`) or a powershell window (`Win + I`).
- Type `go env -w GOPATH=c:\go-work`.

Windows 10 (GUI)

There is a faster way to edit `Environment Variables` via search:

- Left click on "Search" and type `env` or `environment`.
- Select "Edit environment variables for your account".
- ... and follow steps above.

Windows 10 (command line)

- Open a command prompt (`Win + R` then type `cmd`) or a powershell window (`Win + I`).
- Type `setx GOPATH %USERPROFILE%\go`. (This will set the `GOPATH` to your `[home folder]\go`, such as `C:\Users\yourusername\go`.)
- Close the command or PowerShell window. (The environment variable is only available for new command or PowerShell windows, not for the current window.)