

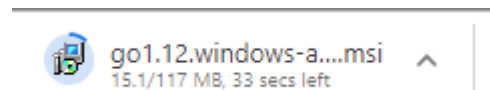
GOLANG AND UADMIN WINDOWS INSTALLATION INSTRUCTIONS

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

For Windows, click the MSI link.

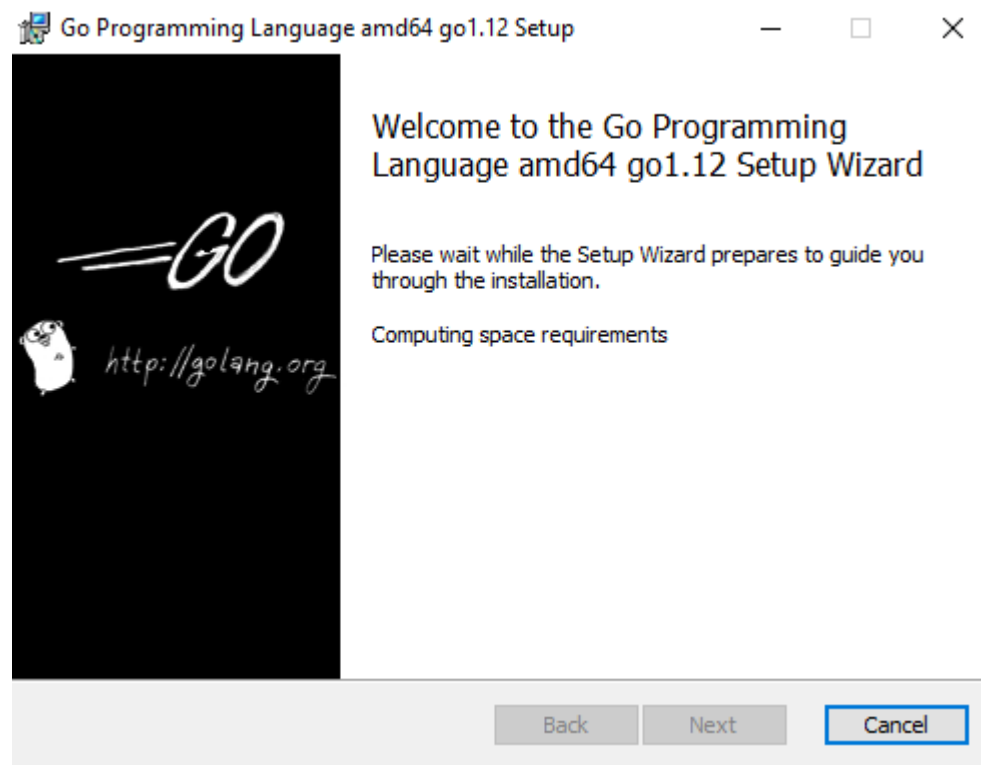


The setup will download automatically.

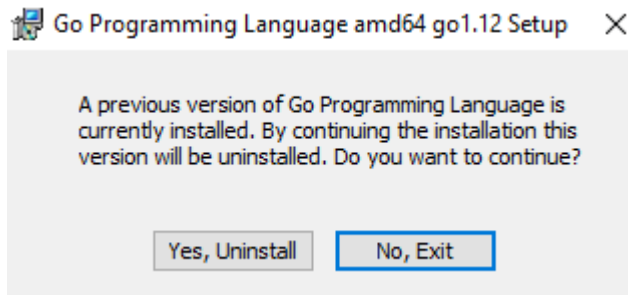


Once downloaded, click the setup for the installation.

If you see this form (computing space requirements), wait until the next form pop up. This might take a long time to process.



If you see this pop up, click Yes, Uninstall to update the version of Golang.



Click Next on the following form until you finish the installation.

In Local Disk C, make sure you have Go, go-work and TDM-GCC folders. If you do not have **go-work** folder, you can create the folder manually. The purpose of go-work is to **store all packages** that you have downloaded in Github.com. On the other hand, to download TDM-GCC visit this site:

