

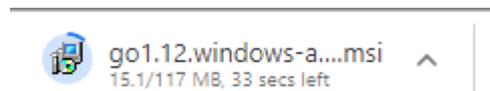
# GOLANG AND UADMIN WINDOWS INSTALLATION INSTRUCTIONS

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

For Windows, click the MSI link.

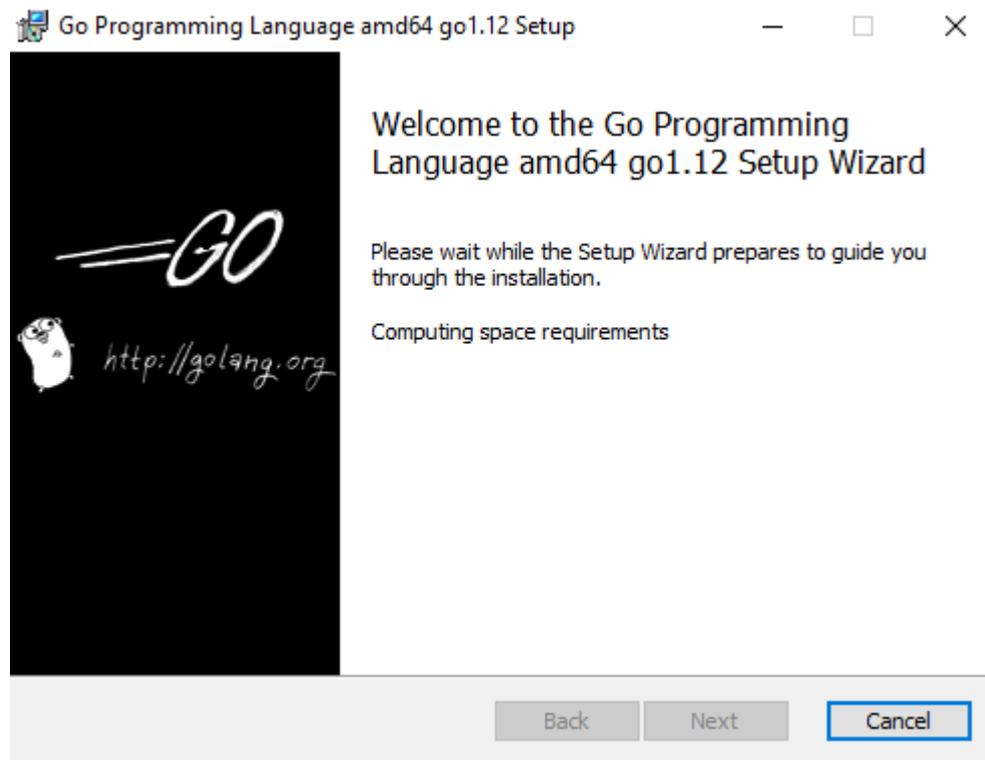


The setup will download automatically.

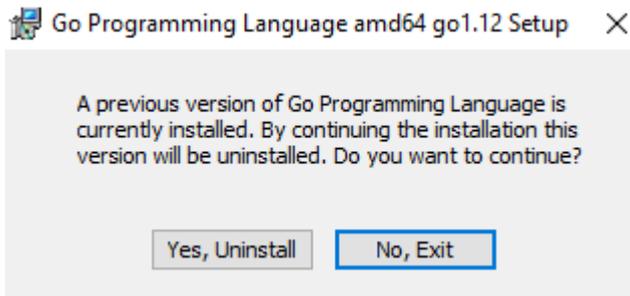


Once downloaded, click the setup for the installation.

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 and TDM-GCC folders. To download TDM-GCC visit this site: <http://tdm-gcc.tdragon.net/download>

s PC > Local Disk (C:)

Name	Date modified	Type
EEK	9/2/2018 3:33 PM	File folder
ESD	1/17/2018 2:59 AM	File folder
FFOutput	9/19/2015 9:21 PM	File folder
FRST	8/10/2016 5:54 PM	File folder
Go	3/9/2019 10:04 PM	File folder
HP	6/29/2018 4:19 PM	File folder
LocalDatabaseApp	5/14/2018 6:56 AM	File folder
MATS	8/9/2016 6:26 PM	File folder
MSOCache	4/17/2015 9:13 PM	File folder
PerfLogs	9/15/2018 3:33 PM	File folder
PHP	11/30/2018 5:59 AM	File folder
Program Files	5/5/2019 3:42 PM	File folder
Program Files (x86)	5/13/2019 7:48 AM	File folder
ProgramData	5/13/2019 7:48 AM	File folder
Python27	11/28/2018 10:16 ...	File folder
sqlite	6/11/2018 6:37 PM	File folder
SQLServer2017Media	5/13/2018 10:25 PM	File folder
SWSetup	6/29/2018 4:24 PM	File folder
system.sav	6/29/2018 4:24 PM	File folder
TDM-GCC-64	11/11/2018 9:42 AM	File folder
TEMP	3/25/2018 9:54 PM	File folder

