

Computer Systems and Software - Git

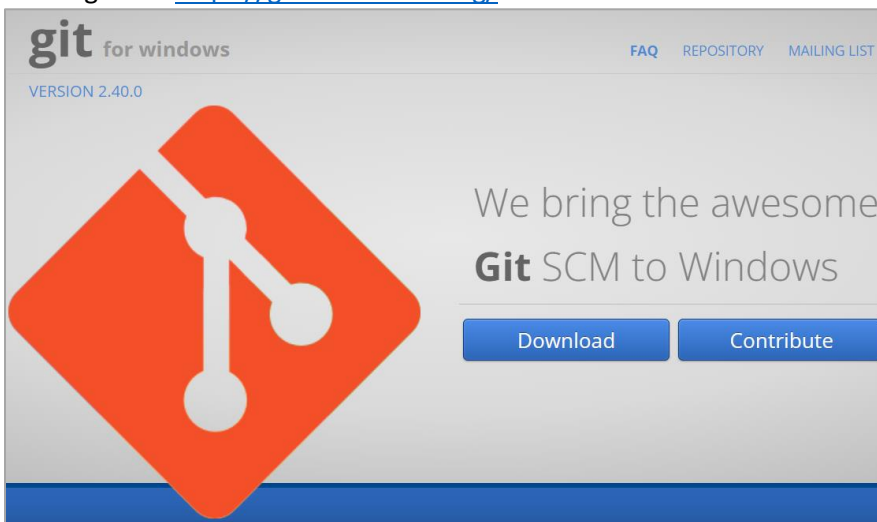
1. What is it and why you need it

Git is a distributed **version control system** that allows developers to track changes in their code and collaborate with others. It is platform-agnostic and can be used on various operating systems, including Windows, macOS, and Linux. It is a useful tool for enhancing testers' efficiency and collaboration by providing version control and traceability for test artifacts, facilitating teamwork and streamlining the testing process.

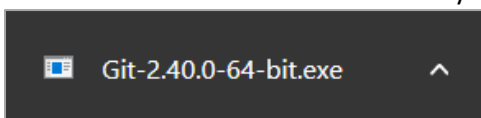
Git for Windows, is a specific distribution of Git that is tailored to work seamlessly on the Windows operating system.

2. How to install

1. Navigate to <https://gitforwindows.org/> and click **Download**



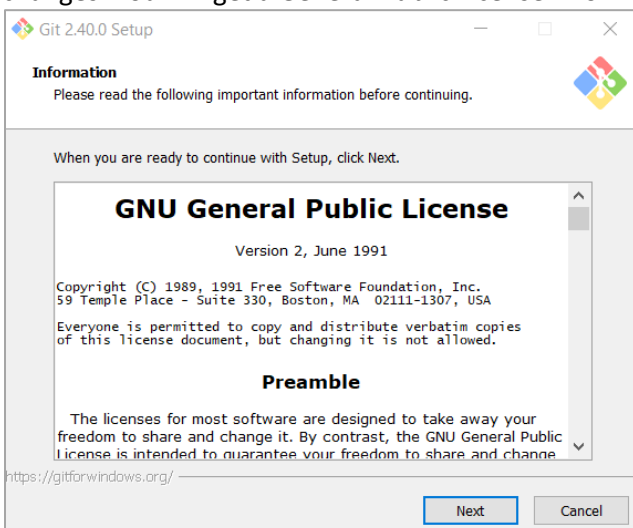
2. The .exe file will be downloaded to your browser.



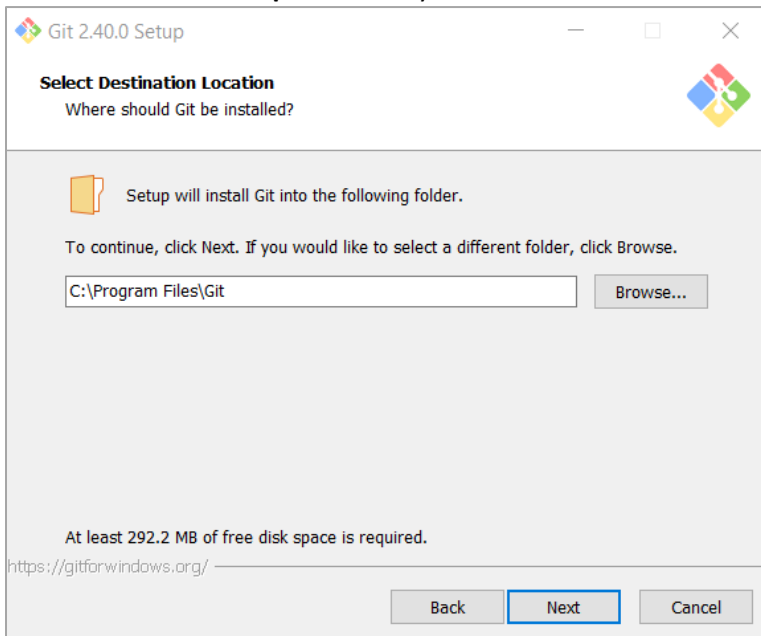
If you need the 32-bit version, go to:

<https://github.com/git-for-windows/git/releases/download/v2.40.0.windows.1/MinGit-2.40.0-32-bit.zip>

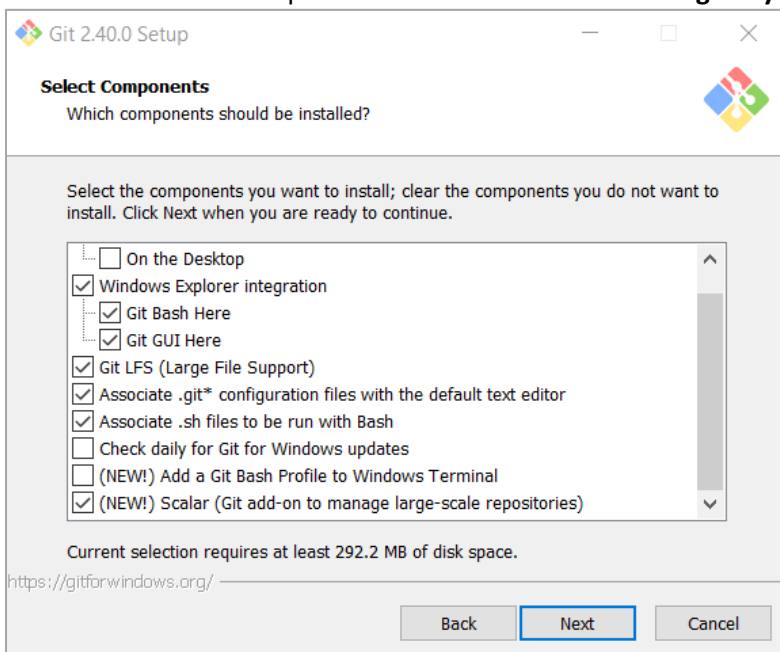
3. Double click on .exe file to initiate the installation process. When prompted by Windows, give permission to make changes. You will get a General Public License Information screen. Click "Next" button.



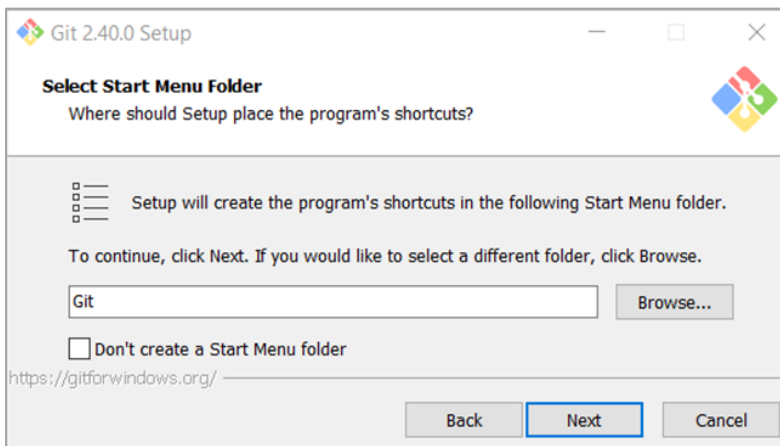
4. Choose the desired path where you want to install Git.