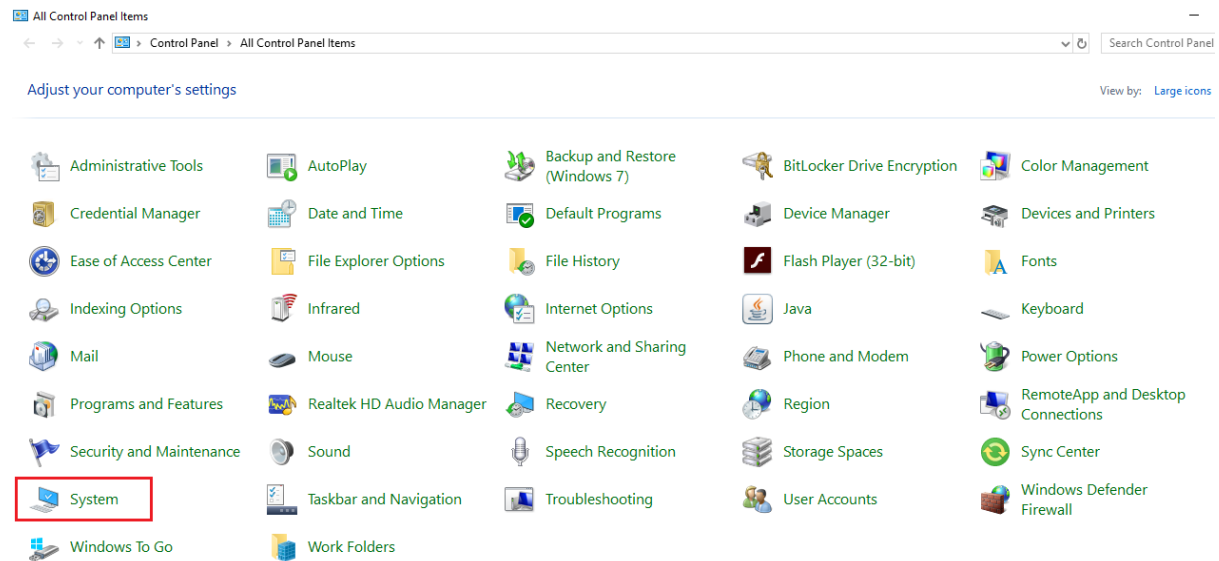
<http://tdm-gcc.tdragon.net/download>

> Local Disk (C:) >			
Name	Date modified	Type	Size
trace.ini	1/28/2019 1:56 PM	Configuration sett...	1 KB
AiOLog.txt	10/9/2018 8:24 PM	Text Document	2 KB
HaxLogs.txt	3/27/2018 1:21 PM	Text Document	1 KB
ftconfig.ini	7/6/2015 3:59 PM	Configuration sett...	1 KB
msdia80.dll	12/1/2006 11:37 PM	Application extens...	884 KB
Go	3/9/2019 10:04 PM	File folder	
Windows	3/9/2019 9:47 PM	File folder	
ProgramData	2/28/2019 4:36 AM	File folder	
Program Files (x86)	2/12/2019 11:14 PM	File folder	
Program Files	1/16/2019 11:51 AM	File folder	
cygwin64	11/30/2018 6:48 AM	File folder	
PHP	11/30/2018 5:59 AM	File folder	
Python27	11/28/2018 10:16 ...	File folder	
go-work	11/11/2018 2:35 PM	File folder	
TDM-GCC-64	11/11/2018 9:42 AM	File folder	
Users	10/4/2018 7:15 PM	File folder	

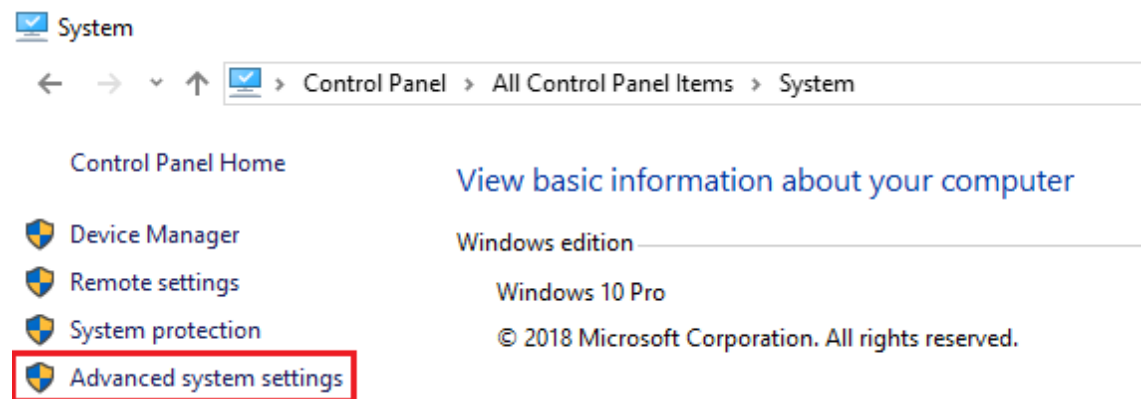
The packages are located in go-work/src/github.com. This is a sample screenshot.

