

GOLANG AND UADMIN APPLE macOS INSTALLATION INSTRUCTIONS

First of all, go to <https://golang.org/dl/> to install Golang.

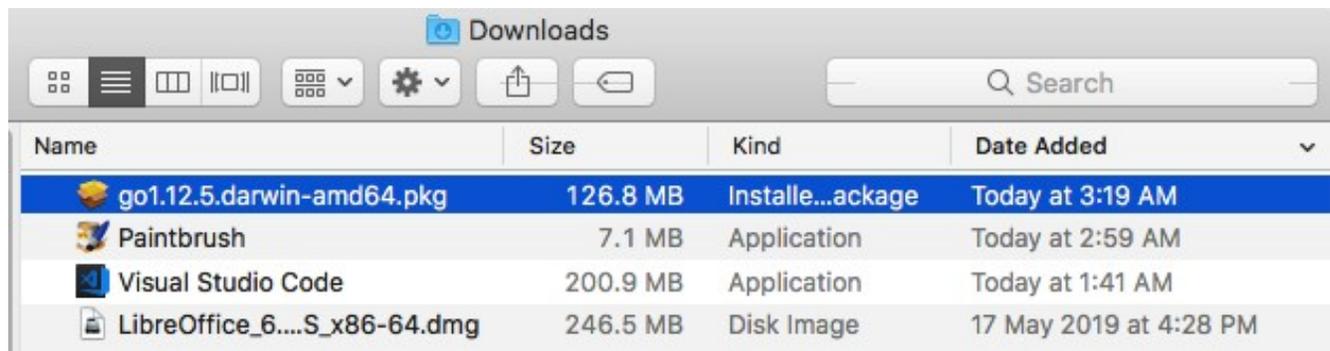
For Mac OS, click the link highlighted below.

Featured downloads

Microsoft Windows <i>Windows 7 or later, Intel 64-bit processor</i> go1.12.5.windows-amd64.msi (118MB)	Apple macOS <i>macOS 10.10 or later, Intel 64-bit processor</i> go1.12.5.darwin-amd64.pkg (121MB)	Linux <i>Linux 2.6.23 or later, Intel 64-bit processor</i> go1.12.5.linux-amd64.tar.gz (122MB)
Source go1.12.5.src.tar.gz (21MB)		

The file will automatically start downloading. Wait until the downloading process is finished.