From C:/ directory, go to Users/YourPCName path. Ensure if go-work folder is existing on that path. 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.

s PC > Local Disk (C:) > Users > romnick-pc >

Name	Date modified	Type
CoffeeFinderApp	4/29/2015 7:47 PM	File folder
Contacts	4/21/2019 7:01 AM	File folder
Creative Cloud Files	7/3/2018 2:10 AM	File folder
Creative Cloud Files (archived) (1)	3/27/2018 1:26 PM	File folder
Desktop	5/13/2019 11:08 PM	File folder
Documents	5/14/2019 7:34 AM	File folder
Downloads	5/15/2019 8:56 AM	File folder
Favorites	4/21/2019 7:01 AM	File folder
go-work	3/9/2019 10:47 PM	File folder
GuitarSolo	4/20/2015 9:43 PM	File folder
jdk1.8.0	4/18/2015 8:15 AM	File folder

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

All Control Panel Items

Control Panel > All Control Panel Items

Adjust your computer's settings

View by: Large icons

- Administrative Tools
- AutoPlay
- Backup and Restore (Windows 7)
- BitLocker Drive Encryption
- Color Management
- Credential Manager
- Date and Time
- Default Programs
- Device Manager
- Devices and Printers
- Ease of Access Center
- File Explorer Options
- File History
- Flash Player (32-bit)
- Fonts
- Indexing Options
- Infrared
- Internet Options
- Java
- Keyboard
- Mail
- Mouse
- Network and Sharing Center
- Phone and Modem
- Power Options
- Programs and Features
- Realtek HD Audio Manager
- Recovery
- Region
- RemoteApp and Desktop Connections
- Security and Maintenance
- Sound
- Speech Recognition
- Storage Spaces
- Sync Center
- System
- Taskbar and Navigation
- Troubleshooting
- User Accounts
- Windows Defender Firewall
- Windows To Go
- Work Folders

Next, click on Advanced System Settings.

System

Control Panel > All Control Panel Items > System

Control Panel Home

View basic information about your computer

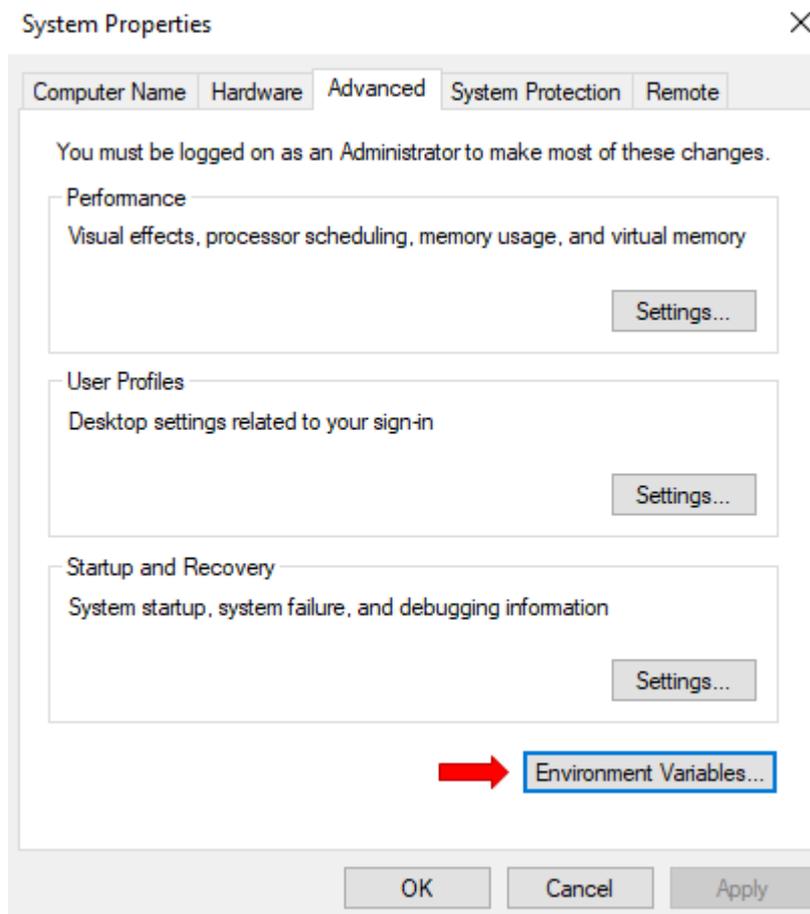
Windows edition

Windows 10 Pro

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- Device Manager
- Remote settings
- System protection
- 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:\Users\romnick-pc\go-work
OneDrive	C:\Users\romnick-pc\OneDrive
OneDriveConsumer	C:\Users\romnick-pc\OneDrive
Path	C:\Users\romnick-pc\carao\bin:C:\Proaram 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



