Installation and Use

Thursday, July 7, 2022 5:20 PM

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Configuration Management tools

GIT --> Local repository(Configuration Mangement tool)
GITHUB --> Remote rtepository
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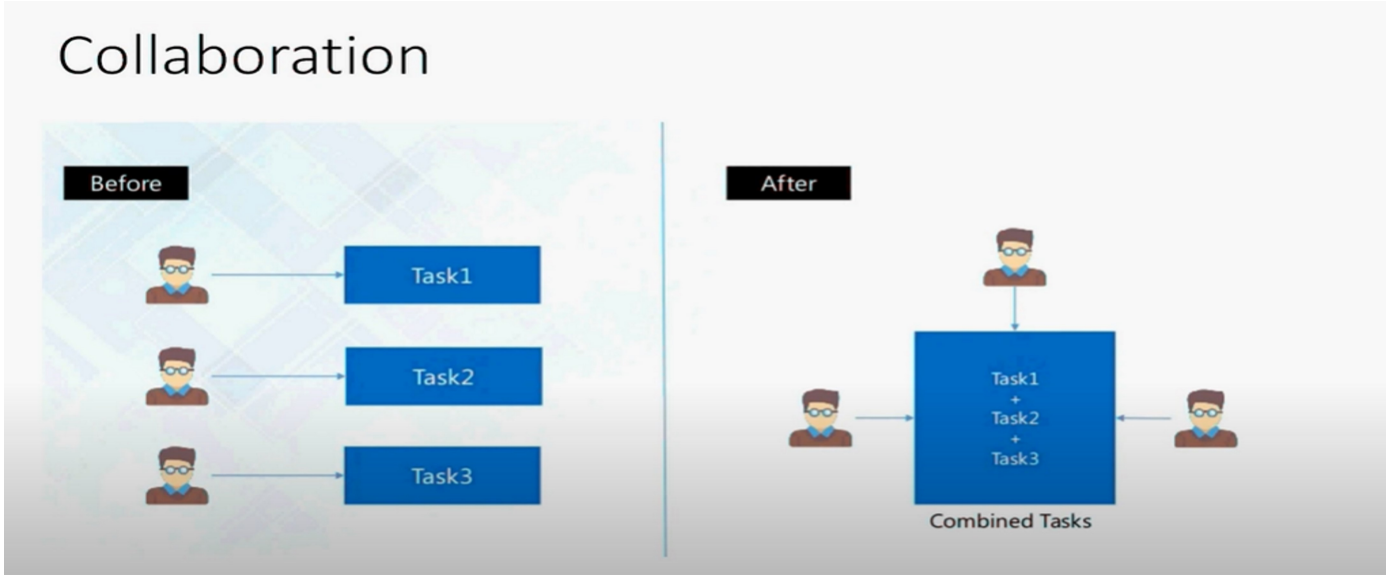
