

Git Installation

To install Git on Windows, download the official installer from git-scm.com, run the `.exe` file, and follow the setup wizard. Accept the default settings to install Git and Git Bash, allowing for easy command-line access. Once finished, verify the installation by running `git --version` in your terminal.

Step-by-Step Installation

1. **Download:** Go to the official Git website and download the latest 64-bit Git for Windows installer.
2. **Run Installer:** Open the downloaded `.exe` file to start the setup wizard.
3. **Setup Options:** Click "Next" through the prompts. The default options are recommended for most users, including:
 - **Components:** Keep the defaults (including Git Bash).
 - **PATH Environment:** Choose "Git from the command line and also from 3rd-party software" to ensure it works in Command Prompt, PowerShell, and IDEs.
 - **Line Endings:** Select "Checkout Windows-style, commit Unix-style line endings".
4. **Finish:** Click "Install" and then "Finish" to complete the installation.

Post-Installation Configuration

After installing, it is recommended to configure your username and email, which are used to identify your commits.

1. Open **Git Bash**.
2. Run the following commands, replacing the placeholders with your information:

bash

```
git config --global user.name "Your Name"
git config --global user.email "youremail@example.com"
```

Verification

To confirm Git is installed correctly, open Command Prompt, PowerShell, or Git Bash and type:

bash

```
git --version
```

This should display the installed Git version (e.g., `git version 2.x.x.windows.1`).