

GitBash Installation on Desktop

Estimated time: 20 minutes

What is Git Bash?

Git Bash for Windows is simply a package that includes both *Git* and *Bash*.

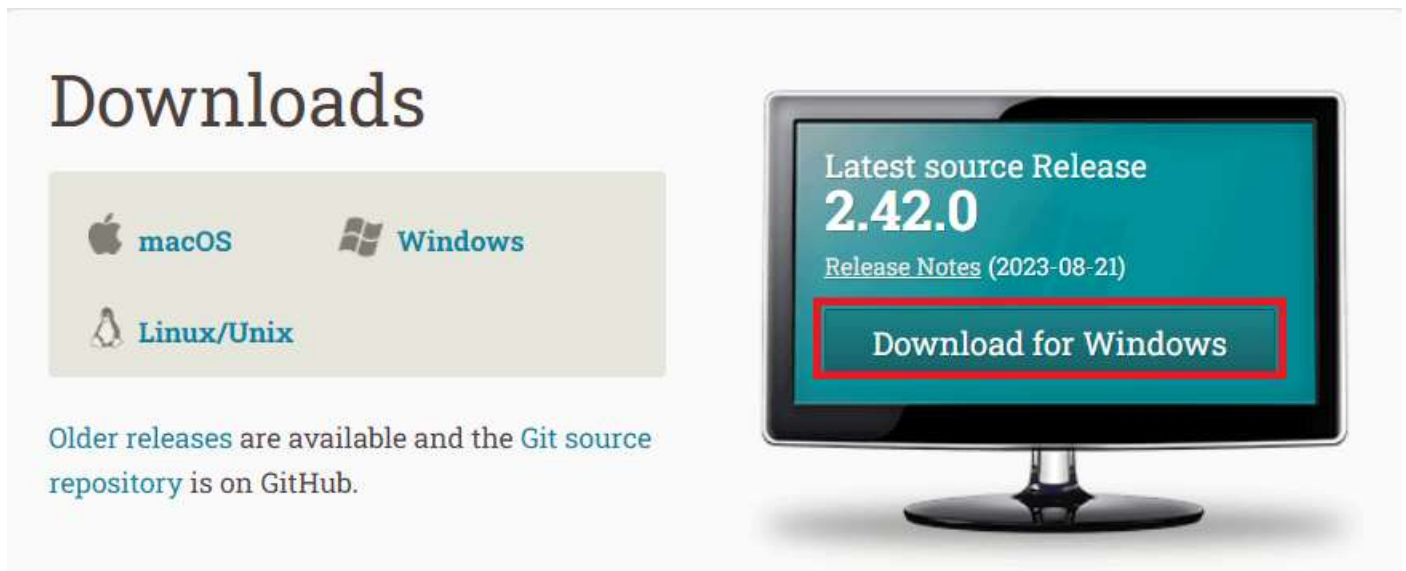
Git is an open-source version control system for tracking source code changes when developing software. It keeps a commit history that allows you to revert to a stable state in case you make errors in your code. Git also enables multiple developers to collaborate on the same code base.

Bash is a Unix command-line shell. The name is an acronym for *Bourne-Again Shell*. It comes with useful Unix commands like `cat`, `ssh`, `SCP`, etc., which are not usually found on Windows.

Installing Git Bash for Windows

To install Git Bash for Windows on your local system, complete the following steps:

1. Go to the [Git download page](#). Click **Download for Windows**, as shown in the following image:



You will be redirected to a new page, and you can select the Windows Installer as per the system configuration.

Download for Windows

[Click here to download](#) the latest (2.42.0) **64-bit** version of **Git for Windows**. This is the most recent [maintained build](#). It was released **about 1 month ago**, on 2023-08-30.

Other Git for Windows downloads

Standalone Installer

[32-bit Git for Windows Setup.](#)

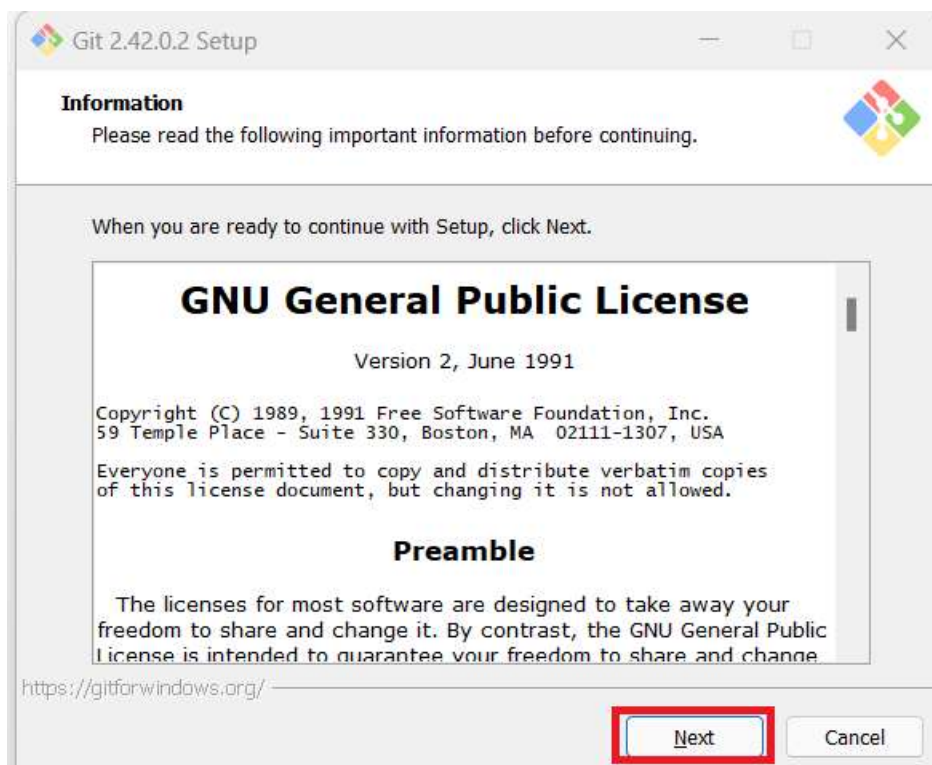
[64-bit Git for Windows Setup.](#)

