

# Setting up Git in Windows

## Overview

Git is a distributed version control system that tracks source code changes and coordinates work on software development projects. It was created by Linus Torvalds in 2005 to manage the development of the Linux kernel.

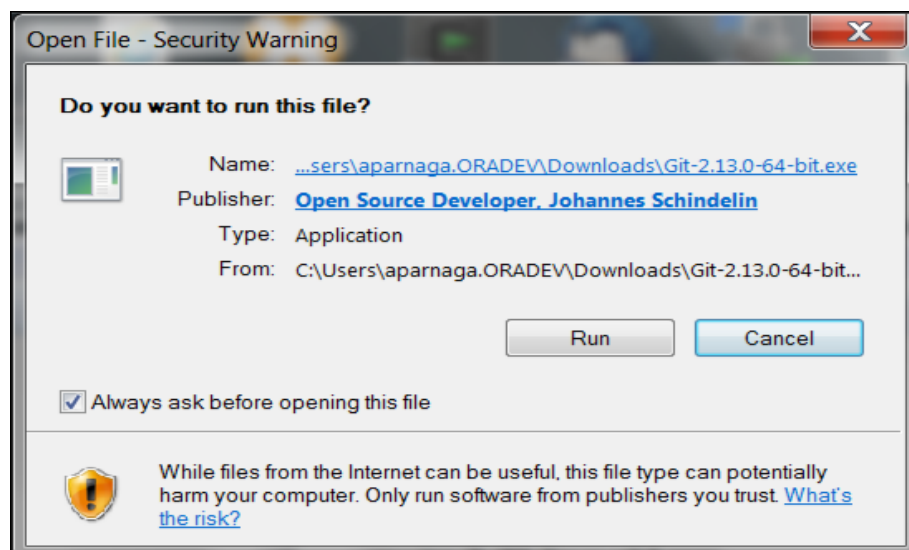
In simple terms, Git allows multiple developers to work on the same codebase simultaneously while keeping track of changes made over time. It provides a set of commands that developers use to create, modify, and merge code changes. Git also provides a way to manage different codebase versions, allowing developers to create branches and tags to keep track of specific versions.

Git is highly scalable, making it suitable for projects of all sizes, from small personal projects to sizeable enterprise-level software development efforts. It is open-source, freely available, and runs on all major operating systems, including Windows, macOS, and Linux. Git also integrates well with various development tools and platforms, making it a popular choice for developers worldwide.

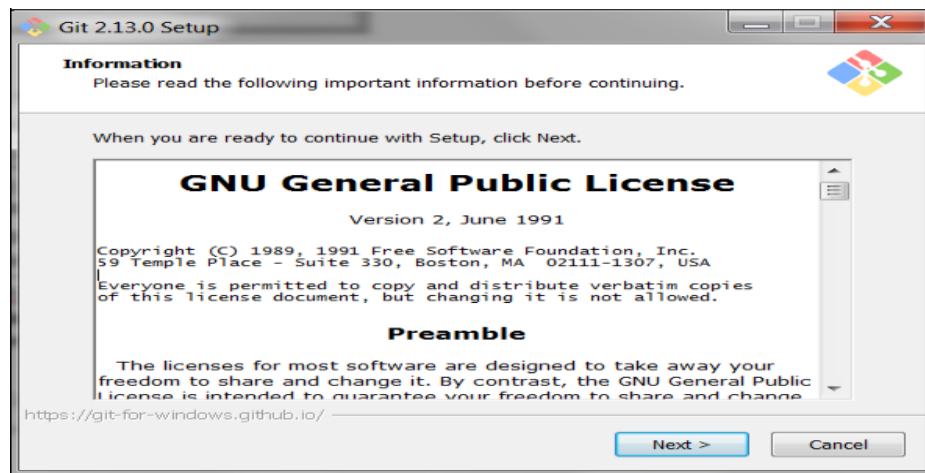
## Steps to Install Git Process

If you're working on a machine running Windows, you'll have to install and set up Git Bash. Linux, or Mac users, need not install Git Bash and can skip this.