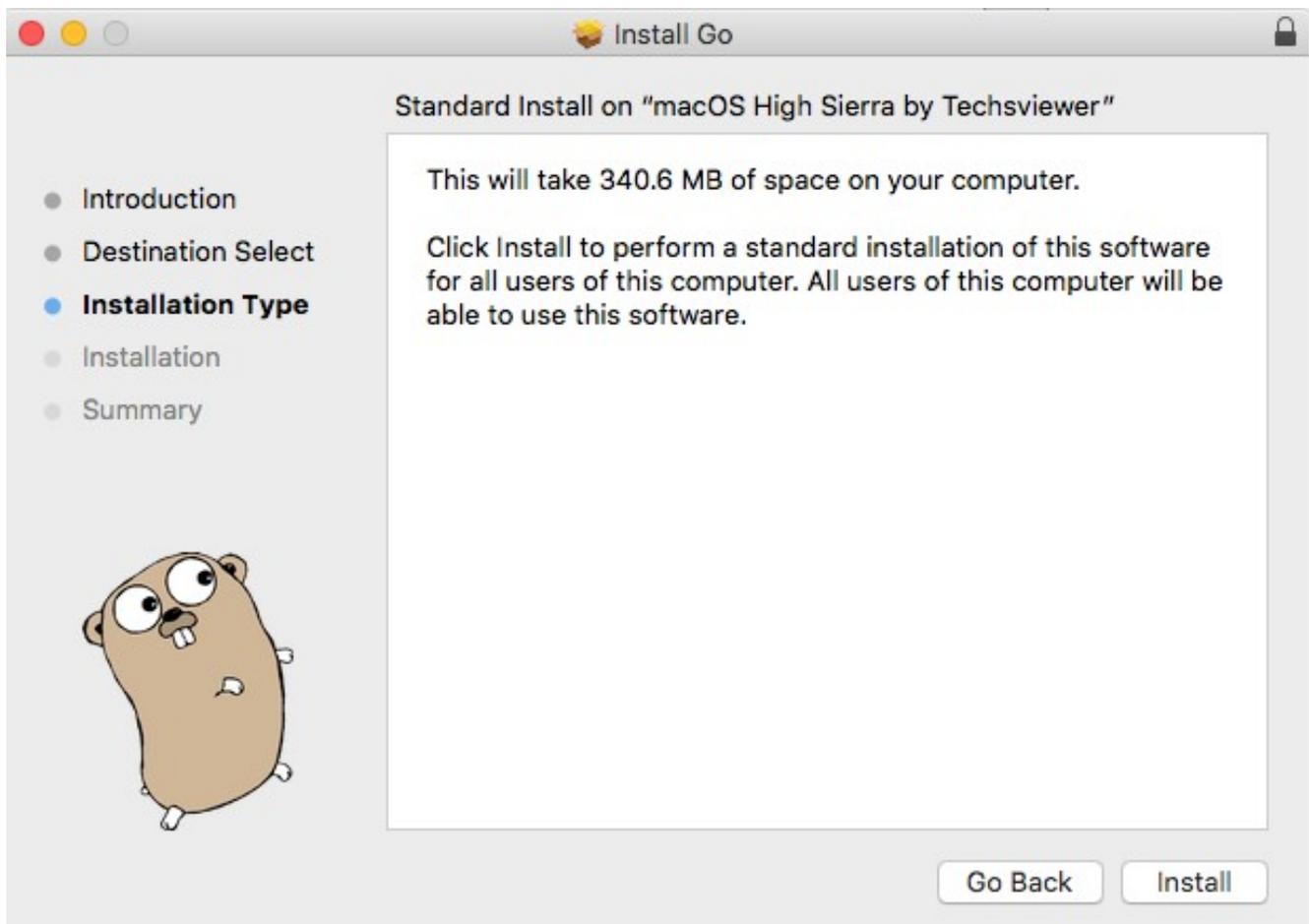
In the Downloads folder, open the Golang package file.



The form will pop up on the screen. Click Continue button on the bottom right corner.



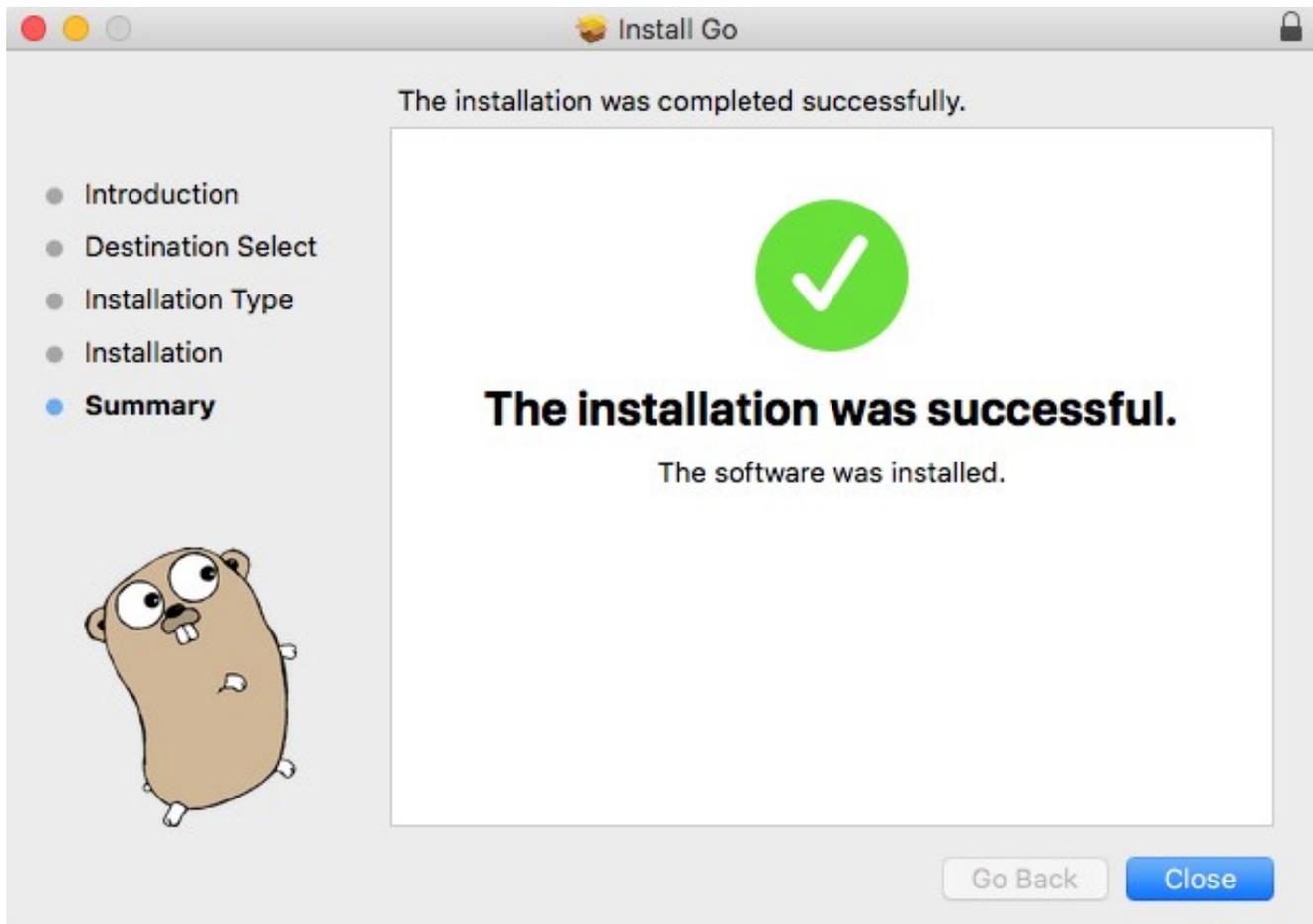
Click Install button.



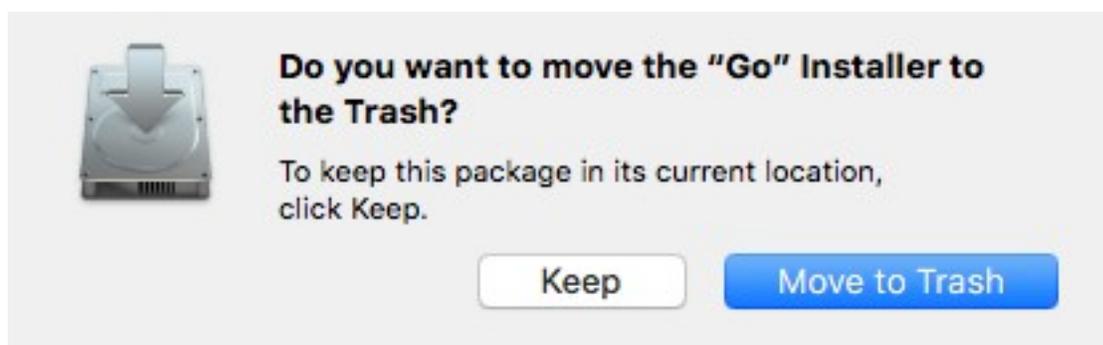
You will be asked to enter your password to allow installing a new software for authentication.



Wait until the installation process is done.
Click Close button once the installation was completed successfully.



To keep this package in its current location, click Keep.



Now test if your Golang is already installed in your computer by typing this command in your terminal:

go

Result

```
rn1hd — -bash — 80x29
[Roms-Mac:~ rn1hd$ go
Go is a tool for managing Go source code.

Usage:

    go <command> [arguments]

The commands are:

    bug          start a bug report
    build        compile packages and dependencies
    clean        remove object files and cached files
    doc          show documentation for package or symbol
    env          print Go environment information
    fix          update packages to use new APIs
    fmt          gofmt (reformat) package sources
    generate     generate Go files by processing source
    get          download and install packages and dependencies
    install      compile and install packages and dependencies
    list         list packages or modules
    mod          module maintenance
    run          compile and run Go program
    test        test packages
    tool         run specified go tool
    version     print Go version
    vet         report likely mistakes in packages

Use "go help <command>" for more information about a command.
```

If Git is not installed, you will see this error.

```
[Roms-Mac:~ rn1hd$ go get -u github.com/uadmin/uadmin/...
# cd .; git clone https://github.com/uadmin/uadmin /Users/rn1hd/go/src/github.com/uadmin/uadmin
xcodeselect: note: no developer tools were found at '/Applications/Xcode.app',
requesting install. Choose an option in the dialog to download the command line
developer tools.
package github.com/uadmin/uadmin/...: exit status 1
Roms-Mac:~ rn1hd$ █
```

In the dialog box, choose Install.