Portable ("thumbdrive edition")

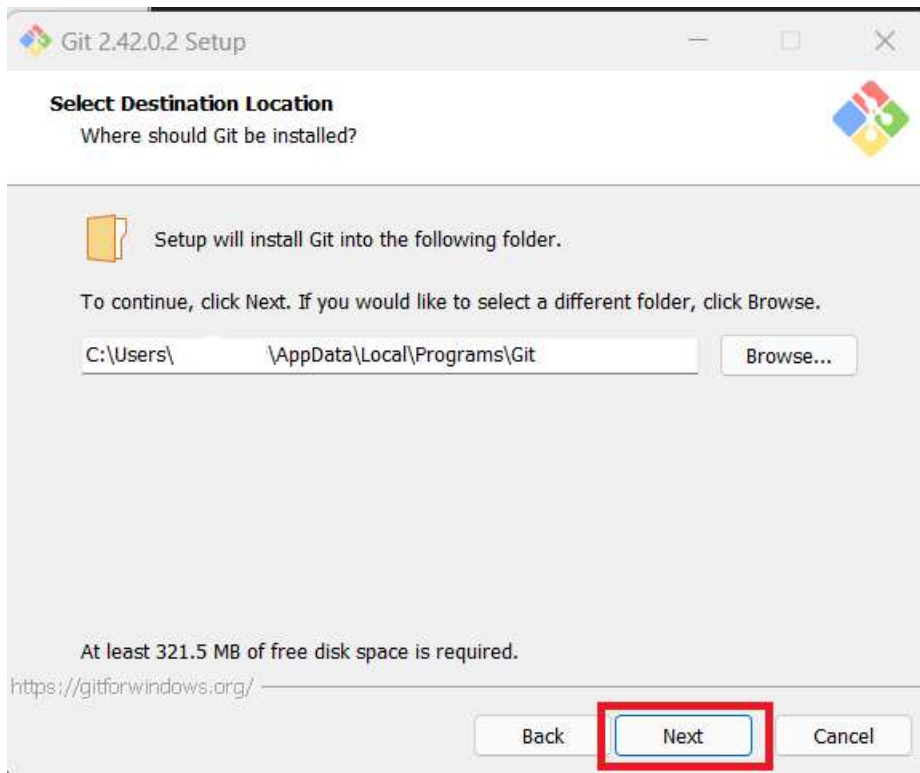
[32-bit Git for Windows Portable.](#)

[64-bit Git for Windows Portable.](#)

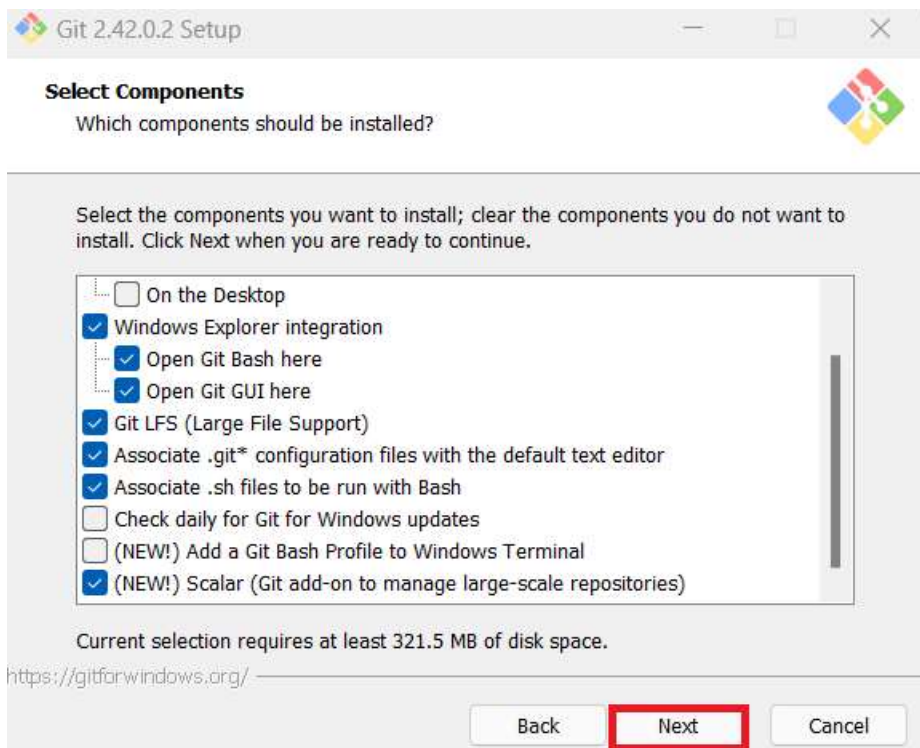
2. Navigate to the directory where the file has been downloaded, typically the default Downloads folder, and then double-click to open it.
3. Click **Next** to begin the installation.