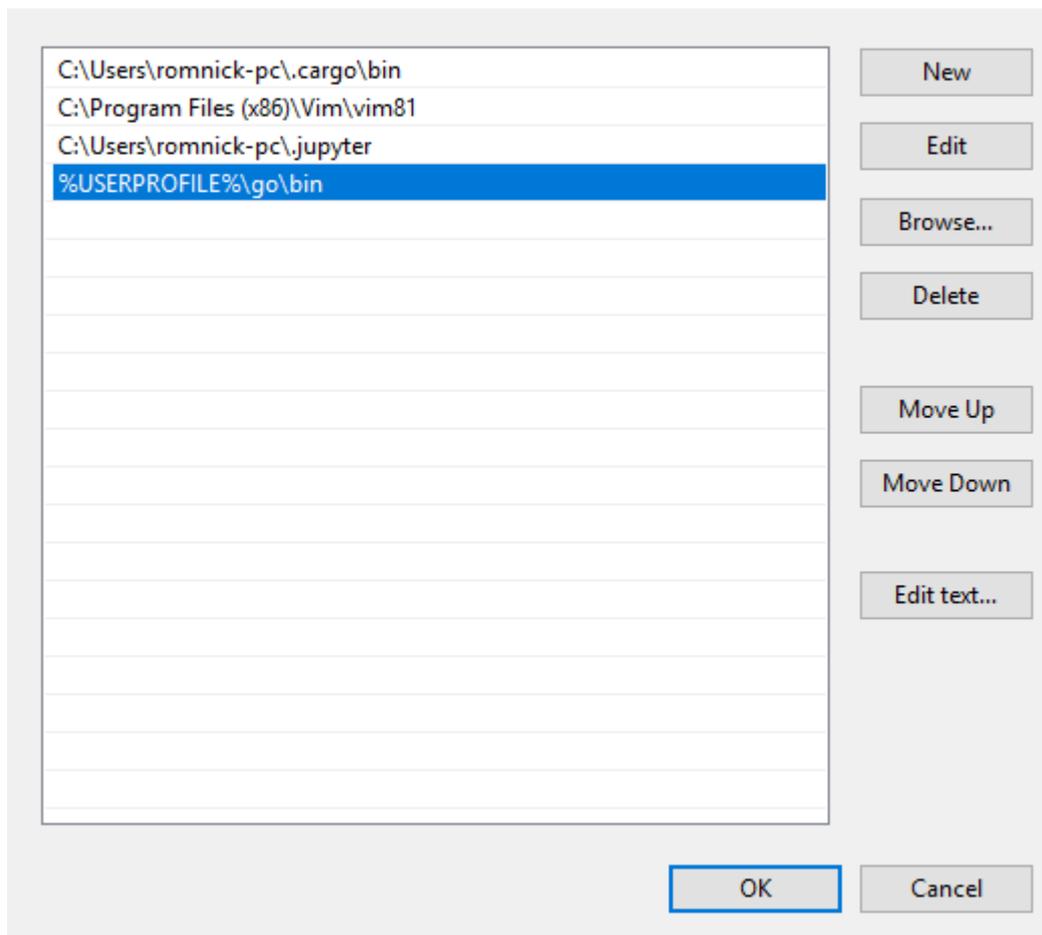
User variables for romnick-pc

Variable	Value
GOOGLE_DEFAULT_CLIENT_...	no
GOPATH	C:\Users\romnick-pc\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
TMP	C:\Users\romnick-pc\AppData\Local\Temp

New... Edit... Delete

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

Edit environment variable



On System Variables, select PATH then click Edit button.

User variables for romnick-pc

Variable	Value
GOOGLE_DEFAULT_CLIENT_...	no
GOPATH	C:\Users\romnick-pc\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
TMP	C:\Users\romnick-pc\AppData\Local\Temp