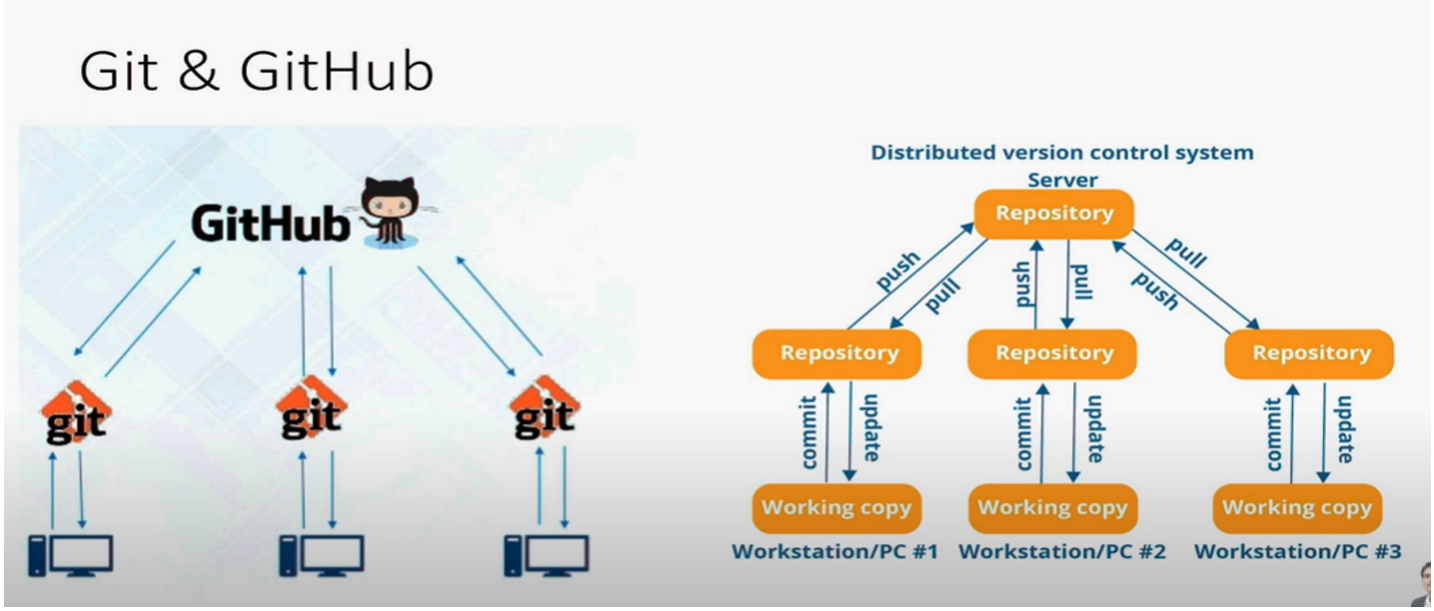
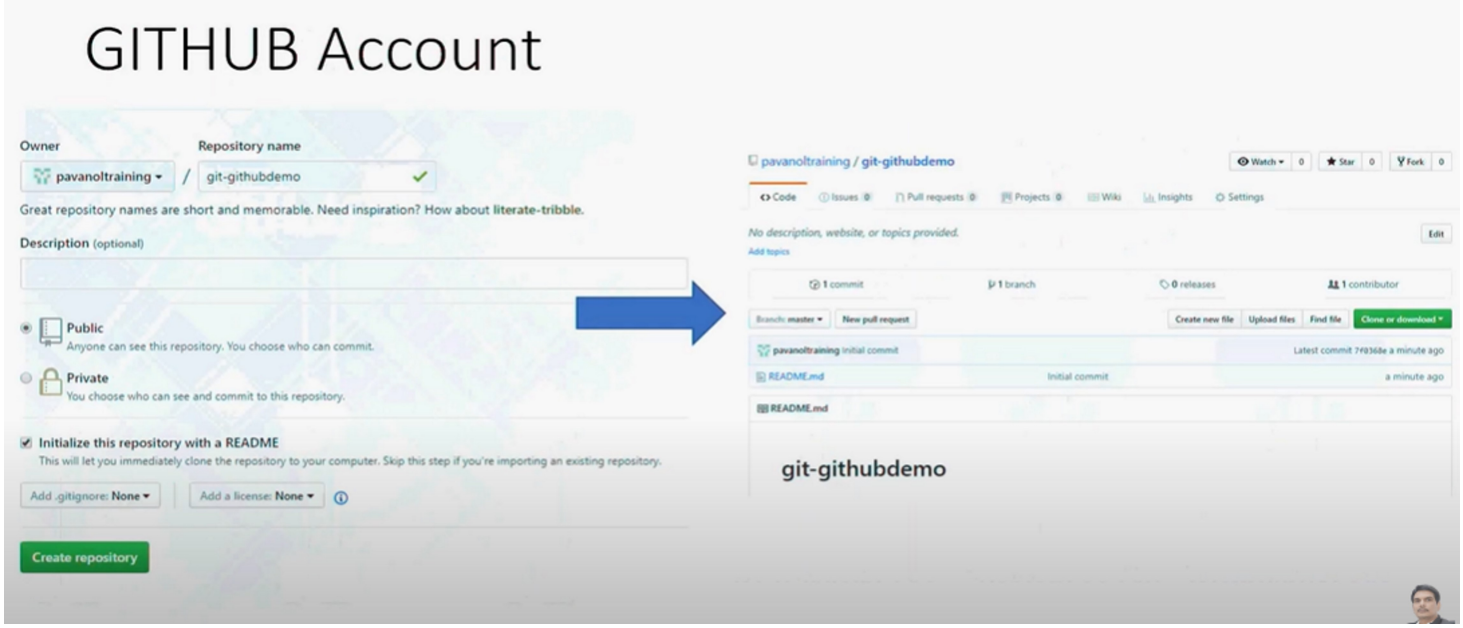
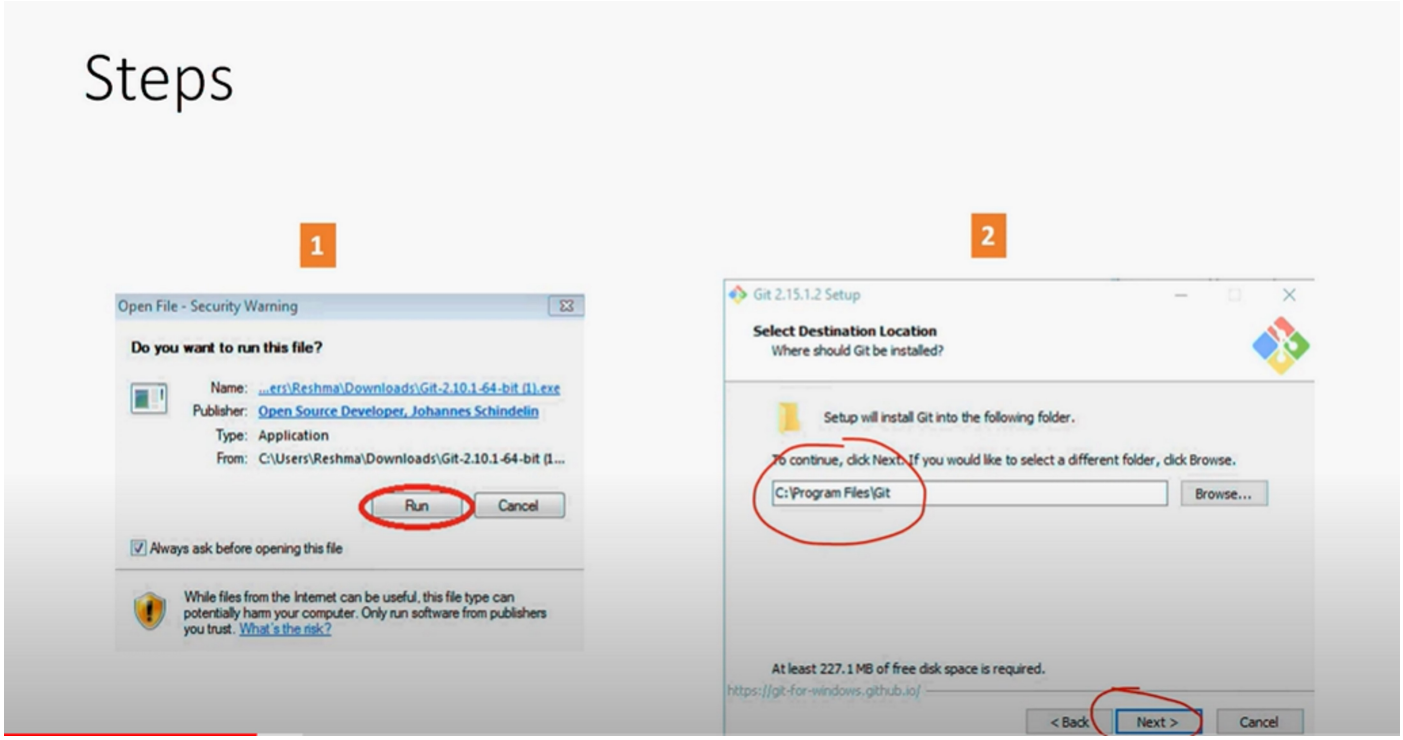




- Create the account on the github.
- Remember the user id and password for the github (it will help in the making login in the git.)
- Click on make a new project to make the new repo.
- Project will gets open.
- Go to the project and see the url of the project which is .git



Downloading the Git now.



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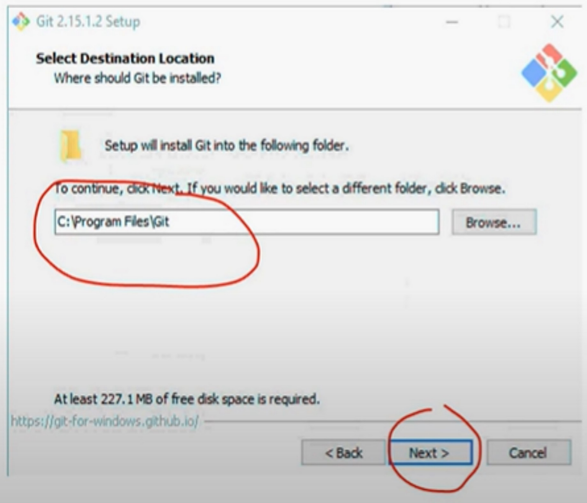
Git 2.15.1.2 Setup
Select Destination Location
Where should Git be installed?