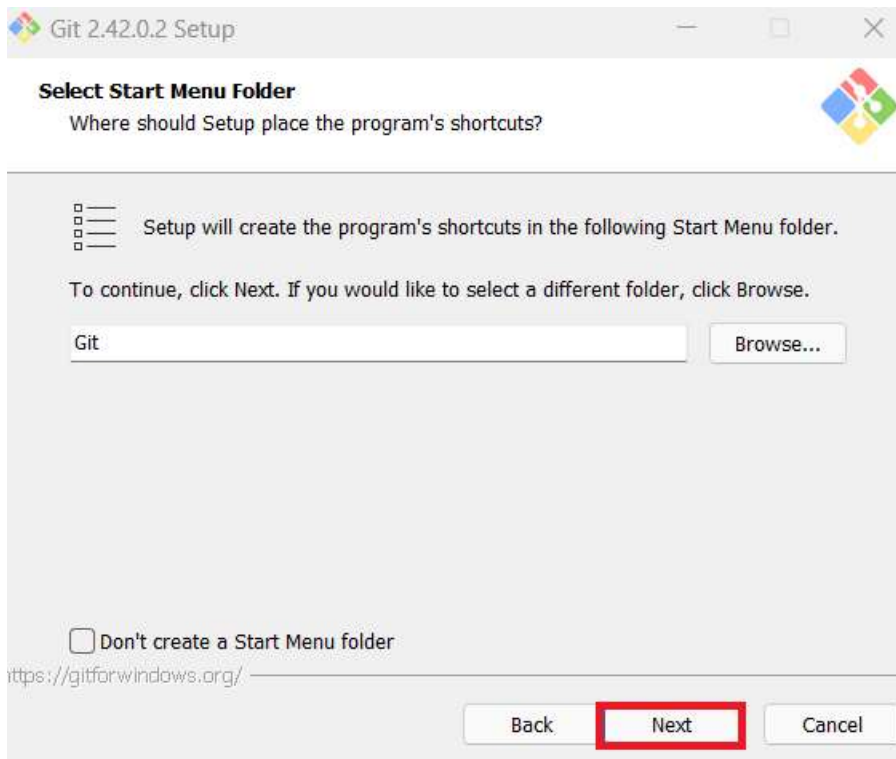
4. Select the location where you want to install Git Bash. **Note:** It's recommended that you simply install in the default location. Click **Next**.



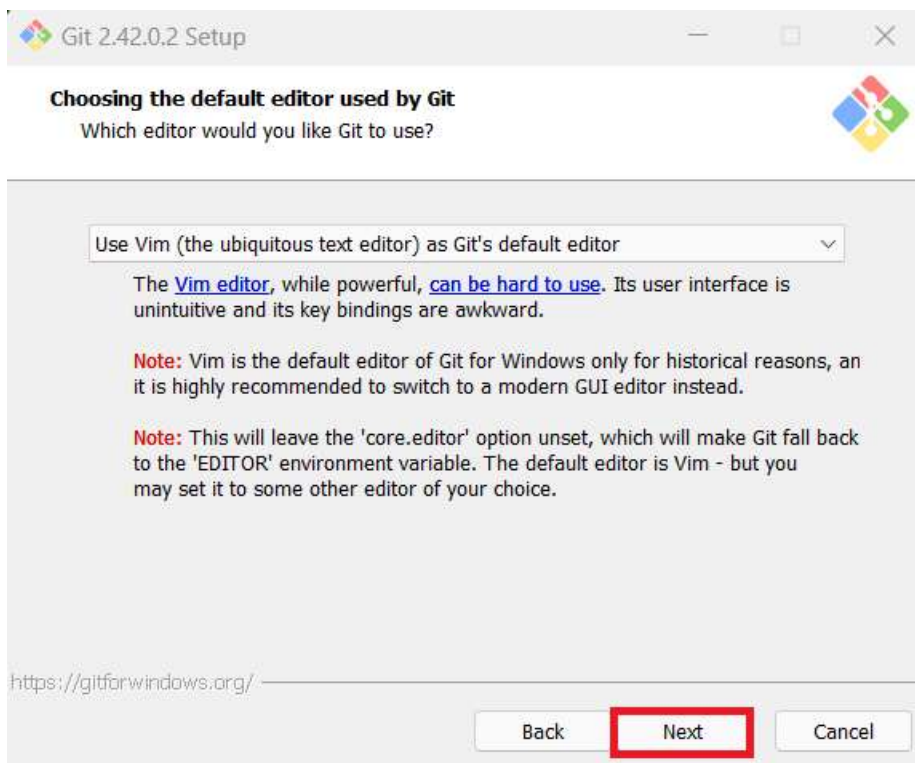
5. Choose the components you want to install, or simply leave the default options selected. Click **Next**.



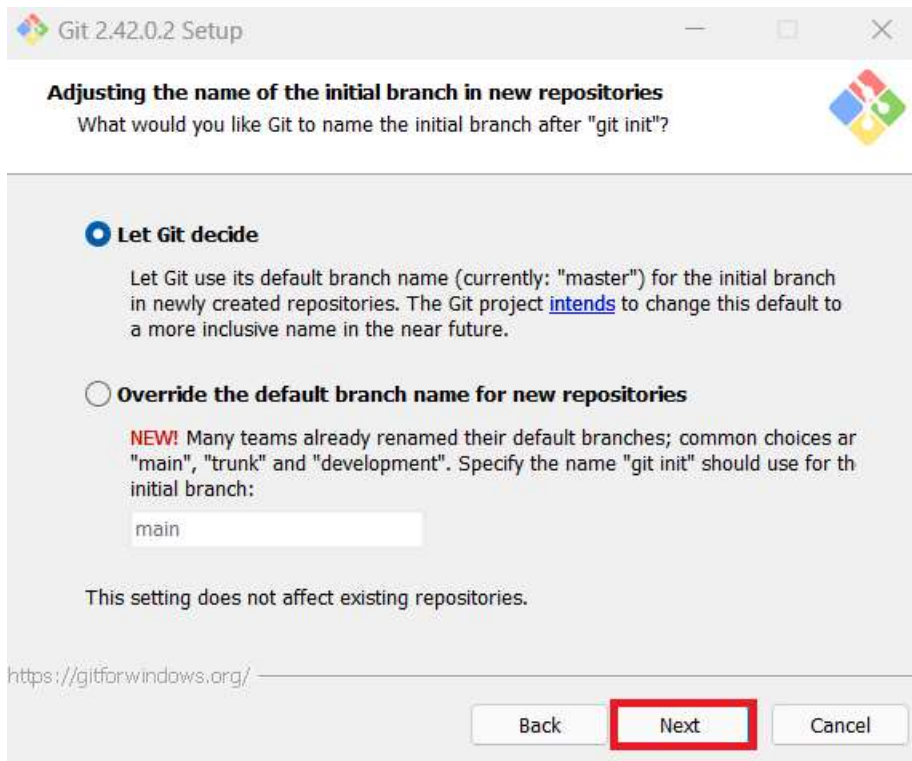
6. You can change the name of the start menu folder or simply leave the default name as is. Click **Next**.