New... Edit... Delete

System variables

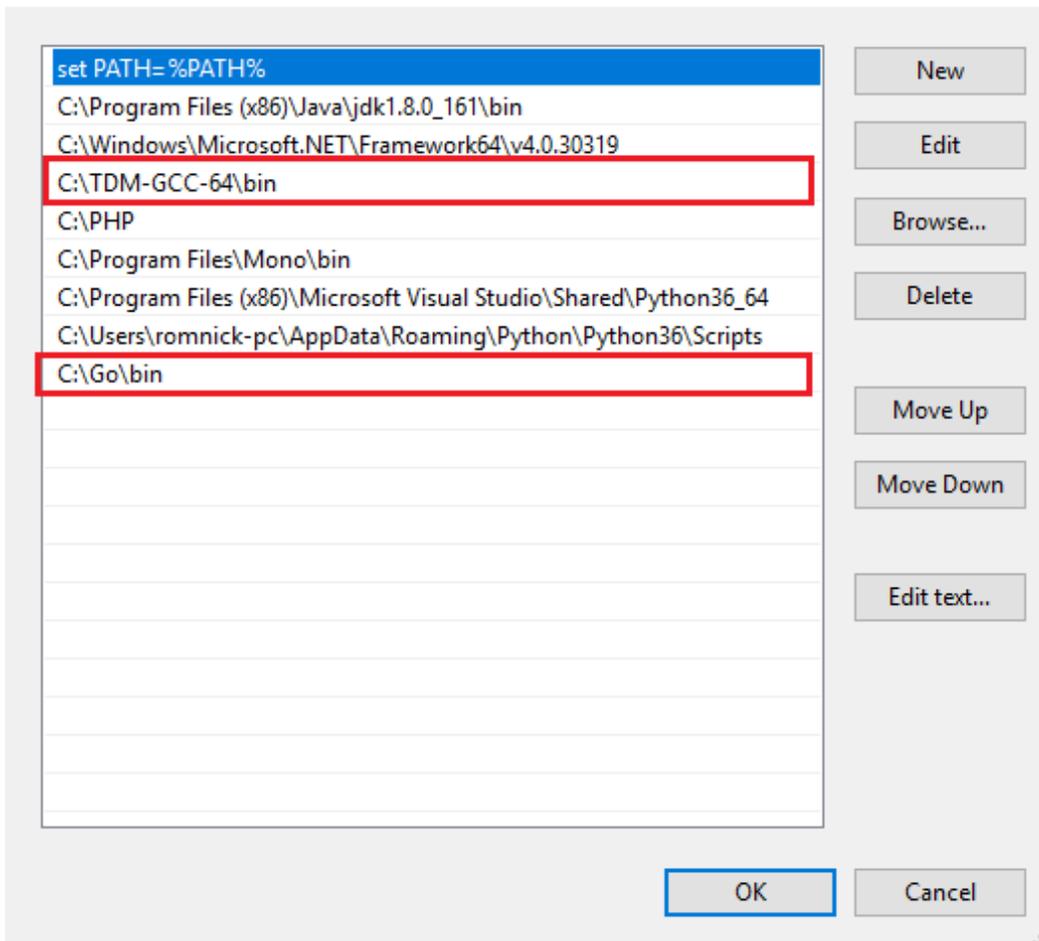
Variable	Value
GOROOT	C:\Go\
MSMPI_BIN	C:\Program Files\Microsoft MPI\Bin\
NUMBER_OF_PROCESSORS	8
OS	Windows_NT
PATH	C:\Program Files (x86)\Common Files\Oracle\Java\javapath;set PAT...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

New... Edit... Delete

OK Cancel

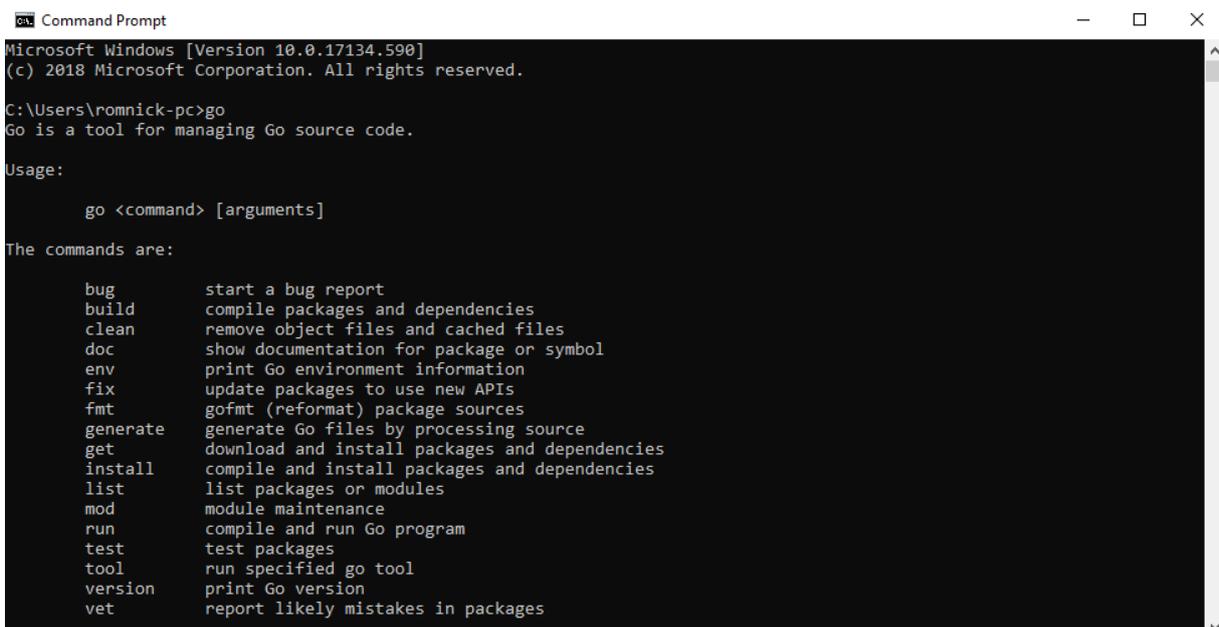
In Edit Environment variable form, add the following highlighted below then click OK.

### Edit environment variable



**Note:** Changes made to the environment variable may not apply until the next time you log into your computer.

After you restart your computer, open your Command Prompt (cmd) then type **go** command. You should see this result.