Setup will install Git into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\Git
Browse...
At least 227.1 MB of free disk space is required.
https://git-for-windows.github.io/
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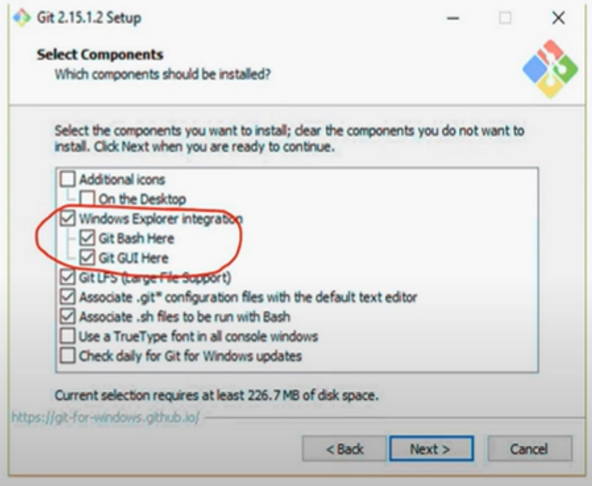
Git 2.15.1.2 Setup
Select Components
Which components should be installed?
Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
Additional icons
On the Desktop
Windows Explorer integration
Git Bash Here
Git GUI Here
Git LFS (Large File Support)
Associate .git* configuration files with the default text editor
Associate .sh files to be run with Bash
Use a TrueType font in all console windows
Check daily for Git for Windows updates
Current selection requires at least 226.7 MB of disk space.
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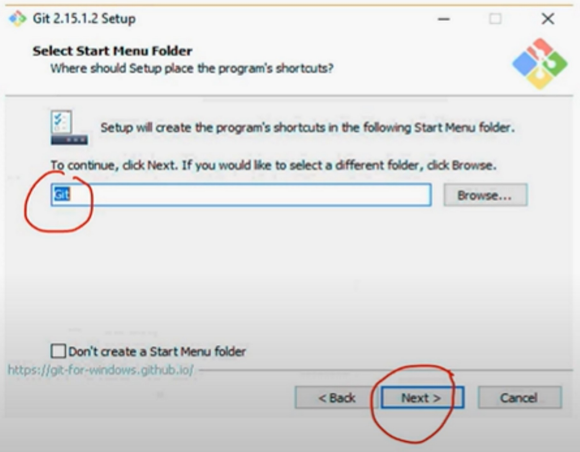
Git 2.15.1.2 Setup
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
Browse...
Don't create a Start Menu folder
https://git-for-windows.github.io/
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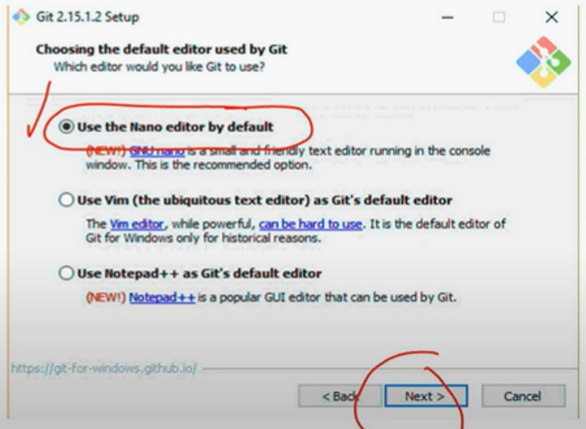
Git 2.15.1.2 Setup
Choosing the default editor used by Git
Which editor would you like Git to use?
Use the Nano editor by default
(NEW!) GNU nano is a small and friendly text editor running in the console window. This is the recommended option.
Use Vim (the ubiquitous text editor) as Git's default editor
The Vim editor, while powerful, can be hard to use. It is the default editor of Git for Windows only for historical reasons.
Use Notepad++ as Git's default editor
(NEW!) Notepad++ is a popular GUI editor that can be used by Git.