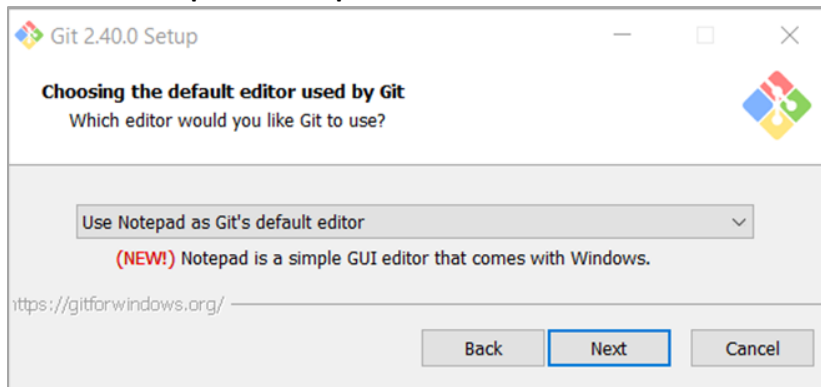
5. Leave the Select Components screen as it is. **Don't change anything.** Click **Next**.



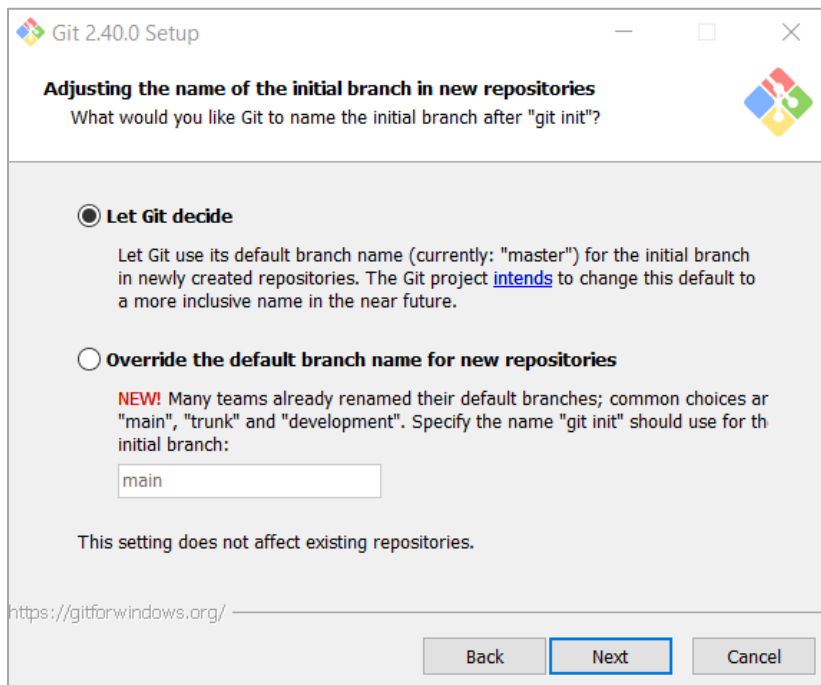
6. Select Start Menu Folder or not to create Start Menu Folder