The "git" command requires the command line developer tools. Would you like to install the tools now?

Choose Install to continue. Choose Get Xcode to install Xcode and the command line developer tools from the App Store.

Click Agree.

License Agreement

Command Line Tools License Agreement

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1. General.

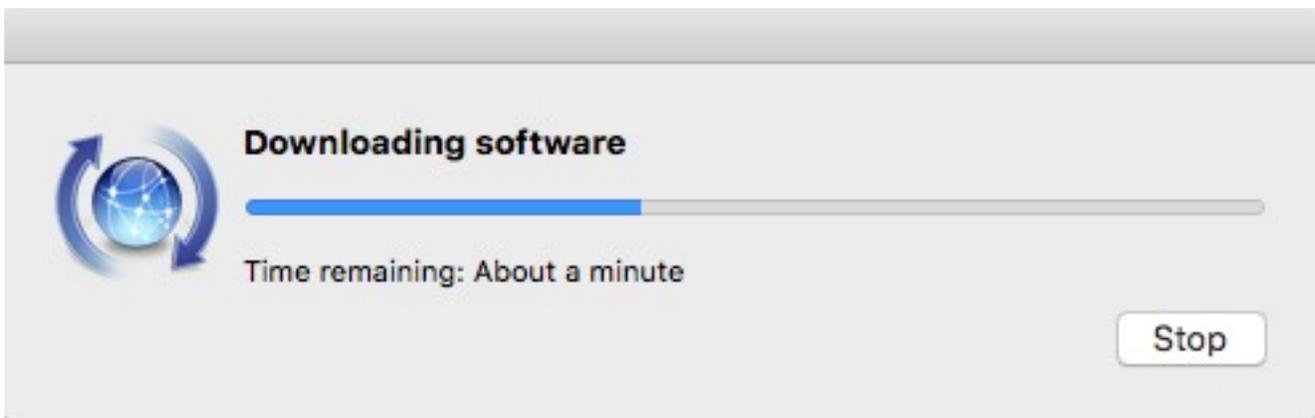
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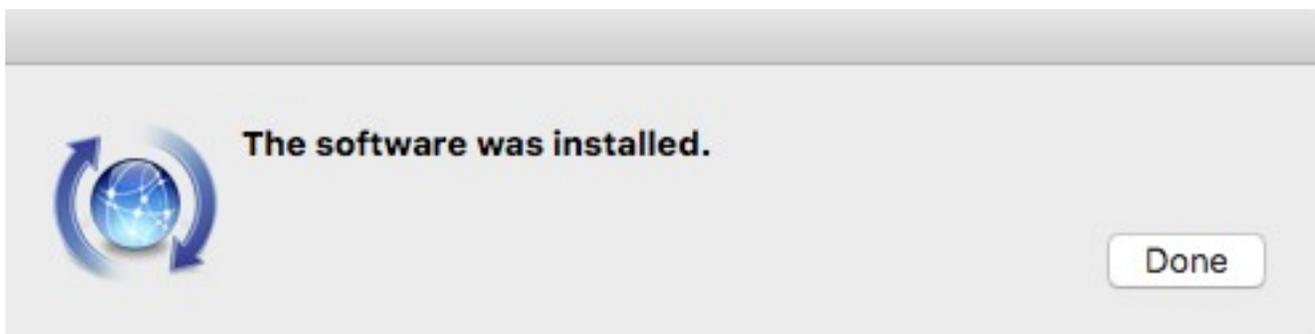
2. Permitted License Uses and Restrictions.

A. License. Subject to the terms and conditions of this License, you are granted a limited, non-exclusive license to use the

Git software is now downloading. Wait until the installation process is finished.



Click Done.



To confirm your Git installation, type **git** command in your terminal.

```
rn1hd — -bash — 80x24
Last login: Sun May 19 03:34:27 on ttys000
[Roms-Mac:~ rn1hd$ git
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
      [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
      [-p | --paginate | --no-pager] [--no-replace-objects] [--bare]
      [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
      <command> [<args>]

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)
  clone      Clone a repository into a new directory
  init       Create an empty Git repository or reinitialize an existing one

work on the current change (see also: git help everyday)
  add        Add file contents to the index
  mv         Move or rename a file, a directory, or a symlink
  reset      Reset current HEAD to the specified state
  rm         Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)
  bisect    Use binary search to find the commit that introduced a bug
  grep      Print lines matching a pattern
  log       Show commit logs
```

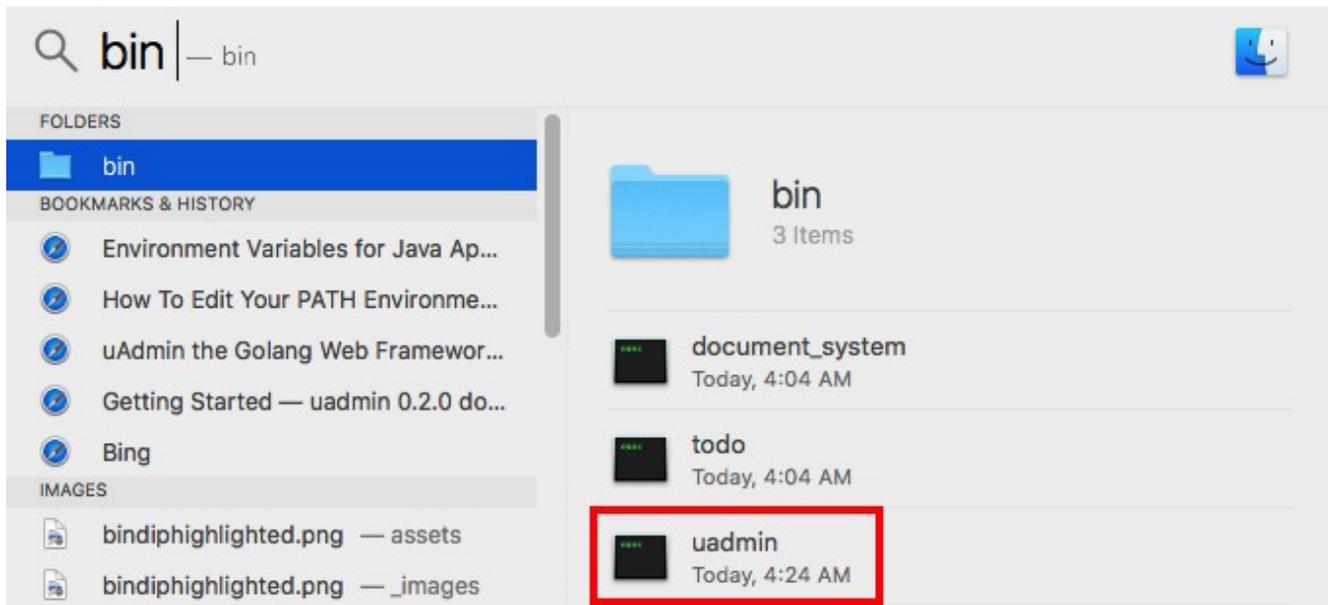
Now let's install uAdmin. Type the following command in the terminal as shown below. This might take a long time process because this command also installs dependencies.

go get -u github.com/uadmin/uadmin/...

On the top right corner of your screen, click the Search icon.