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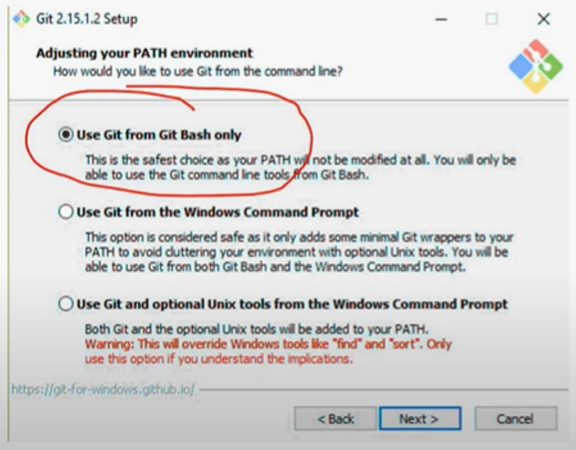
Git 2.15.1.2 Setup
Adjusting your PATH environment
How would you like to use Git from the command line?
Use Git from Git Bash only
This is the safest choice as your PATH will not be modified at all. You will only be able to use the Git command line tools from Git Bash.
Use Git from the Windows Command Prompt
This option is considered safe as it only adds some minimal Git wrappers to your PATH to avoid cluttering your environment with optional Unix tools. You will be able to use Git from both Git Bash and the Windows Command Prompt.
Use Git and optional Unix tools from the Windows Command Prompt
Both Git and the optional Unix tools will be added to your PATH.
Warning: This will override Windows tools like "find" and "sort". Only use this option if you understand the implications.
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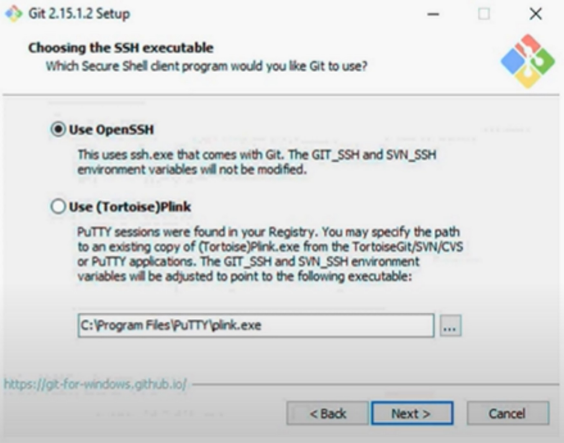
Git 2.15.1.2 Setup
Choosing the SSH executable
Which Secure Shell client program would you like Git to use?
Use OpenSSH
This uses ssh.exe that comes with Git. The GIT_SSH and SVN_SSH environment variables will not be modified.
Use (Tortoise)Plink
PuTTY sessions were found in your Registry. You may specify the path to an existing copy of (Tortoise)Plink.exe from the TortoiseGit/SVN/CVS or PuTTY applications. The GIT_SSH and SVN_SSH environment variables will be adjusted to point to the following executable:
C:\Program Files\PuTTY\plink.exe
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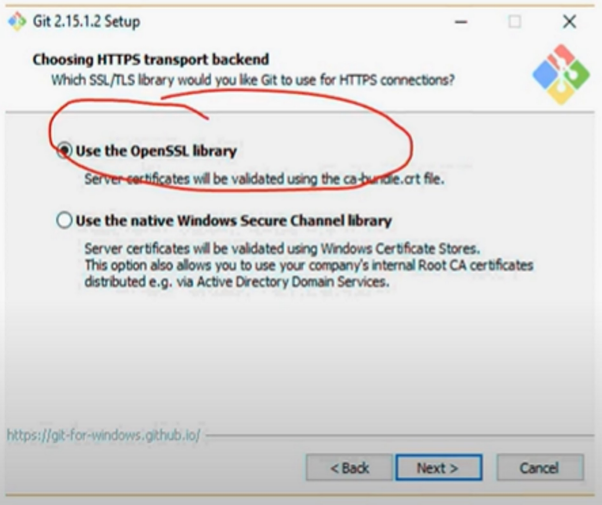
Git 2.15.1.2 Setup
Choosing HTTPS transport backend
Which SSL/TLS library would you like Git to use for HTTPS connections?
Use the OpenSSL library
Server certificates will be validated using the ca-bundle.crt file.
Use the native Windows Secure Channel library
Server certificates will be validated using Windows Certificate Stores.