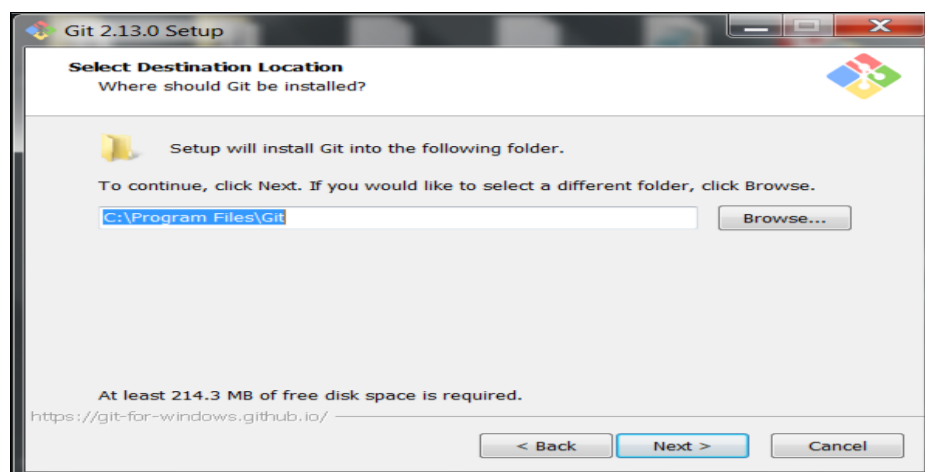
1. Install Git Bash
  - a. Go to <https://git-for-windows.github.io/> and click **Download**.  
Git-2.13.0-64-bit.exe or a higher version gets downloaded.
  - b. Run the installer.



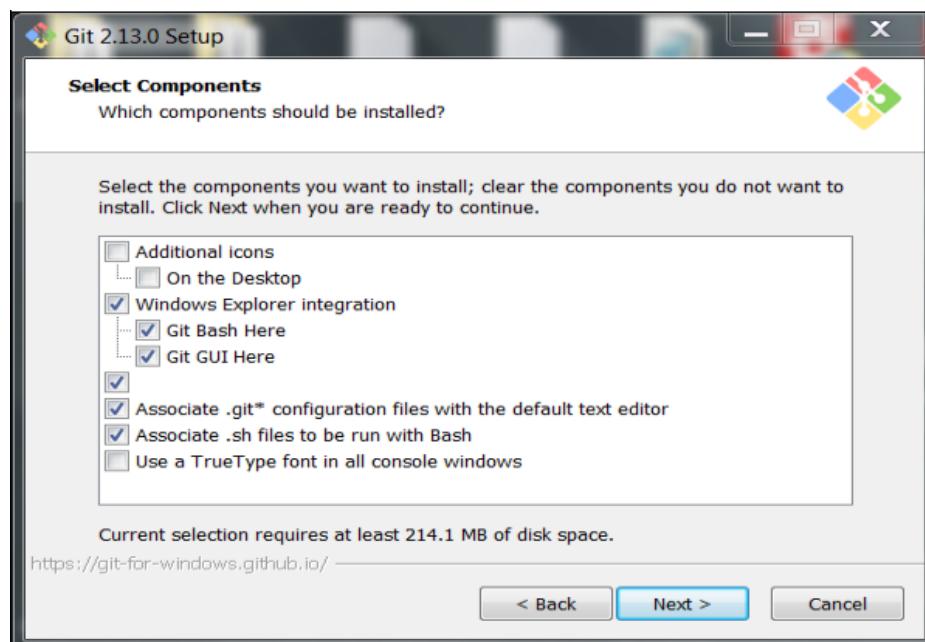
- c. Click **Next** on the Copyright information window.



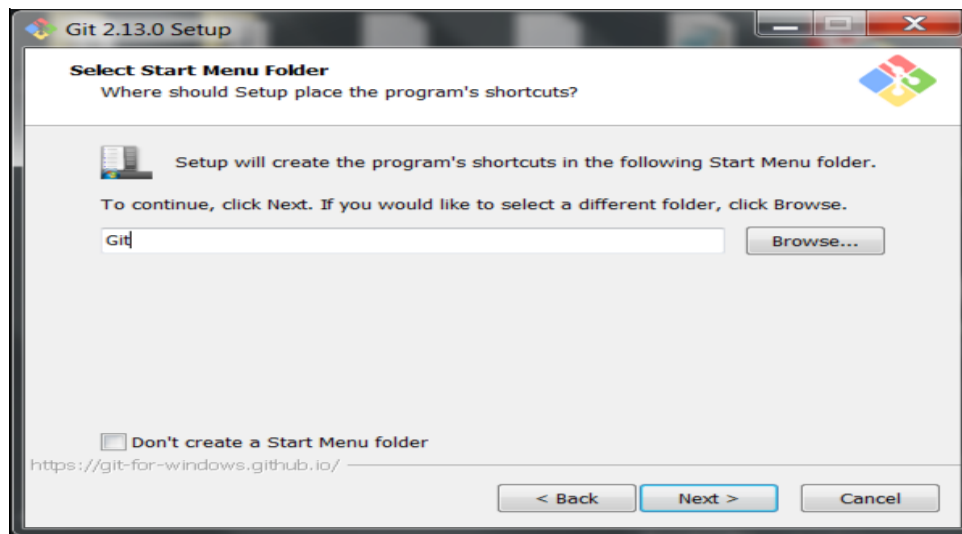
- d. Select the destination location.



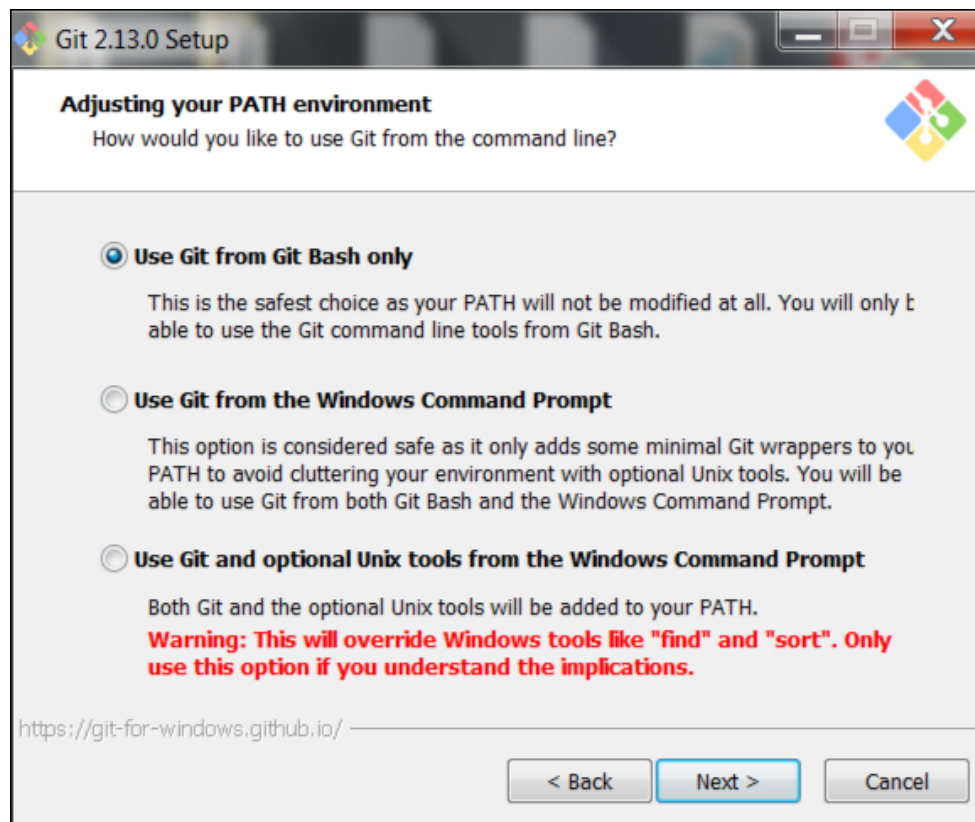
- e. Select the default components by clicking **Next**.



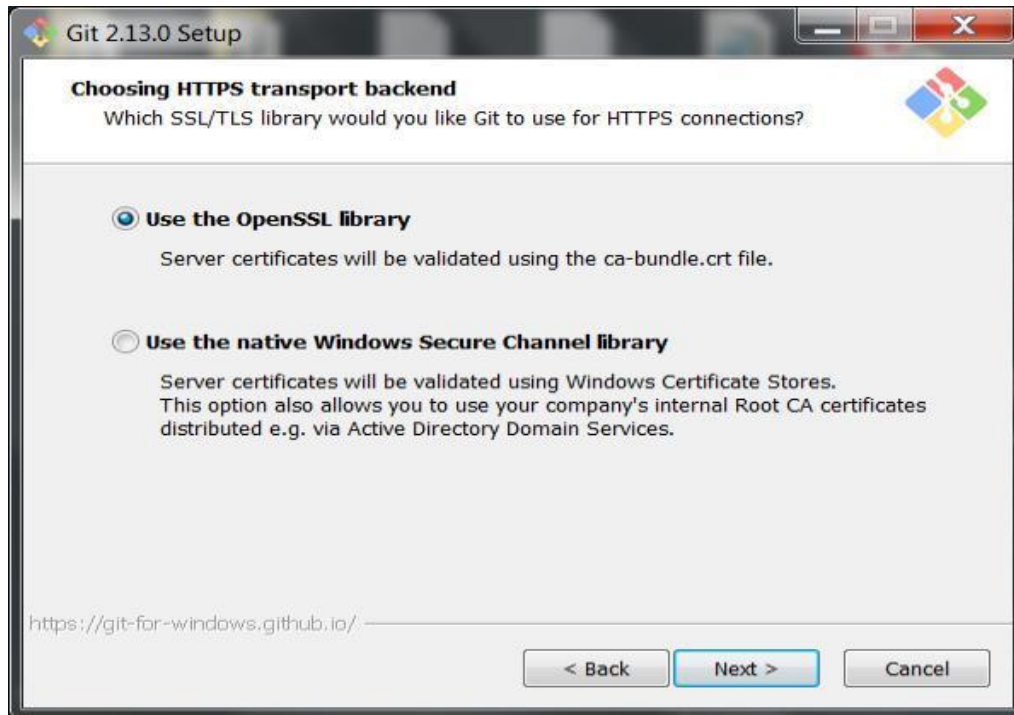
- f. Select the Start menu folder and click **Next**,



- g. Select the **Use Git from Git Bash only** option and click **Next**.

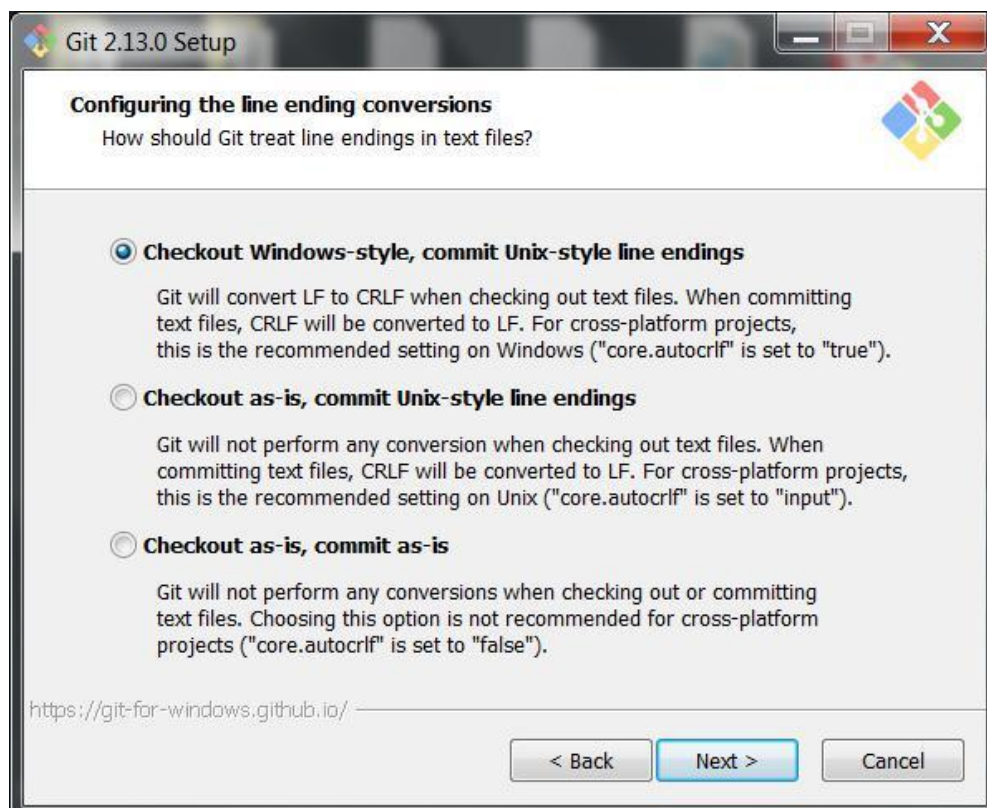


- h. Select the **Use OpenSSH** option and click **Next**.
- i. Select the **Use the OpenSSL** library option and click **Next**.

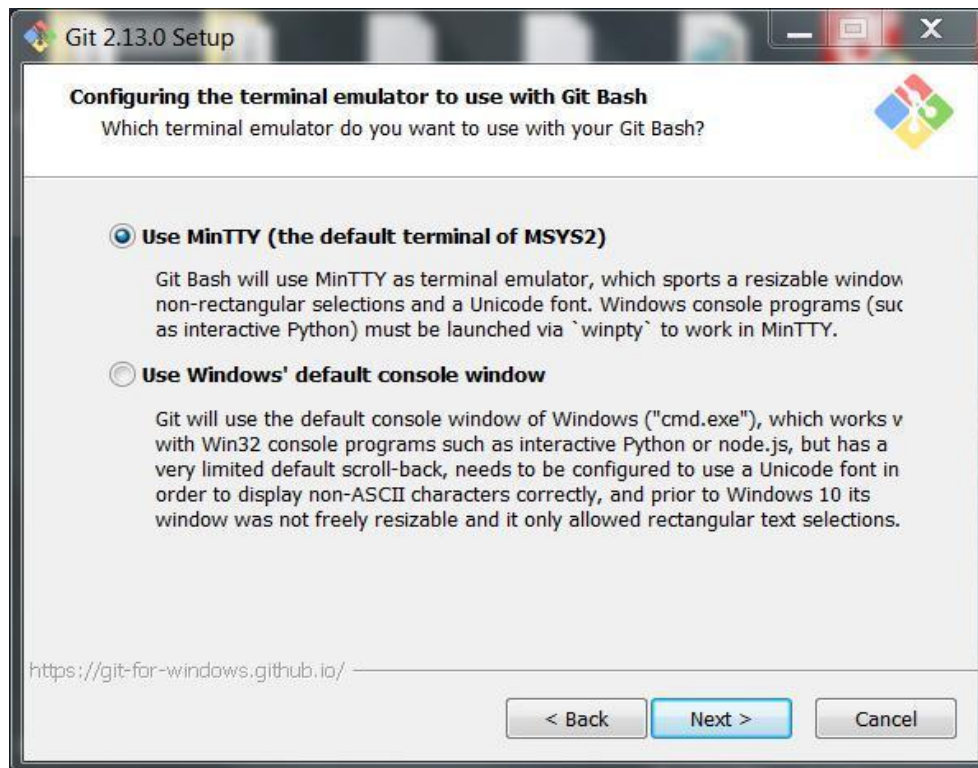


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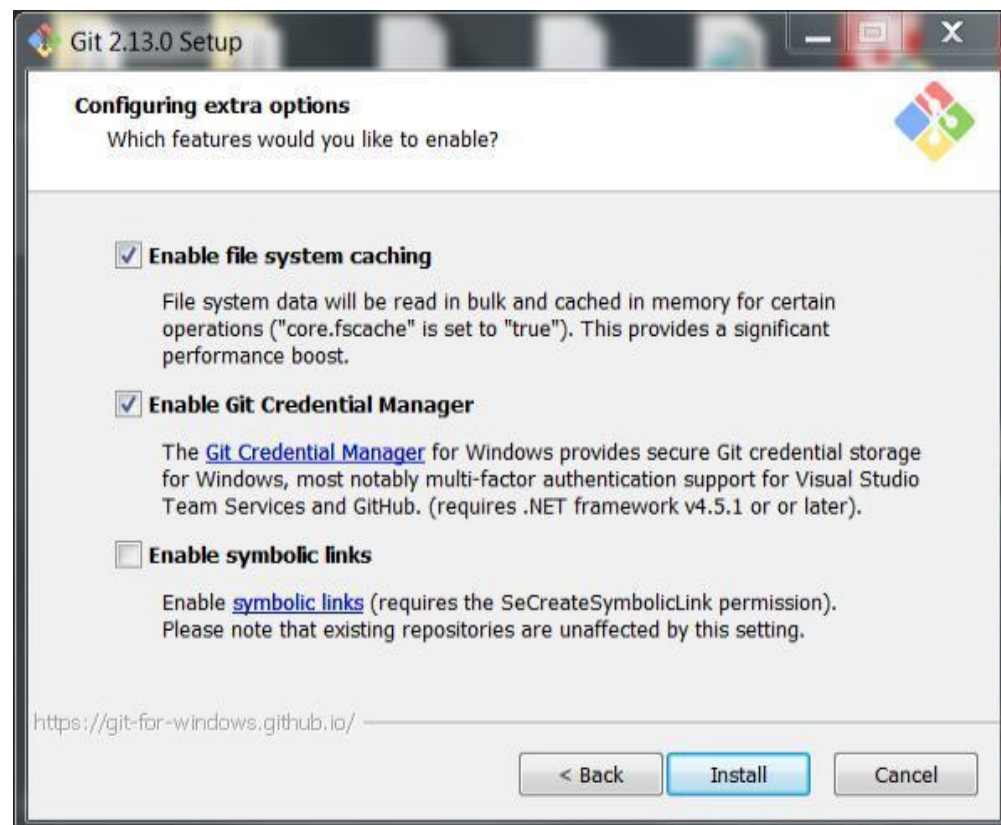
- j. Accept the default selection and click **Next**.



- k. Accept the default selection and click **Next**.



- l. Accept the default selection and click **Install**.





m. Select **Launch Git Bash** and click **Finish**.