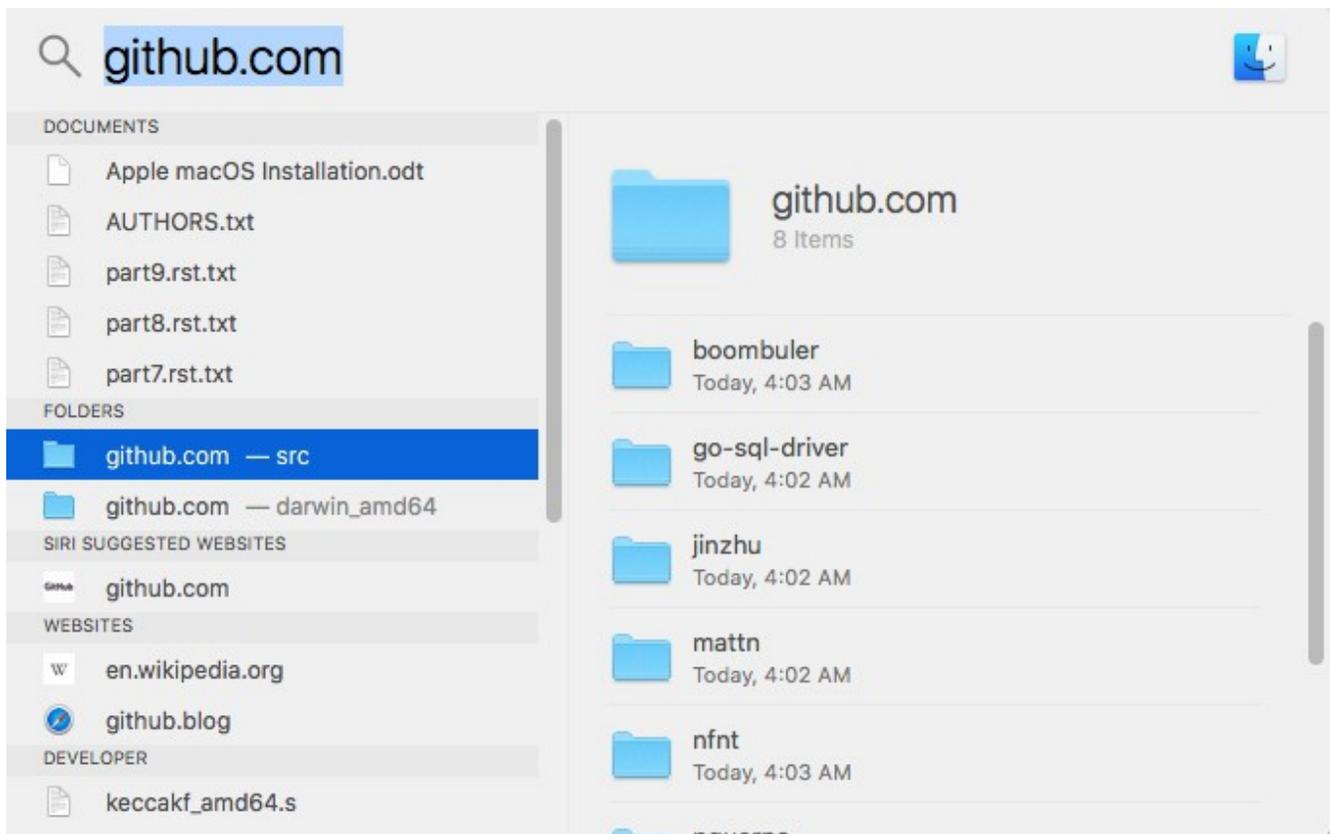


Search for **bin** folder. Ensure that you have **uadmin** file inside it.



Now search for github.com folder. Make sure you have the following packages:

- boombuler
- go-sql-driver
- jinzhu
- mattn
- nfnt
- pquerna
- tealeg
- uadmin



In your terminal, make sure you are in the home directory (yourPCname-Mac:~ yourUsername\$). Let's open a profile by typing this command: **nano .bash_profile**

Add the following codes inside that file then save it

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

Note: changes made to a bash_profile file may not apply until the next time you log into your computer.

To apply changes immediately, open your Terminal and run these commands (press Enter on your keyboard after each line).

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

Now test if your uAdmin is already installed in your computer by typing this command in your terminal: **uadmin**

```
Roms-Mac:~ rn1hd$ uadmin
Usage: uadmin COMMAND [-e email] [-d domain]
This tools allows you to publish your project online

Commands:
  publish      This publishes your project online
  prepare     Generates folders and prepares static and templates
  version      Shows the version of uAdmin

Arguments:
  -e, --email  Your email. This is required for you to be able to maintain yo
ur project.
  -d, --domain You can choose your domain name which will customize your URL

Get full documentation online:
https://uadmin.readthedocs.io/en/latest/

Roms-Mac:~ rn1hd$ █
```

Congrats, now you know how to install Golang and uAdmin framework from scratch.