If Git software is not installed, you will see this error:

```
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%
```

To fix this, you need to download Git in Windows. <https://git-scm.com/downloads>



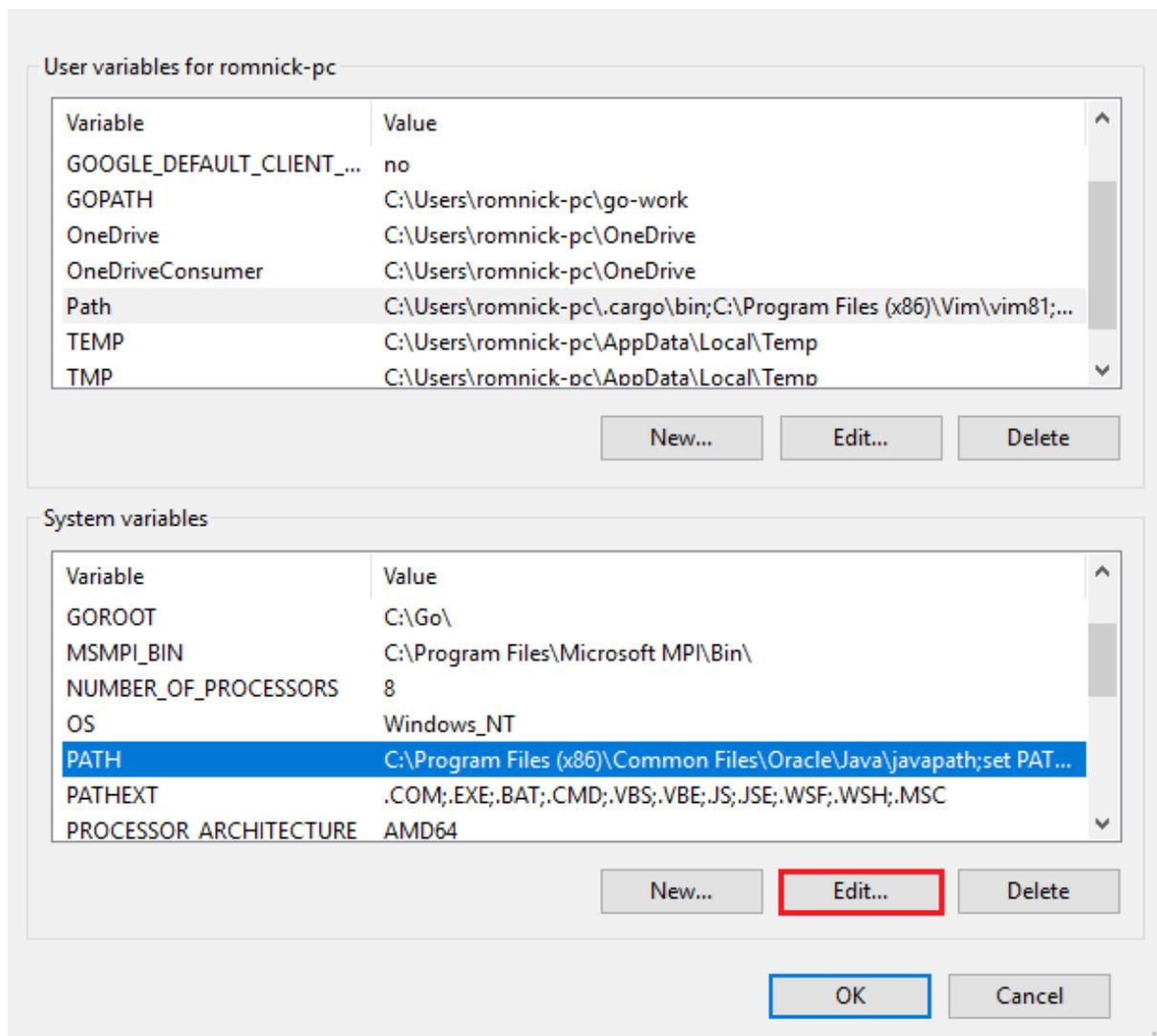
Click Next button consecutively for the installation process.

Make sure you have Git folder in your Program Files.