> Local Disk (C:) > go-work > src > github.com >		
Name	Date modified	Type
uadmin	11/11/2018 2:33 PM	File folder
unidoc-master	9/20/2018 6:05 AM	File folder
vim	11/28/2018 8:55 PM	File folder
xlsx-master	9/19/2018 4:39 PM	File folder

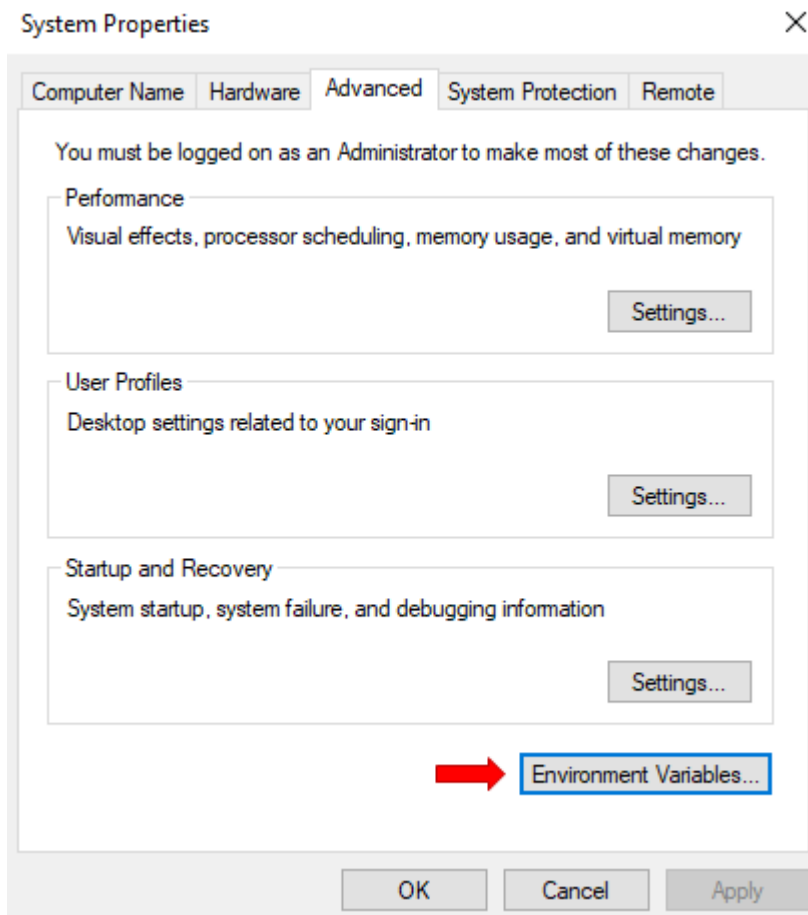
To set up Go configuration, go to Control Panel and click on System.



Next, click on Advanced System Settings.



Click on Environment Variables



Set GOPATH on User Variables and GOROOT on System Variables

Environment Variables



User variables for romnick-pc

Variable	Value
GOOGLE_API_KEY	no
GOOGLE_DEFAULT_CLIENT_ID	no
GOOGLE_DEFAULT_CLIENT_...	no
GOPATH	C:\go-work
OneDrive	C:\Users\romnick-pc\OneDrive
OneDriveConsumer	C:\Users\romnick-pc\OneDrive
PATH	C:\Users\romnick-pc\cargo\bin;C:\Program Files (x86)\Vim\vim81;...

New...

Edit...

Delete

System variables

Variable	Value
ComSpec	C:\WINDOWS\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
FSHARPINSTALLDIR	C:\Program Files (x86)\Microsoft SDKs\F#\10.1\Framework\v4.0\
GOROOT	C:\Go\
MSMPI_BIN	C:\Program Files\Microsoft MPI\Bin\
NUMBER_OF_PROCESSORS	8
OS	Windows NT

New...

Edit...

Delete

OK

Cancel

On User Variables, select PATH then click Edit button.

Environment Variables



User variables for romnick-pc

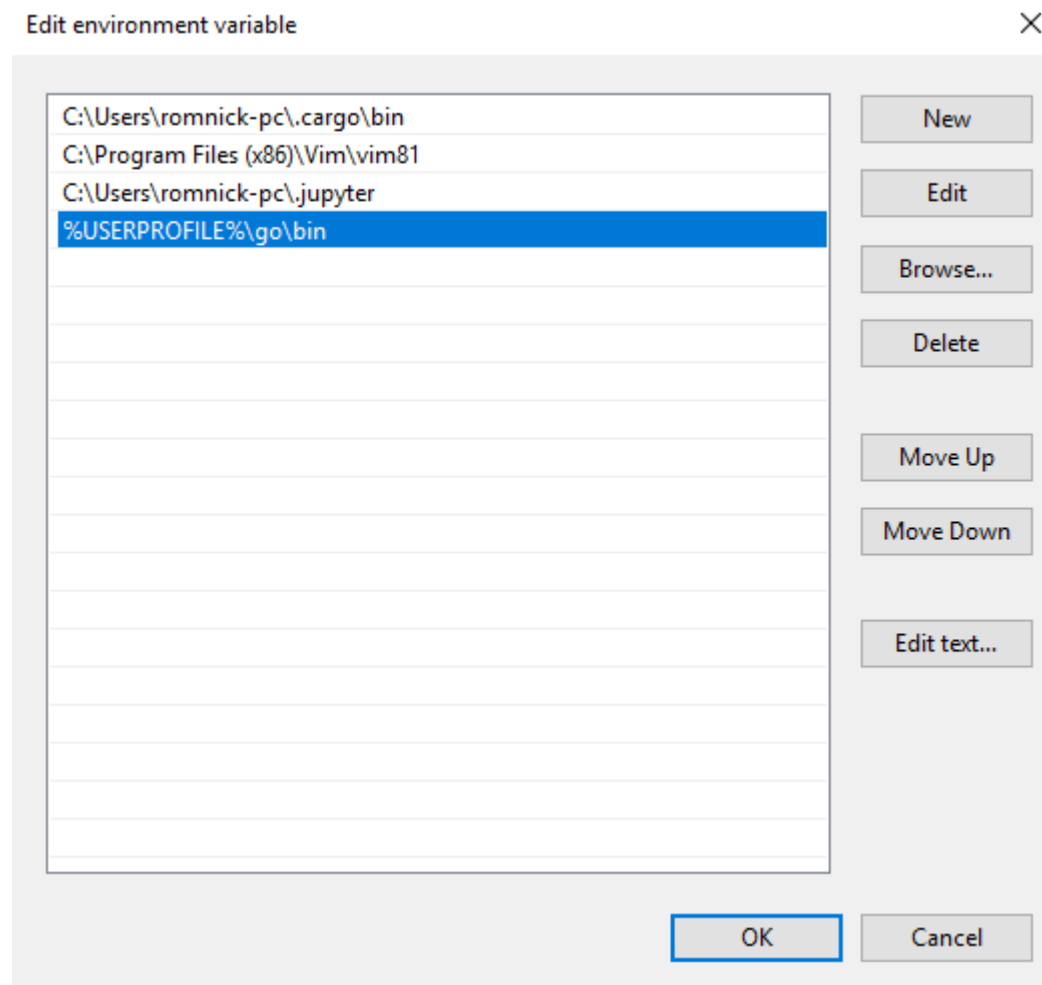
Variable	Value
GOOGLE_DEFAULT_CLIENT_ID	no
GOOGLE_DEFAULT_CLIENT_...	no
GOPATH	C:\go-work
OneDrive	C:\Users\romnick-pc\OneDrive
OneDriveConsumer	C:\Users\romnick-pc\OneDrive
PATH	C:\Users\romnick-pc\cargo\bin;C:\Program Files (x86)\Vim\vim81;...
TEMP	C:\Users\romnick-pc\AppData\Local\Temp

New...

Edit...

Delete

In Edit Environment variable form, add the **%USERPROFILE%\go\bin** then click OK.



On System Variables, select PATH then click Edit button.

Environment Variables



User variables for romnick-pc

Variable	Value
GOOGLE_DEFAULT_CLIENT_ID	no
GOOGLE_DEFAULT_CLIENT_...	no
GOPATH	C:\go-work
OneDrive	C:\Users\romnick-pc\OneDrive
OneDriveConsumer	C:\Users\romnick-pc\OneDrive
PATH	C:\Users\romnick-pc\.cargo\bin;C:\Program Files (x86)\Vim\vim81;...
TEMP	C:\Users\romnick-pc\AppData\Local\Temp

New...

Edit...

Delete

System variables

Variable	Value
GOROOT	C:\Go\
MSMPI_BIN	C:\Program Files\Microsoft MPI\Bin\
NUMBER_OF_PROCESSORS	8
OS	Windows_NT
PATH	C:\Program Files (x86)\Common Files\Oracle\Java\javapath;set PAT...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

New...

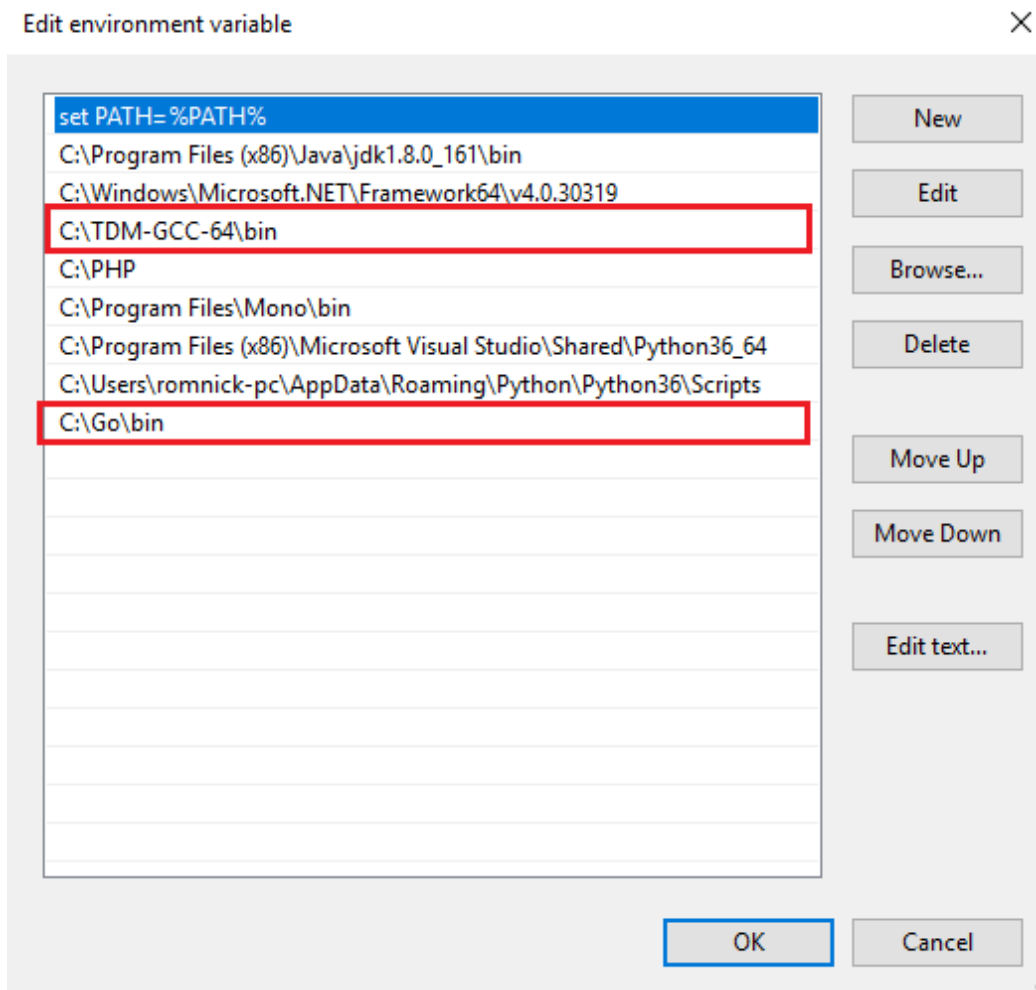
Edit...

Delete

OK

Cancel

In Edit Environment variable form, add the following highlighted below then click OK.



Now open your Command Prompt (cmd) then type Go command. You should see this result.

```
Microsoft Windows [Version 10.0.17134.590]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\romnick-pc>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
```


Now let's install uAdmin. Type the following command in the Command Prompt as shown below. Make sure you have go-work/src/github.com path in Local Disk C.

Installation

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

```
C:\Users\romnick-pc>go get -u github.com/uadmin/uadmin/...  
go: missing Git command. See https://golang.org/s/gogetcmd  
package github.com/uadmin/uadmin/...: exec: "git": executable file not found in %PATH%
```

If you found this error, visit this link to download Git in Windows. <https://git-scm.com/downloads>



Click Next button consecutively for the installation process.

Make sure you have Git folder in your Program Files.

Local Disk (C:) > Program Files >				
Name	Date modified	Type	Size	
AMD	5/23/2018 5:01 PM	File folder		
Application Verifier	5/13/2018 11:36 PM	File folder		
ASUS	5/23/2018 5:01 PM	File folder		
AutoHotkey	6/30/2018 1:35 AM	File folder		
Common Files	5/24/2018 9:25 AM	File folder		
DB Browser for SQLite	8/25/2018 9:38 PM	File folder		
dotnet	5/13/2018 11:20 PM	File folder		
Easeware	5/19/2018 7:59 AM	File folder		
fik Canadian Updater	8/25/2018 5:57 AM	File folder		
Git	3/9/2019 10:38 PM	File folder		
HP	5/18/2018 4:35 PM	File folder		
IIS	5/24/2018 9:25 AM	File folder		

On System Variables, select PATH then click Edit button.

Environment Variables



User variables for romnick-pc

Variable	Value
GOOGLE_DEFAULT_CLIENT_ID	no
GOOGLE_DEFAULT_CLIENT_...	no
GOPATH	C:\go-work
OneDrive	C:\Users\romnick-pc\OneDrive
OneDriveConsumer	C:\Users\romnick-pc\OneDrive
PATH	C:\Users\romnick-pc\cargo\bin;C:\Program Files (x86)\Vim\vim81;...
TEMP	C:\Users\romnick-pc\AppData\Local\Temp

New... Edit... Delete

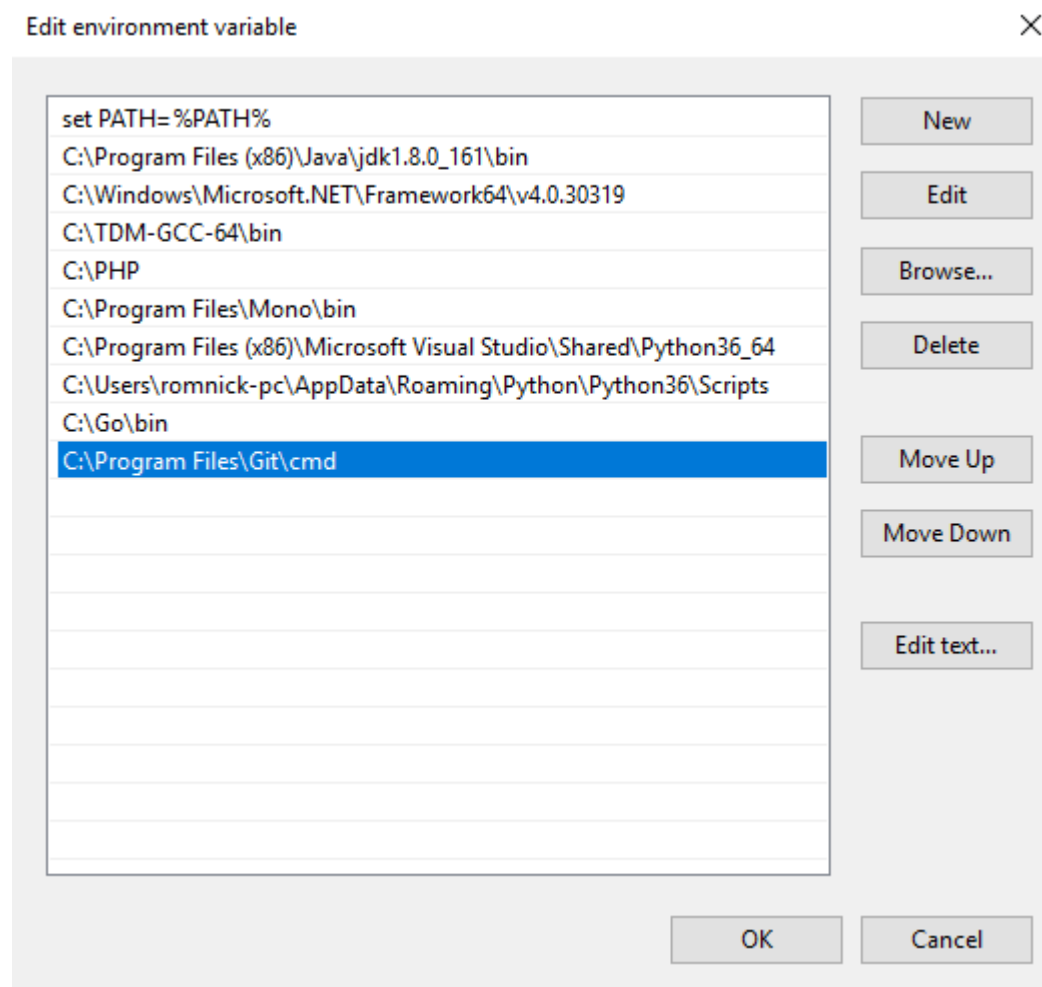
System variables

Variable	Value
GOROOT	C:\Go\
MSMPI_BIN	C:\Program Files\Microsoft MPI\Bin\
NUMBER_OF_PROCESSORS	8
OS	Windows_NT
PATH	C:\Program Files (x86)\Common Files\Oracle\Java\javapath;set PAT...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

New... Edit... Delete

OK Cancel

Add C:\Program Files\Git\cmd inside it.



Now open Command Prompt and type Git. You should see this result.

```
Command Prompt
Microsoft Windows [Version 10.0.17134.590]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\romnick-pc>git
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
        [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
        [-p | --paginate | -P | --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
    show       Show various types of objects
    status     Show the working tree status
















grow, mark and tweak your common history
```

Let's install uAdmin by typing this command: **go get -u github.com/uadmin/uadmin/...** then click Enter.

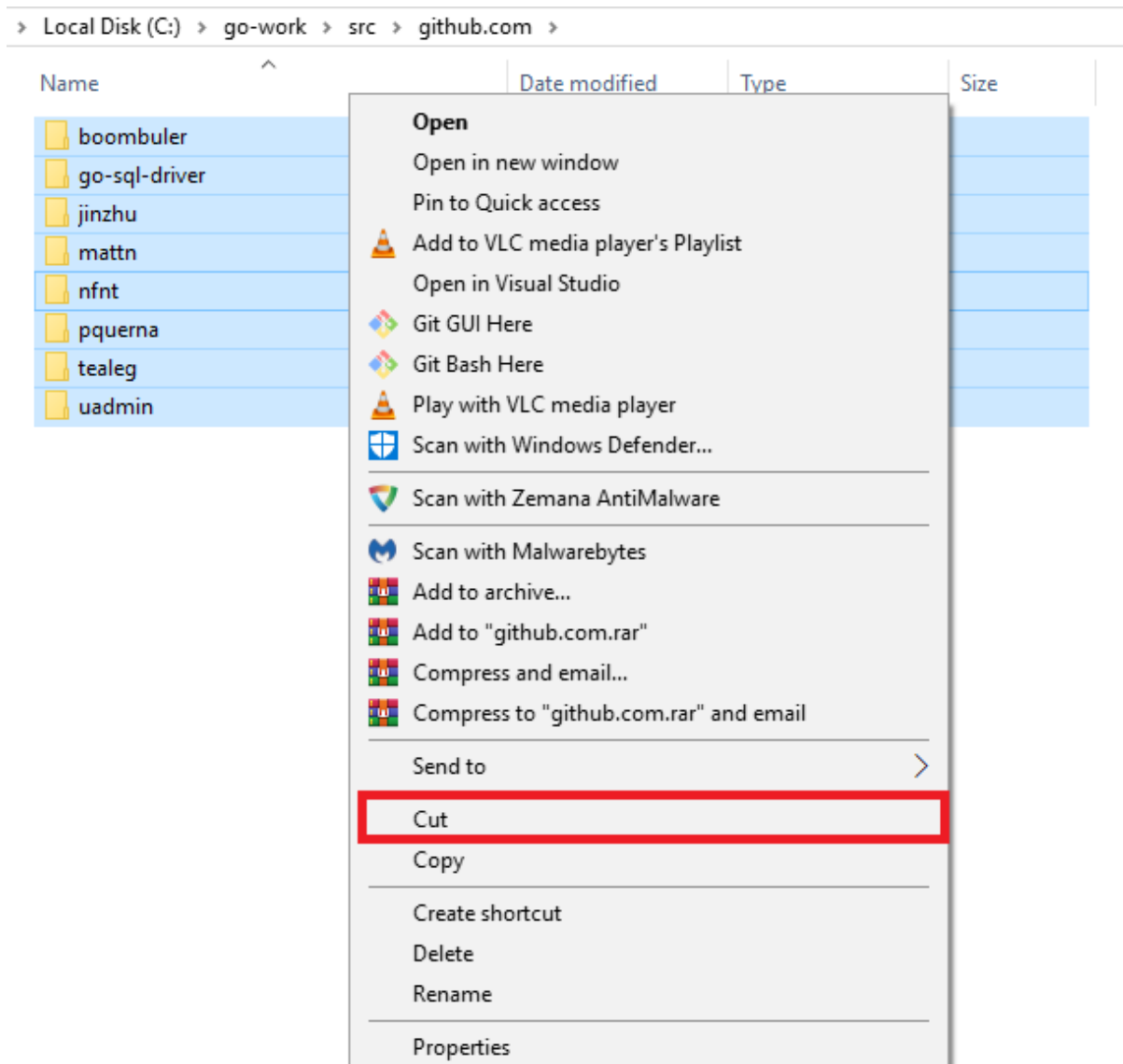
If you go to C:/go-work/src/github.com path, you will notice that the uAdmin packages are saved in that path (all March 9, 2019 as a sample).

» Local Disk (C:) » go-work » src » github.com »			
Name	Date modified	Type	Size
boombuler	3/9/2019 11:49 PM	File folder	
go-sql-driver	3/9/2019 11:49 PM	File folder	
jinzhu	3/9/2019 11:49 PM	File folder	
mattn	3/9/2019 11:49 PM	File folder	
nfnt	3/9/2019 11:49 PM	File folder	
pquerna	3/9/2019 11:49 PM	File folder	
tealeg	3/9/2019 11:49 PM	File folder	
uadmin	3/9/2019 11:49 PM	File folder	

Now go to C:/Go/src path. Create a folder named "github.com". This is where you store all packages from Github.

> Local Disk (C:) > Go > src >				
Name	^	Date modified	Type	Size
 compress		3/9/2019 10:03 PM	File folder	
 container		3/9/2019 10:03 PM	File folder	
 context		3/9/2019 10:03 PM	File folder	
 crypto		3/9/2019 10:03 PM	File folder	
 database		3/9/2019 10:03 PM	File folder	
 debug		3/9/2019 10:03 PM	File folder	
 encoding		3/9/2019 10:03 PM	File folder	
 errors		3/9/2019 10:03 PM	File folder	
 expvar		3/9/2019 10:03 PM	File folder	
 flag		3/9/2019 10:04 PM	File folder	
 fmt		3/9/2019 10:04 PM	File folder	
 github.com		3/9/2019 11:47 PM	File folder	
 go		3/9/2019 10:03 PM	File folder	
 hash		3/9/2019 10:04 PM	File folder	
 html		3/9/2019 10:04 PM	File folder	

Go back to C:/go-work/src/github.com path. Move all uAdmin packages from go-work to C:/Go/src/github.com path.



> Local Disk (C:) > Go > src > github.com >			
Name	Date modified	Type	Size
boombuler	3/9/2019 10:46 PM	File folder	
go-sql-driver	3/9/2019 10:45 PM	File folder	
jinzhu	3/9/2019 10:45 PM	File folder	
mattn	3/9/2019 10:45 PM	File folder	
nfnt	3/9/2019 10:46 PM	File folder	
pquerna	3/9/2019 10:46 PM	File folder	
tealeg	3/9/2019 10:46 PM	File folder	
uadmin	3/9/2019 10:44 PM	File folder	

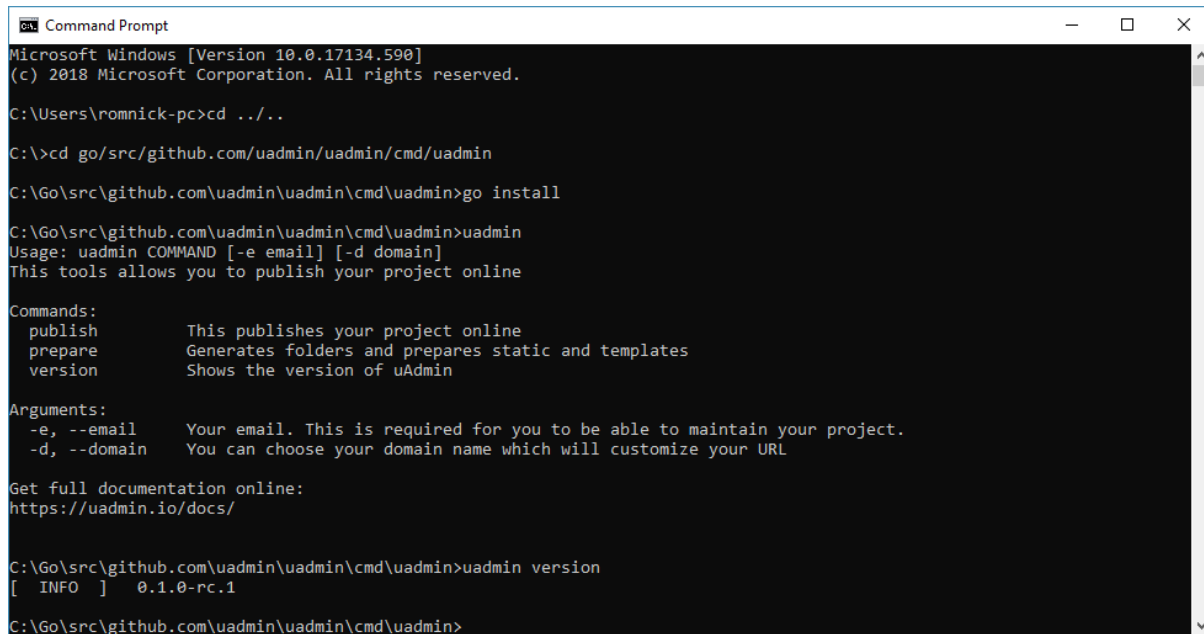
Open your Command prompt and type the following commands below to install or update uAdmin version. Make sure you are in the C:\> path.

```
cd go/src/github.com/uadmin/uadmin/cmd/uadmin
```

```
go install
```

```
uadmin
```

```
uadmin version
```



```
Command Prompt
Microsoft Windows [Version 10.0.17134.590]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\romnick-pc>cd ../../

C:\>cd go/src/github.com/uadmin/uadmin/cmd/uadmin
C:\Go\src\github.com\uadmin\uadmin\cmd\uadmin>go install

C:\Go\src\github.com\uadmin\uadmin\cmd\uadmin>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 your project.
  -d, --domain  You can choose your domain name which will customize your URL

Get full documentation online:
https://uadmin.io/docs/

C:\Go\src\github.com\uadmin\uadmin\cmd\uadmin>uadmin version
[ INFO ] 0.1.0-rc.1

C:\Go\src\github.com\uadmin\uadmin\cmd\uadmin>
```

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