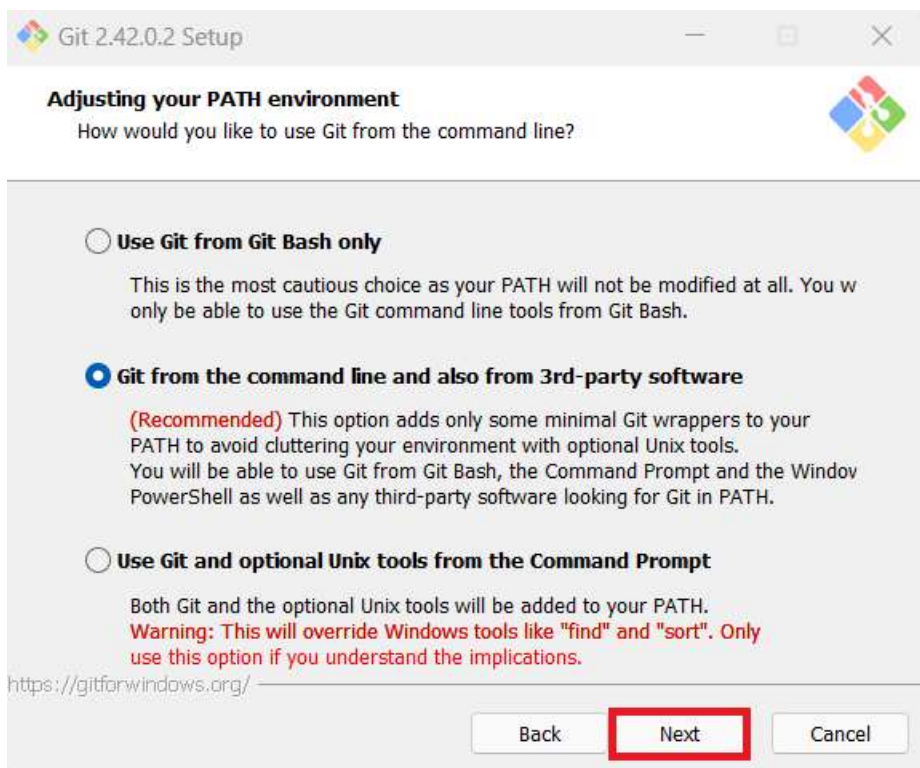
7. Select the default editor for Git to use. Click **Next**.



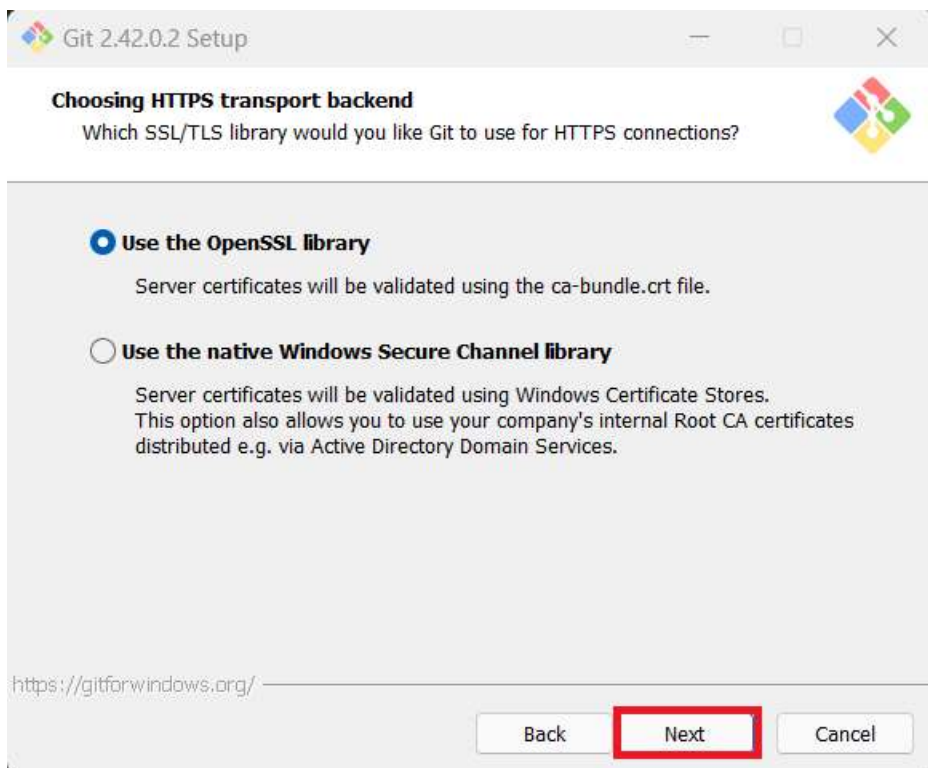
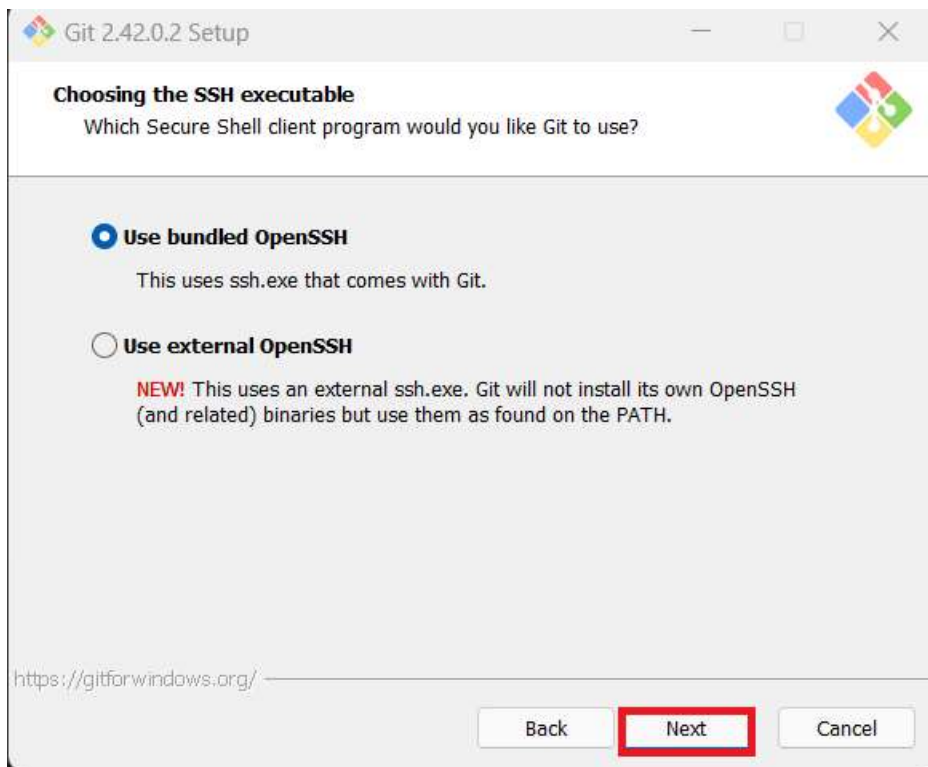
Click **Next** and let Git decide.



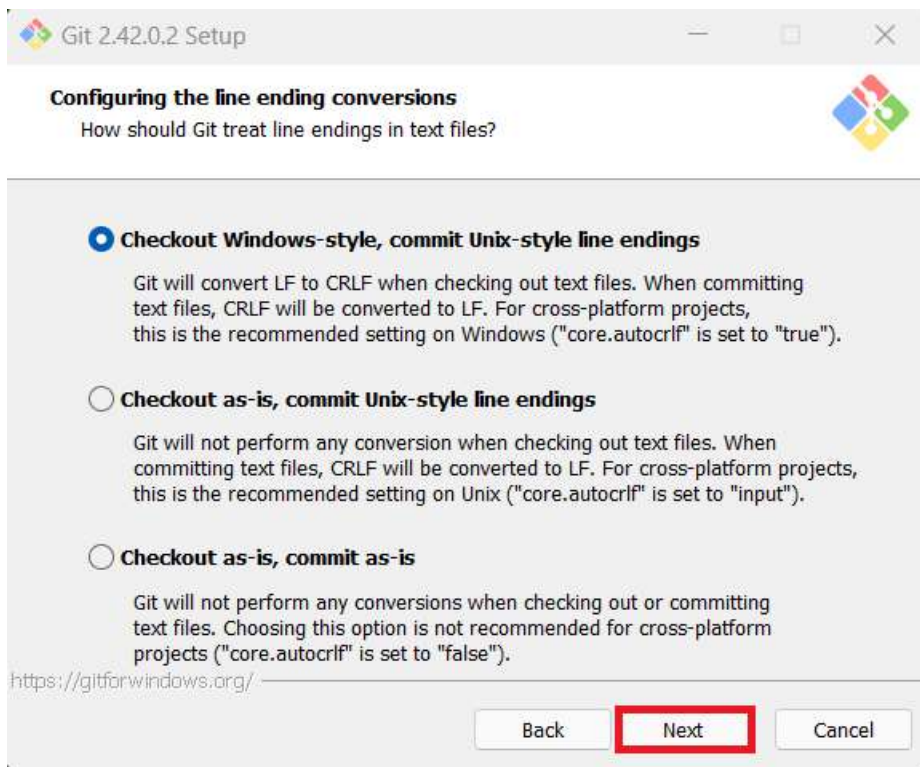
8. Choose how you want to use Git from the command line. Click **Next**.



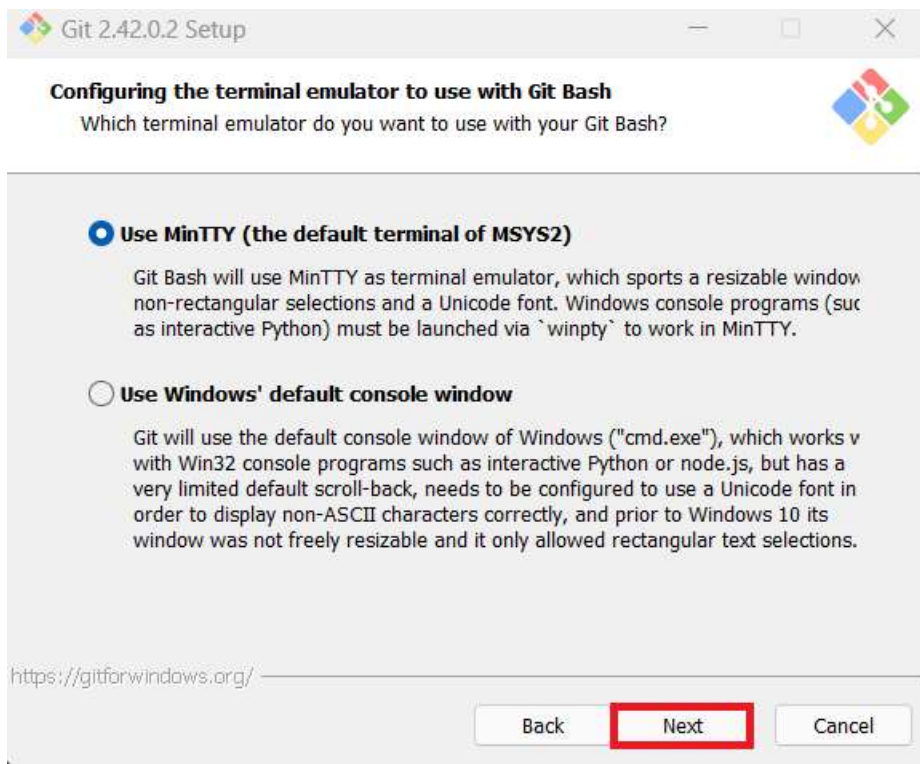
9. Select **Use bundled openSSH** and **Use the OpenSSL library**. Click **Next**.



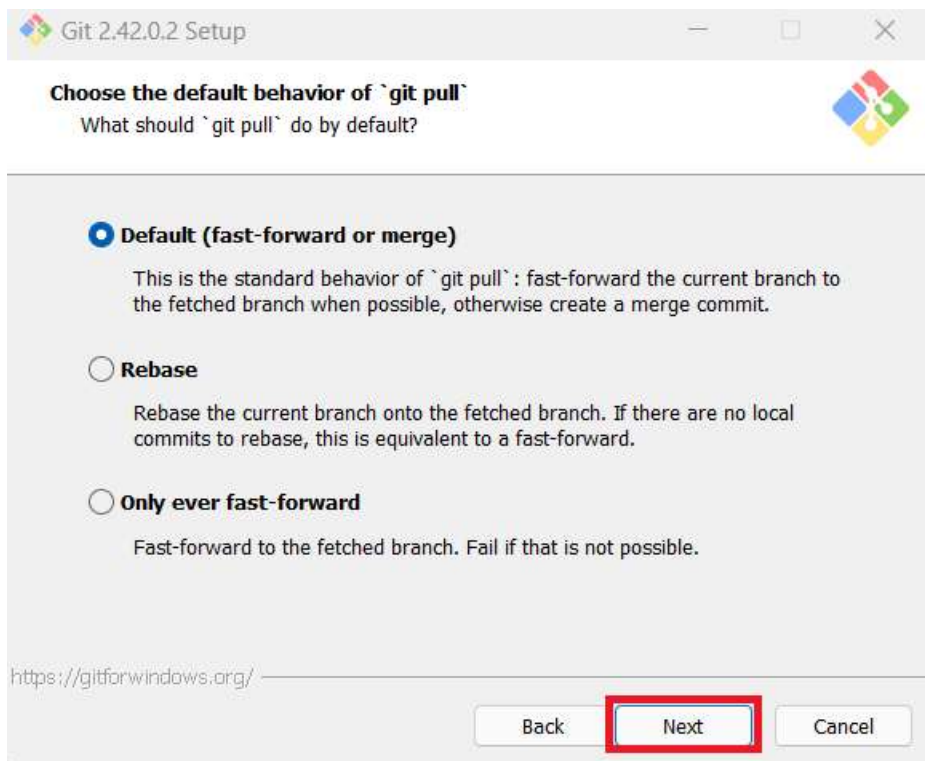
10. Configure your line ending conversions for Windows by selecting the default option, **Checkout Windows-style, commit Unix-style line endings**. Click **Next**.



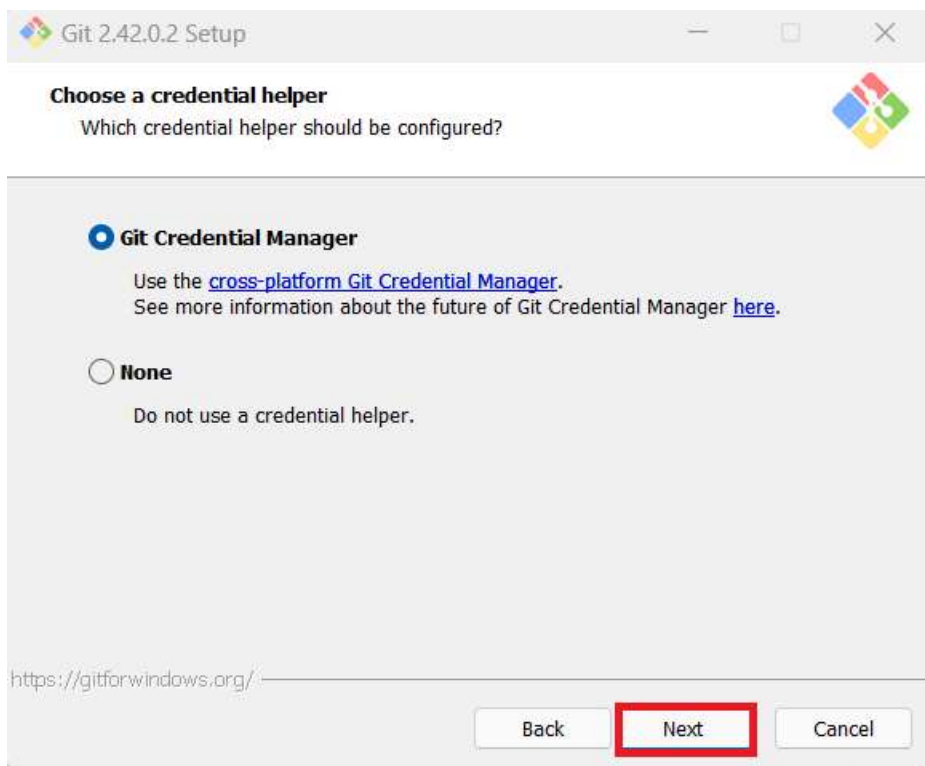
11. Configure your terminal emulator to use with Git Bash by selecting the default option, **Use MinTTY (the default terminal of MSYS2)**. Click **Next**.



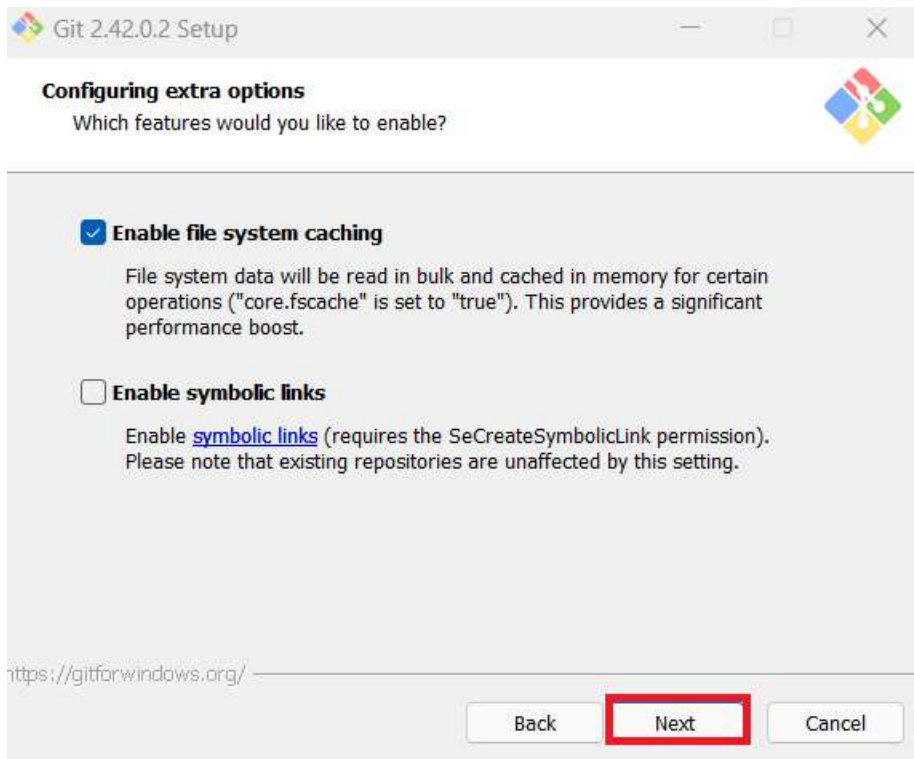
12. Configure the default behavior for a `git pull` by selecting **Default (fast-forward or merge)**. Click **Next**.



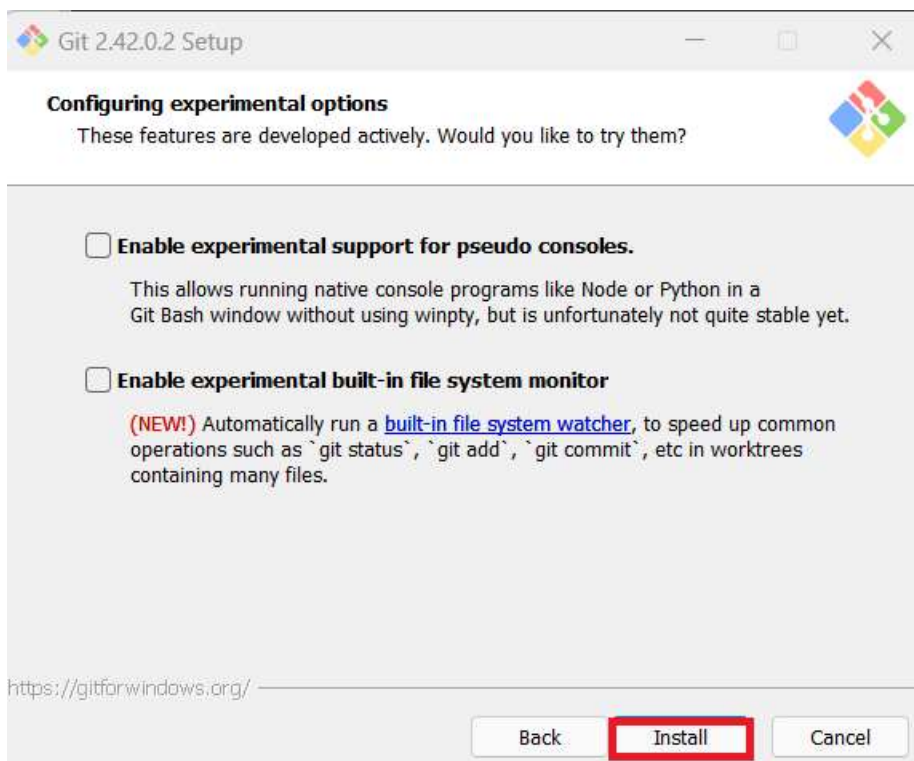
13. Choose a Git Credential Manager. Click Next.



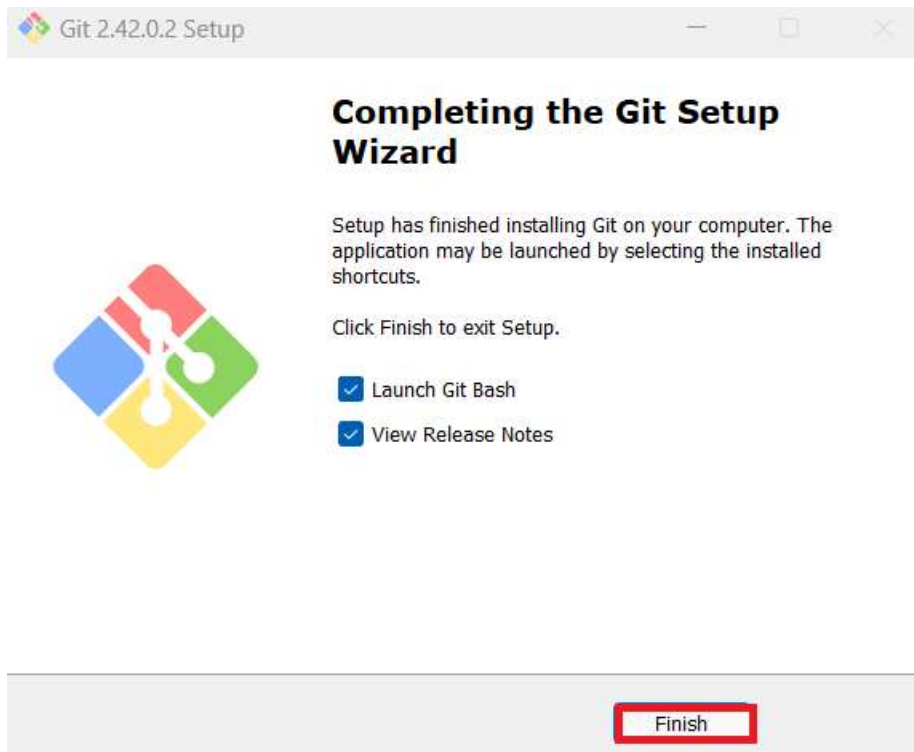
14. Select any additional options you want to install. (The default option is sufficient to use Git Bash successfully.) Click Next.



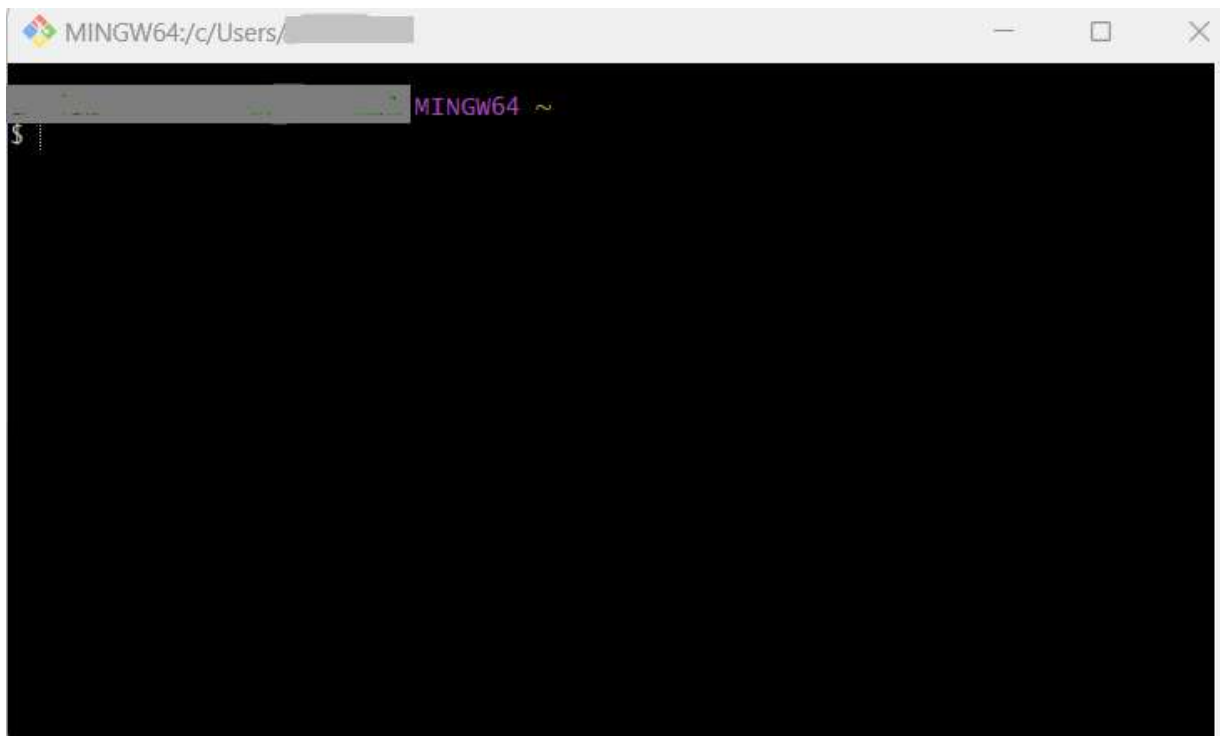
15. You can enable experimental options if you choose to. By enabling these options, you will be able to try newer features that are still being developed. However, you do not have to select any experimental options to use Git Bash. Click **Install** to complete the installation with the options you have chosen. The installation runs, and when complete, a Completing the Git Setup Wizard window opens.



16. Leave the checkboxes selected and click **Next**.



The Git Bash terminal opens. You are now able to enter Git and Bash commands.



Summary

Congratulations! You have now successfully installed and launched Git Bash for Windows.

Tutorial details

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