> Local Disk (C:) > Program Files >

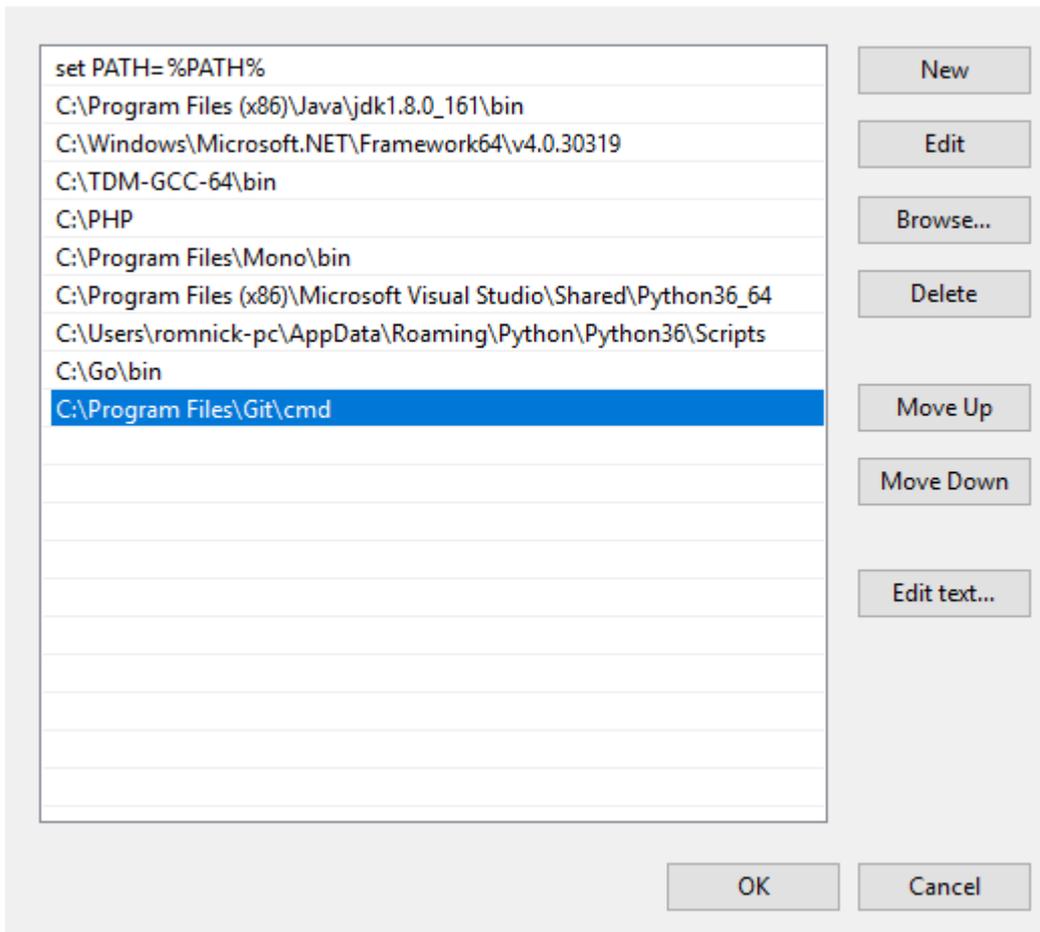
Name	Date modified	Type	Size
AMD	5/23/2018 5:01 PM	File folder	
Application Verifier	5/13/2018 11:36 PM	File folder	
ASUS	5/23/2018 5:01 PM	File folder	
AutoHotkey	6/30/2018 1:35 AM	File folder	
Common Files	5/24/2018 9:25 AM	File folder	
DB Browser for SQLite	8/25/2018 9:38 PM	File folder	
dotnet	5/13/2018 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.



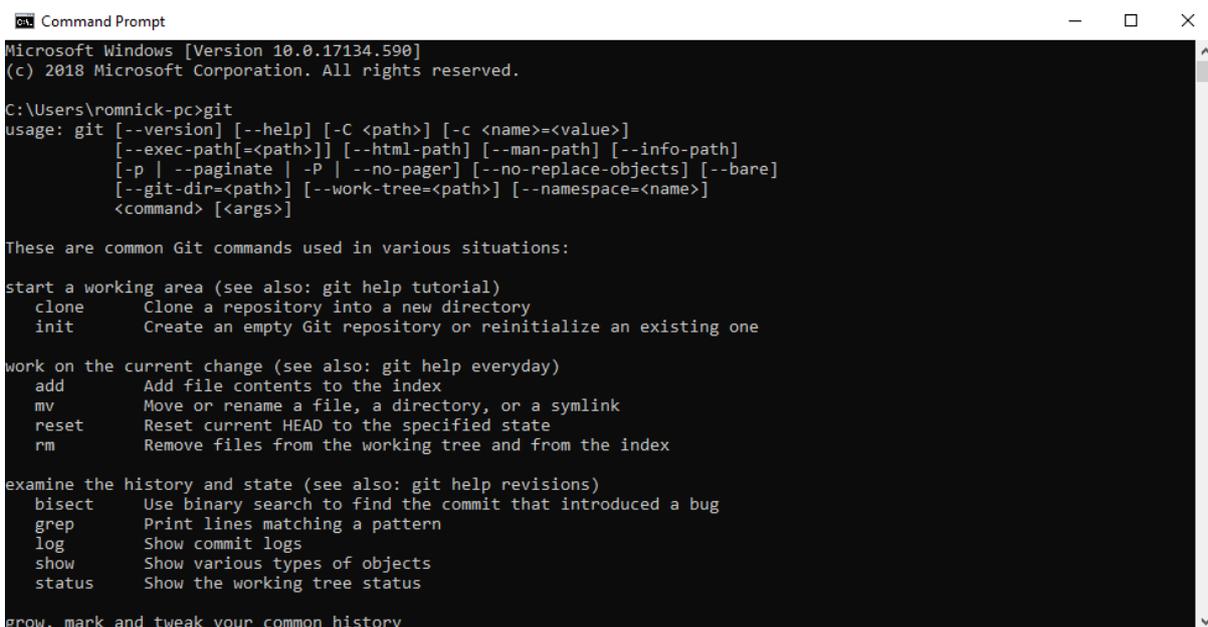
Add C:\Program Files\Git\cmd inside it.

### Edit environment variable



**Note:** Changes made to the environment variable may not apply until the next time you log into your computer.

After restarting, now open Command Prompt and type Git. You should see this result.



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 in C:\Users\yourPCName path.

## Installation

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

If you go to C:/Users/yourPCName/go-work/src/github.com path, you will notice that the uAdmin packages saved in that path.

This PC > Local Disk (C:) > Users > romnick-pc > go-work > src > github.com

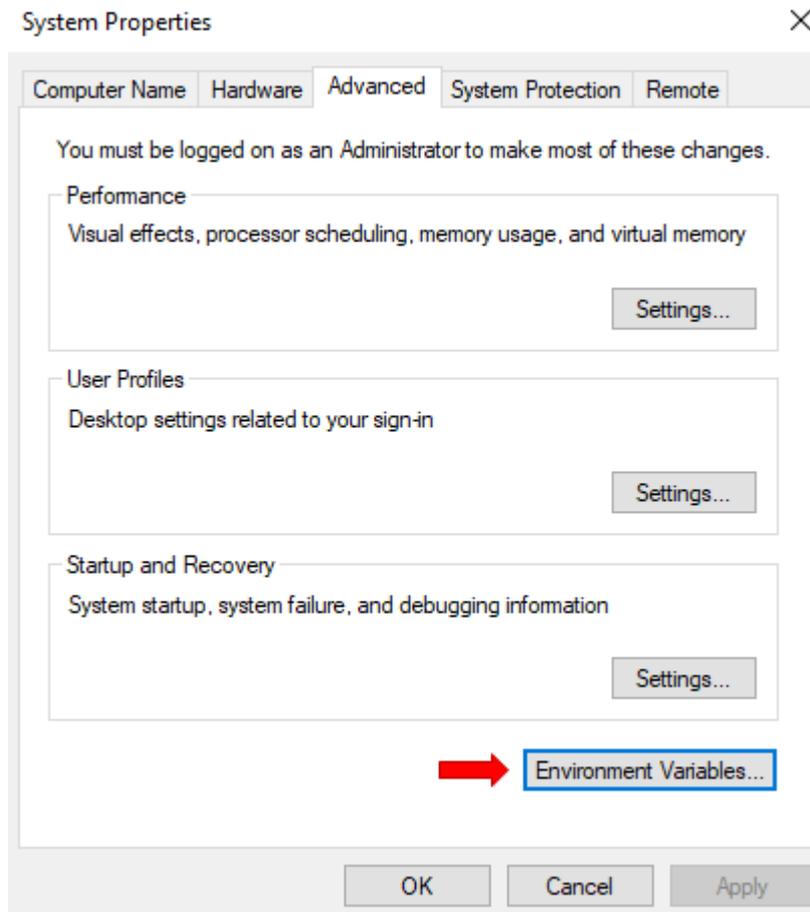
Name	Date modified	Type
boombuler	5/16/2019 10:23 PM	File folder
go-sql-driver	5/16/2019 10:23 PM	File folder
jinzhu	5/16/2019 10:24 PM	File folder
mattn	5/16/2019 10:24 PM	File folder
nfnt	5/16/2019 10:24 PM	File folder
pquerna	5/16/2019 10:24 PM	File folder
tealeg	5/16/2019 10:25 PM	File folder
uadmin	5/16/2019 10:24 PM	File folder

Now go to C:\Users\yourPCName\go-work\bin. Ensure if uadmin.exe is existing on that path. If that file does not exist, go to C:\Go\bin and check that file as well then move it into the go-work\bin path.

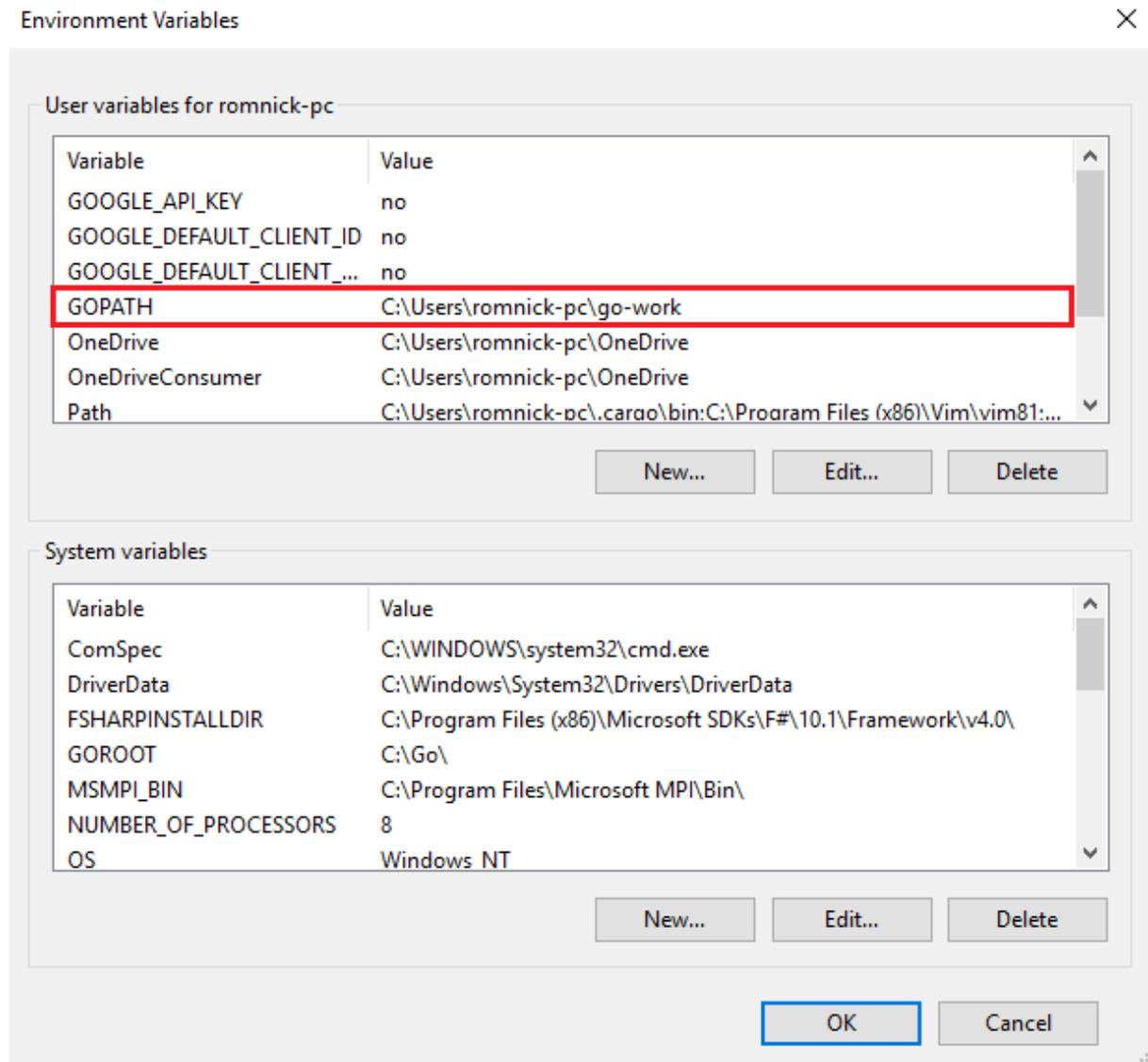
This PC > Local Disk (C:) > Users > romnick-pc > go-work > bin

Name	Date modified	Type	Size
dlv.exe	3/24/2019 10:37 AM	Application	15,884 KB
gocode.exe	3/24/2019 10:36 AM	Application	12,746 KB
gocode-gomod.exe	3/24/2019 10:37 AM	Application	12,162 KB
godef.exe	3/24/2019 10:37 AM	Application	9,468 KB
golint.exe	3/24/2019 10:38 AM	Application	6,407 KB
go-outline.exe	3/24/2019 10:36 AM	Application	4,651 KB
gopkgs.exe	3/24/2019 10:36 AM	Application	5,482 KB
gorename.exe	3/24/2019 10:37 AM	Application	6,380 KB
goreturns.exe	3/24/2019 10:38 AM	Application	8,435 KB
go-symbols.exe	3/24/2019 10:36 AM	Application	4,436 KB
guru.exe	3/24/2019 10:37 AM	Application	9,448 KB
todo.exe	3/9/2019 10:47 PM	Application	26,175 KB
uadmin.exe	3/9/2019 11:45 PM	Application	22,531 KB

Open your Environment Variables once again.



Make sure that your GOPATH set to the go-work folder because this is where uadmin.exe is located inside the bin folder.



**Note:** Changes made to the environment variable may not apply until the next time you log into your computer.

After restarting, open your Command prompt and type the following commands below to install or update uAdmin version. If you are in the C:\Users\yourPCname> directory, follow the instructions below.

```
cd go-work\src\github.com\uadmin\uadmin\cmd\uadmin
```

```
go install
```

```
uadmin
```

```
uadmin version
```

Command Prompt

```
Microsoft Windows [Version 10.0.17763.475]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\romnick-pc>cd go-work\src\github.com\uadmin\uadmin\cmd\uadmin

C:\Users\romnick-pc\go-work\src\github.com\uadmin\uadmin\cmd\uadmin>go install

C:\Users\romnick-pc\go-work\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.readthedocs.io/en/latest/

C:\Users\romnick-pc\go-work\src\github.com\uadmin\uadmin\cmd\uadmin>uadmin version
[ INFO ] 0.1.1

C:\Users\romnick-pc\go-work\src\github.com\uadmin\uadmin\cmd\uadmin>_
```

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