Go

Installing Go

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Free Books:

http://www.golang-book.com/books/intro

https://archive.org/details/TheWayToGo

https://github.com/dariubs/GoBooks

Ask questions!

https://forum.golangbridge.org/

https://stackoverflow.com/

GO Language Specifications

https://golang.org/ref/spec

https://golang.org/doc/effective_go.html

https://play.golang.org/

https://play.golang.org/p/HmnNoBf0p1z https://play.golang.org/p/DZvPECVI_RS https://play.golang.org/p/RIGj7yBKTKW https://play.golang.org/p/vuTD-E59Rb5 https://play.golang.org/p/iLK98yOFNRn https://play.golang.org/p/4NH1BiWNoHf https://play.golang.org/p/jW-10tKtrrr https://play.golang.org/p/D0Sxev J i

download

https://golang.org/dl/

go1.13.6 *

File name	Kind	os	Arch	Size	SHA256 Checksum
go1.13.6.src.tar.gz	Source			21MB	aae5be954bdc40bcf8006eb77e8d8a5dde412722bc8effcdaf9772620d06420c
go1.13.6.darwin-amd64.tar.gz	Archive	macOS	x86-64	116MB	1ee0dc6a7abf389dac898cbe27e28c4388a61e45cba2632c01d749e25003007f
go1.13.6.darwin-amd64.pkg	Installer	macOS	x86-64	116MB	8e12e0f4859ab8b41c6d712c09f9e925c849d2599a2a752e506cea78c3ee668f
go1.13.6.linux-386.tar.gz	Archive	Linux	x86	97MB	27feb013106da784f09e560720aa41ab395c67f7eed4c4a0fce04bc6e3d01c7d
go1.13.6.linux-amd64.tar.gz	Archive	Linux	x86-64	115MB	a1bc06deb070155c4f67c579f896a45eeda5a8fa54f35ba233304074c4abbbbd
go1.13.6.linux-armv6l.tar.gz	Archive	Linux	ARMv6	94MB	37a1a83e363dcf146a67fa839d170fd1afb13009585fdd493d0a3370fbe6f785
go1.13.6.windows-386.zip	Archive	Windows	x86	109MB	6b1595d3b5b5fbdbaf6031502d90a694d1e7ae297433fc01c6c48fe8bc987495
go1.13.6.windows-386.msi	Installer	Windows	x86	96MB	b77a27f81eaed909d7489d01b4b8d6f18790460bcf2c08a8e47a0e0d4bc72fbd
go1.13.6.windows-amd64.zip	Archive	Windows	x86-64	128MB	66eae07e03310b67d279701028ba8dc6948cd0acdc6fbe21c22bfa9a2bc48884
go1.13.6.windows-amd64.msi	Installer	Windows	x86-64	112MB	d984e25667e4816978c3d0ad349f621cf2e32cde812bee33c002a461f6e9b194

doing the checksum on windows cmd:

C:\>certutil -hashfile c:\users\user\downloads\go1.13.6.windows-amd64.msi SHA256

CertUtil: -hashfile command completed successfully.

d984e25667e4816978c3d0ad349f621cf2e32cde812bee33c002a461f6e9b194

SHA256 hash of c:\users\user\downloads\go1.13.6.windows-amd64.msi:

C:\>certutil -hashfile c:\users\user\downloads\go1.13.6.windows-amd64.msi SHA256

Double click on Go installer and follow the

steps and finish installation



Welcome to the Go Programming Language amd64 go1.17.3 Setup Wizard

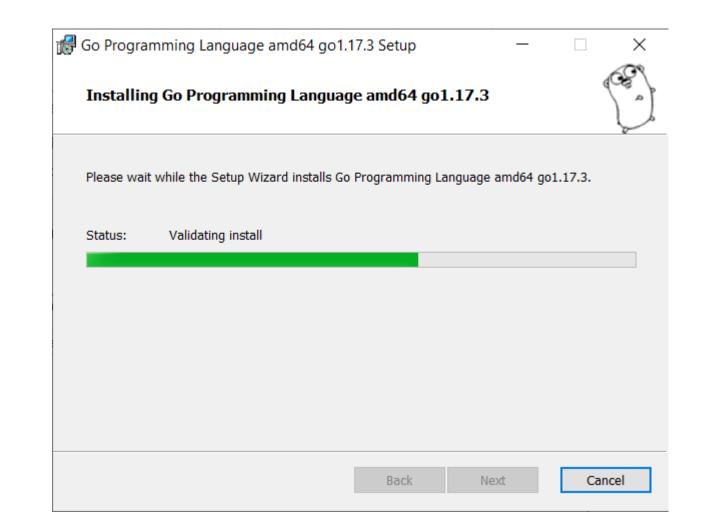
The Setup Wizard will install Go Programming Language amd64 go1.17.3 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.

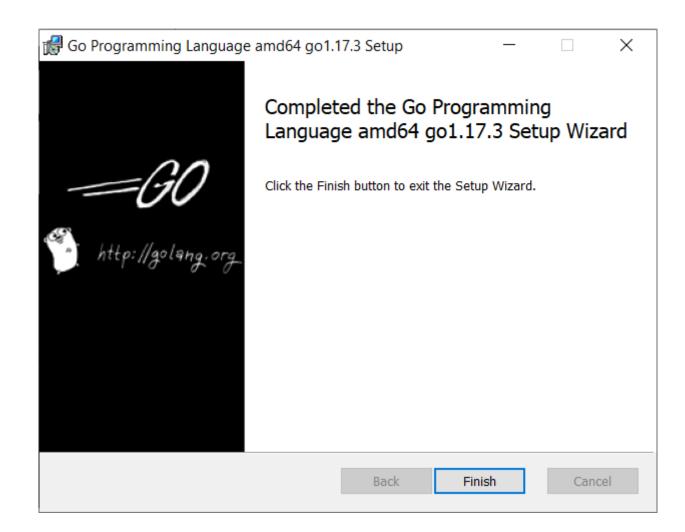
Next

Back

Cancel

Go Programming Language amd6			-
Destination Folder			€ C
Click Next to install to the default fold	ler or click Change to cho	ose another.)
Install Go Programming Language amo	d64 go1.17.3 to:		
C:\Program Files\Go\			
Change			





test install

go version

Microsoft Windows [Version 10.0.19043.1348]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>go version
go version go1.17.3 windows/amd64

C:\Users\User>_

"go" commands

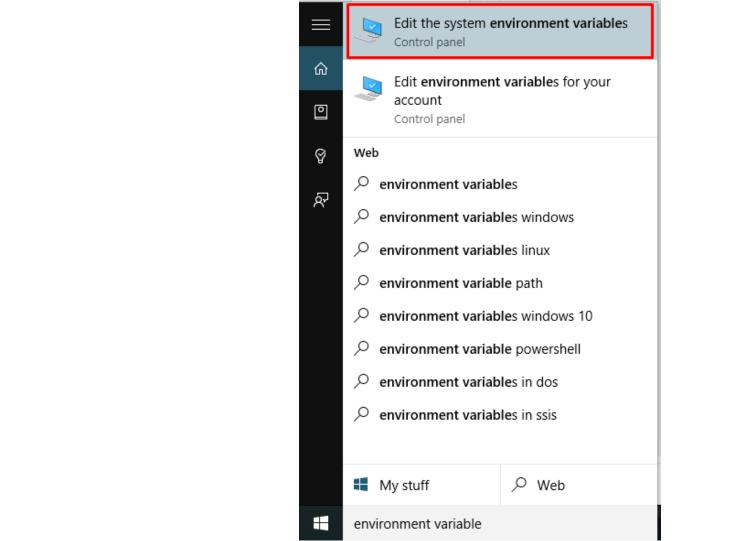
https://golang.org/cmd/go/

Usage: go <command> [arguments] The commands are:

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

GOROOT

must point to golang source code



OK

Cancel

Apply

%SYSTEMROOT%\System32\OpenSSH\	^	New		
C:\Program Files\dotnet\				
C:\cmake-3.16.0-rc3-win64-x64\bin		Edit		
C:\ProgramData\chocolatey\bin				
C:\Program Files\Java\jre1.8.0_271\bin		Browse Delete		
C:\Program Files (x86)\dotnet\				
C:\Program Files (x86)\Microsoft SQL Server\150\Tools\Binn\				
C:\Program Files\Microsoft SQL Server\150\Tools\Binn\				
C:\Program Files (x86)\Microsoft SQL Server\150\DTS\Binn\				
C:\Program Files\Microsoft SQL Server\150\DTS\Binn\		Move Up		
C:\Program Files\Microsoft SQL Server\Client SDK\ODBC\170		Wove op		
C:\Program Files\Azure Data Studio\bin		Move Down		
C:\Program Files\Git\cmd		Wove Down		
C:\Program Files\PostgreSQL\10\bin				
C:\Program Files\Docker\Docker\resources\bin		Edit tout		
C:\ProgramData\DockerDesktop\version-bin		Edit text		
C:\sqlite-tools-win32-x86-3360000				
C:\Program Files\nodejs\				
C:\MinGW				

How to setup Golang with VSCode

https://dev.to/ko31/how-to-setup-golang-with-vscode-1i4i

GoLand from Jetbrain is great. It let you 1 month trial version.

https://www.jetbrains.com/go/promo/?source=google&medium=cpc&c ampaign=10156131275&gclid=CjwKCAiAvriMBhAuEiwA8Cs5lWfBwoyFDL1okro4EdV_YNnnt9hL_s7JVTlhKtrO1ZpwuzQBjbQXxoCd14QAvD_BwE