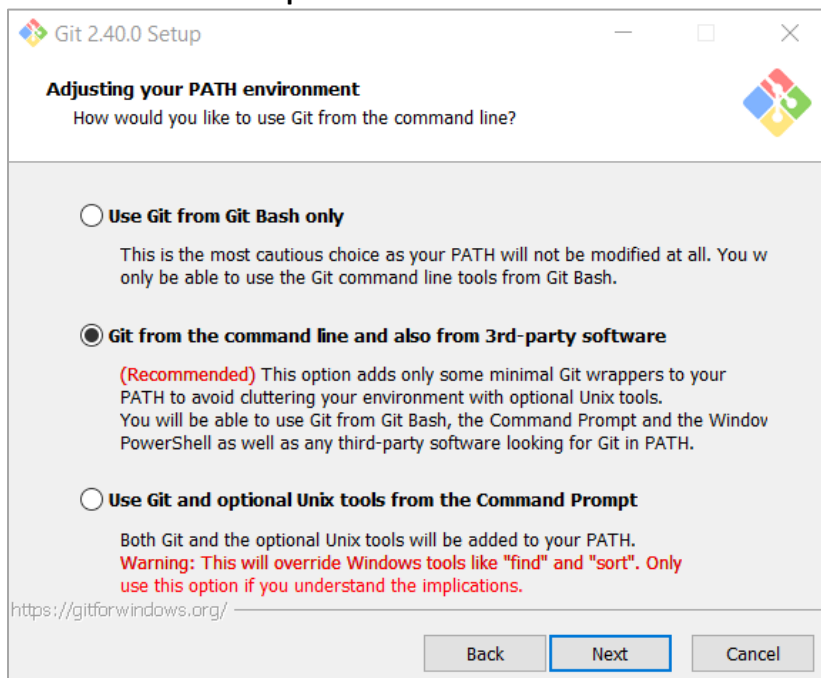
7. Choose Notepad or Notepad++ for the default editor.



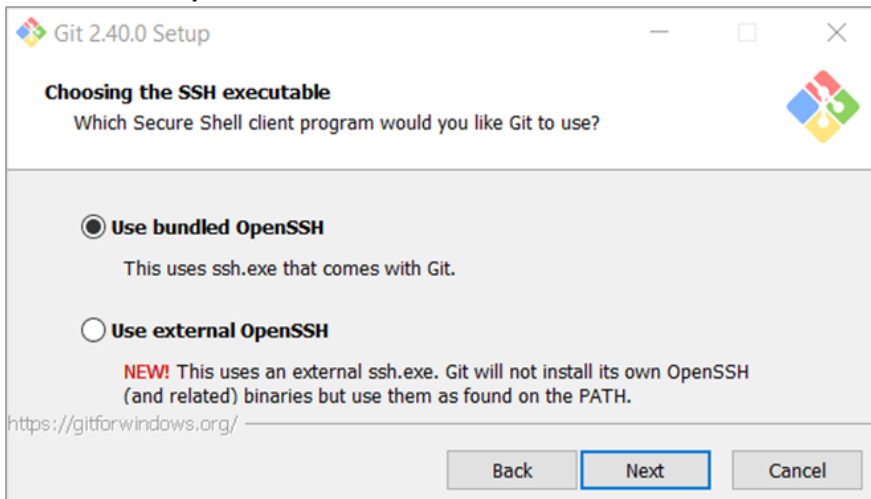
8. Let Git decide for the initial branch.



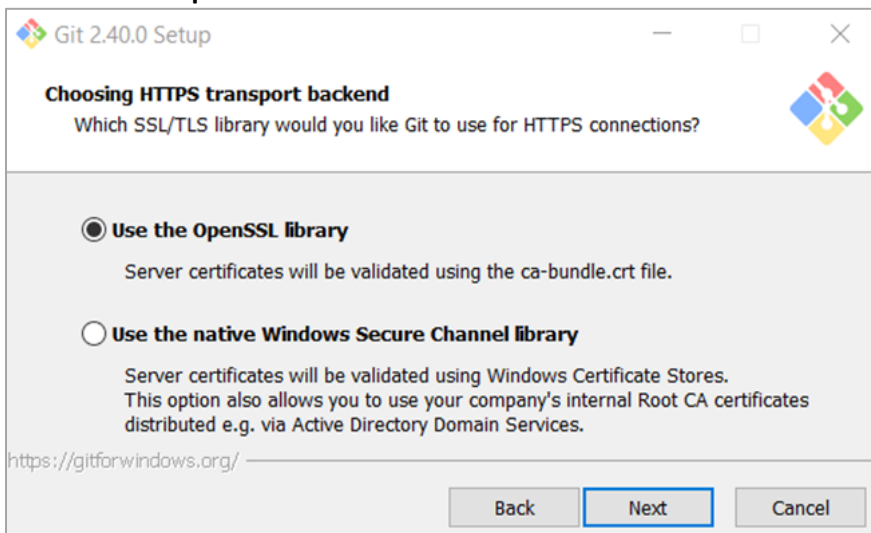
9. Choose the second option to be able to use Git from Command Prompt.



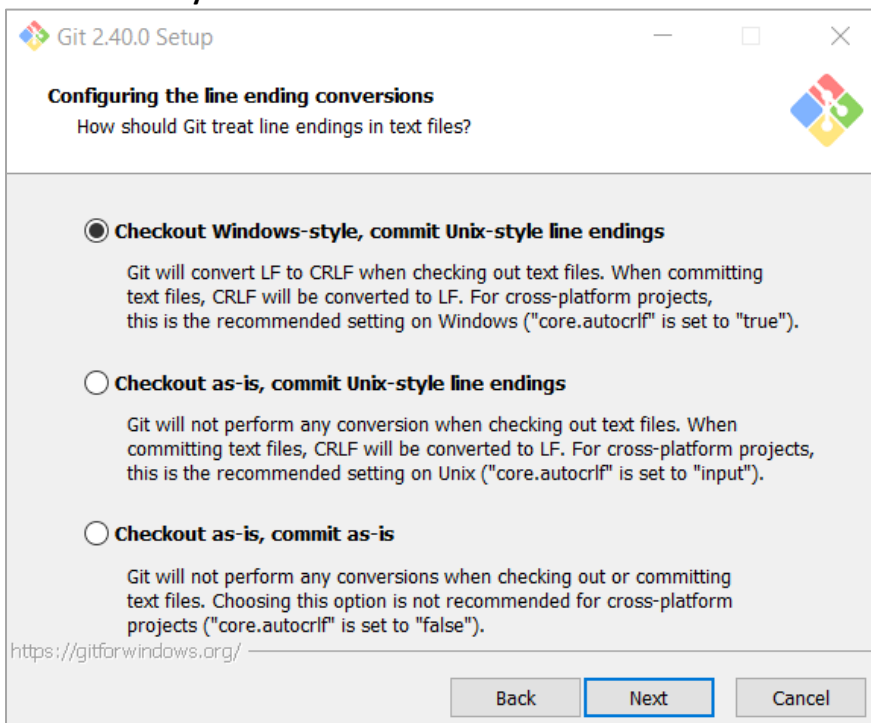
10. Leave this option as it is.



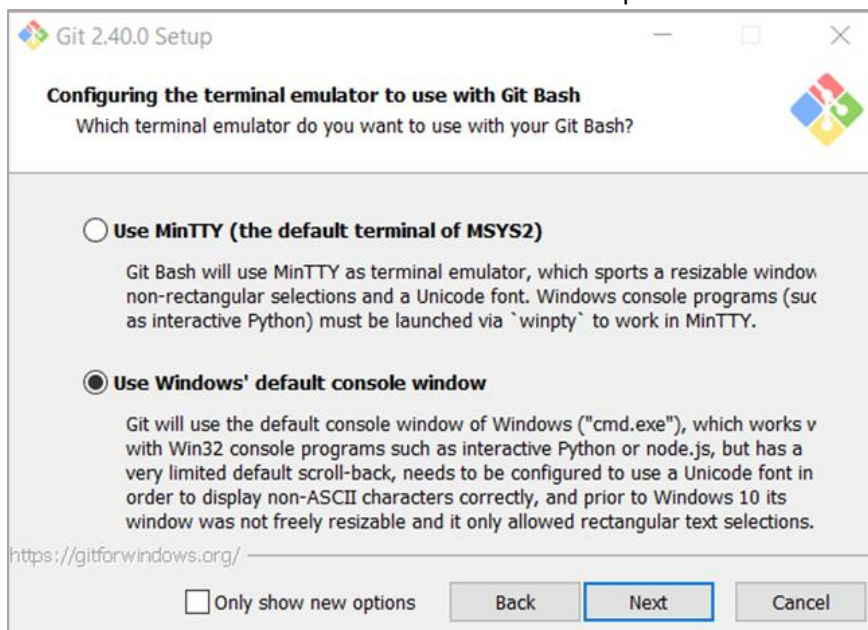
11. Leave this option as it is as well.



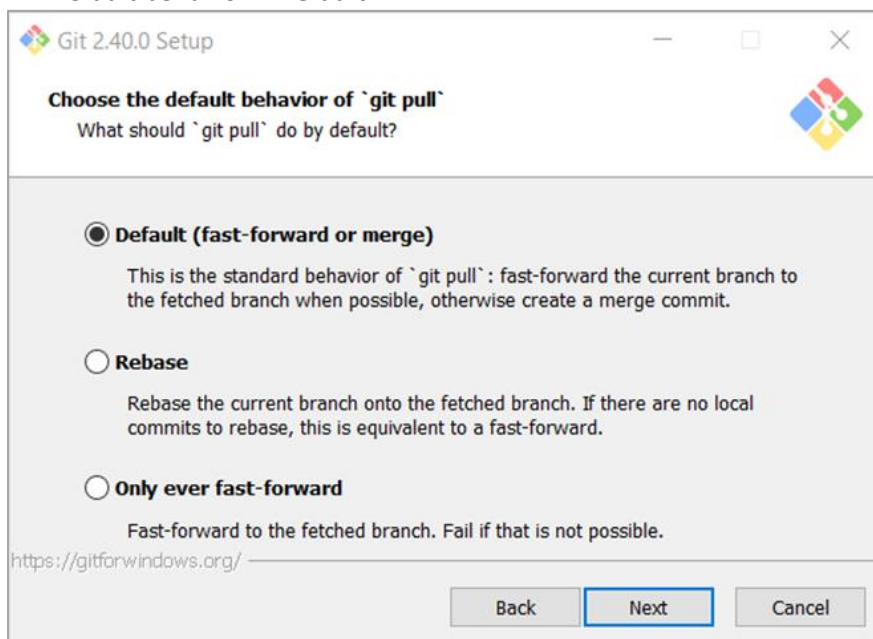
12. This one stays the same as well.



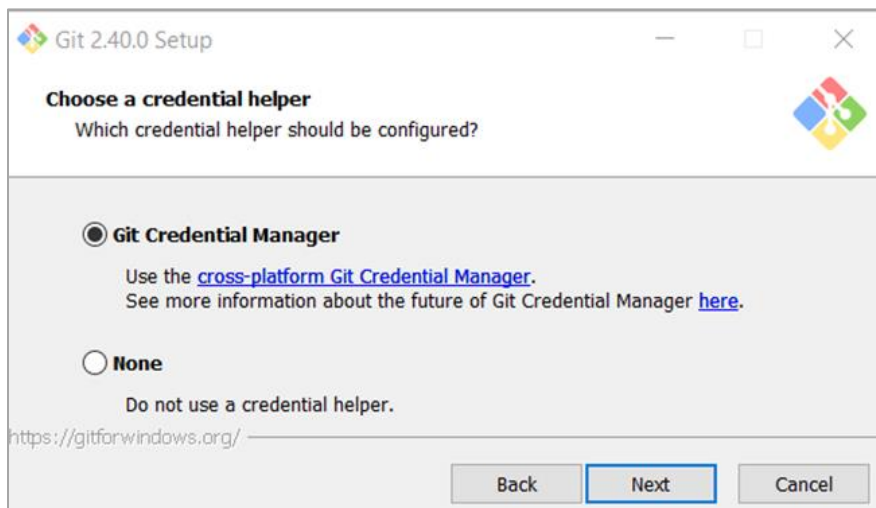
13. Select Use Windows' default console window option.



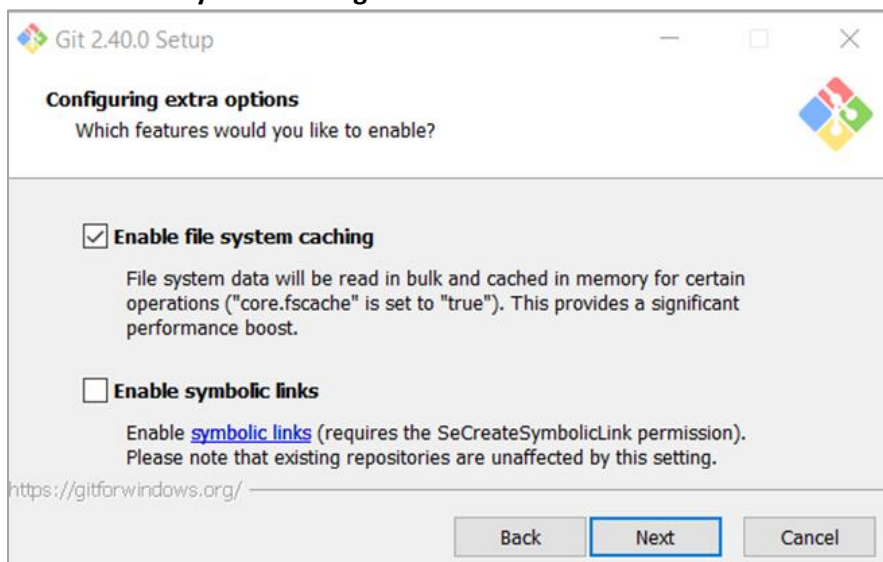
14. Default behavior – Default.



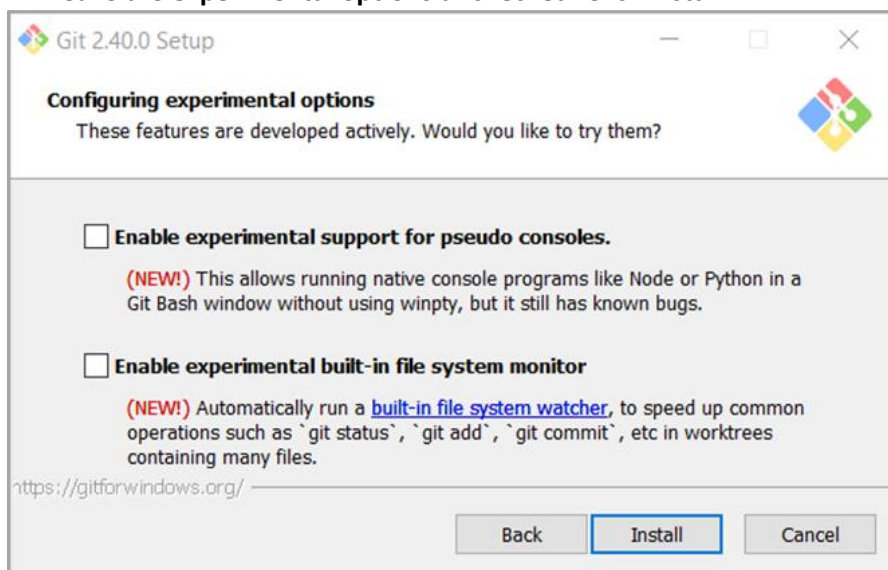
15. Git Credential Manager



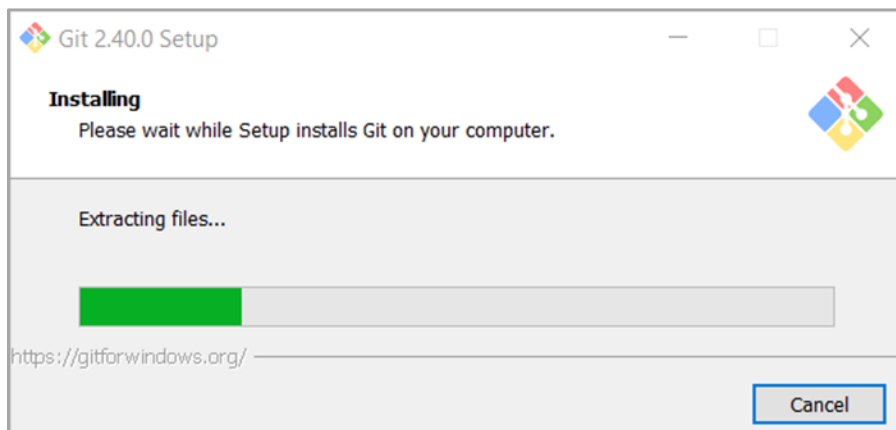
16. Enable file system caching



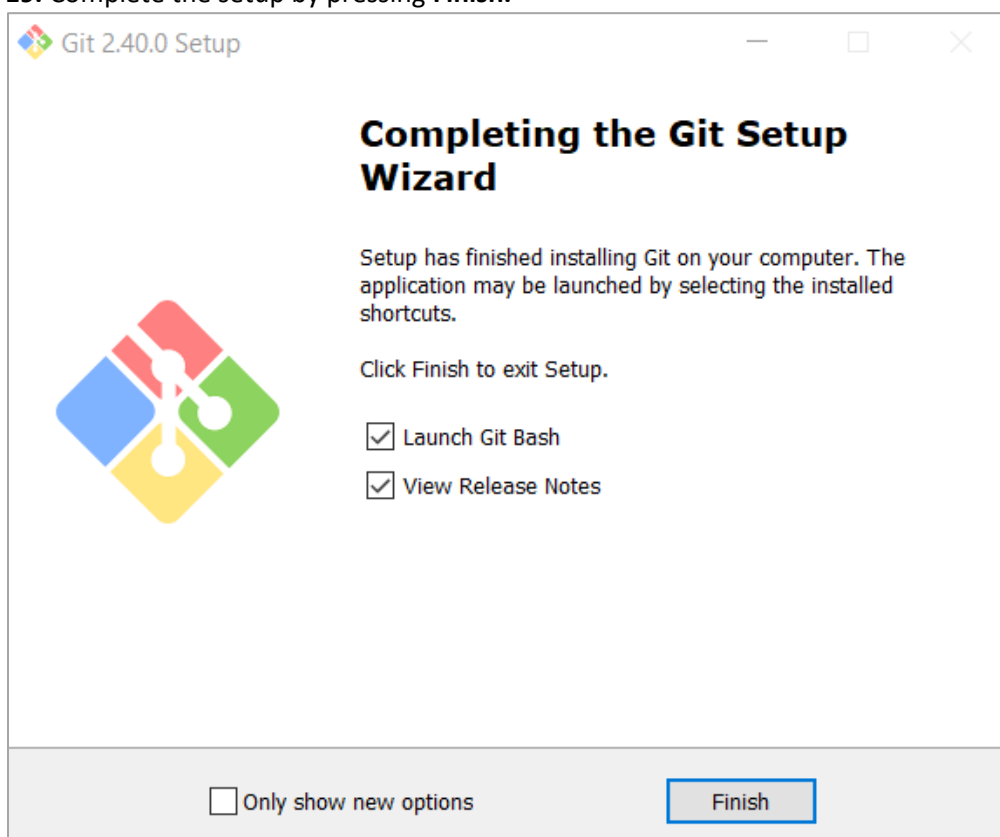
17. Leave the experimental options unchecked. Click Install.



18. Installing...



19. Complete the setup by pressing **Finish**.



3. Check Git version

To **check the Git version**, run the following command:

- from the command prompt **git version**
- from git bash **\$ git -version**