This option also allows you to use your company's internal Root CA certificates distributed e.g. via Active Directory Domain Services.
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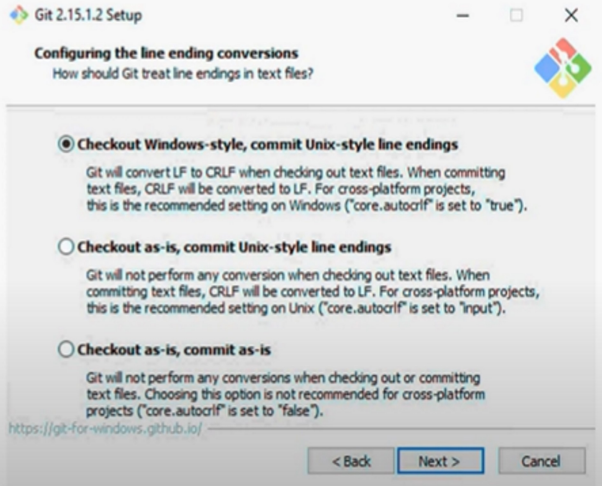
Git 2.15.1.2 Setup
Configuring the line ending conversions
How should Git treat line endings in text files?
Checkout Windows-style, commit Unix-style line endings
Git will convert LF to CRLF when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Windows ("core.autocrlf" is set to "true").
Checkout as-is, commit Unix-style line endings
Git will not perform any conversion when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Unix ("core.autocrlf" is set to "input").
Checkout as-is, commit as-is
Git will not perform any conversions when checking out or committing text files. Choosing this option is not recommended for cross-platform projects ("core.autocrlf" is set to "false").
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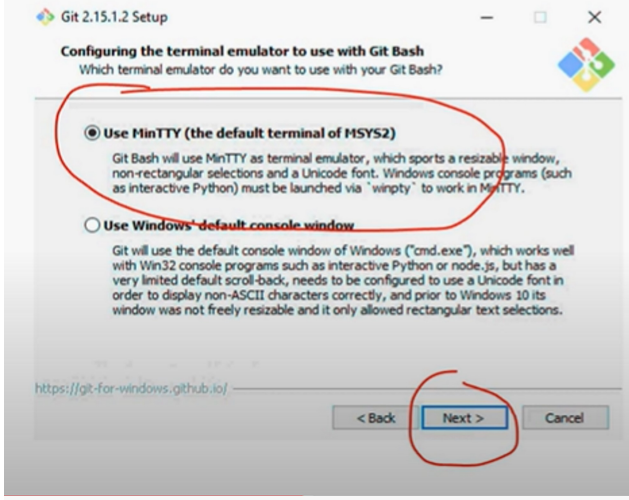

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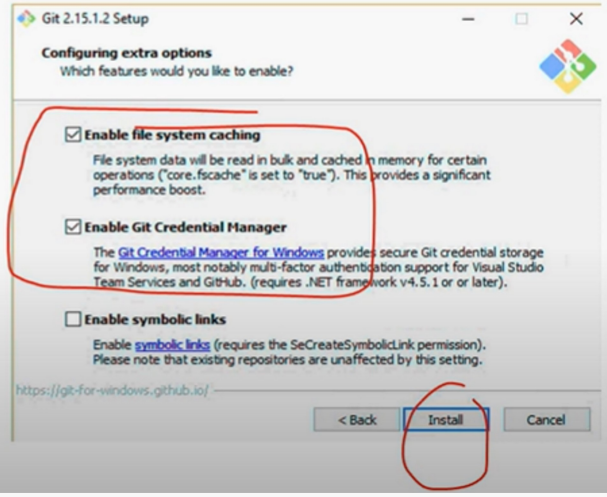

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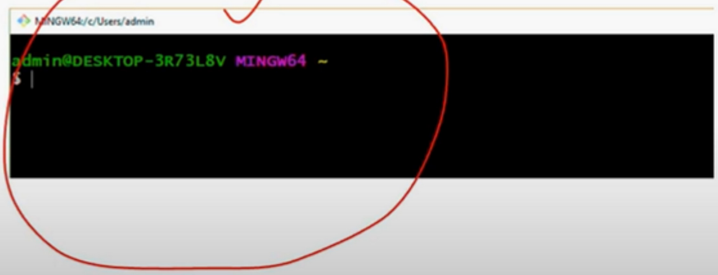
This will launch Git Bash on your screen which looks like the snapshot below: