



# WPILib/VScode Installation Guide

Install **before** Git Bash



# 1/6) Find the most recent version of WPILib

Go to:

<https://github.com/wpilibsuite/allwpilib/releases>

Find the most recent version and click on that

The screenshot shows the GitHub interface for the repository `wpilibsuite/allwpilib`. The page is titled "Releases" and displays a list of releases. The most recent release is "WPILib 2022.1.1 Beta 1 Release", which is marked as a "Pre-release". It was published 3 days ago by AustinShalit. The release details include a "Getting Started" section with instructions on how to install the software, a link to the "what's new for 2022" guide, and a link to the "WPILib installation guide". There are also 6 assets associated with this release. Below this, the next release is "WPILib 2022.1.1 Alpha 3 Prerelease", published 11 days ago. The URL at the bottom of the page is `https://github.com/wpilibsuite/allwpilib/releases/tag/v2022.1.1-beta-1`.

## 2/6) Find the Installer for your System

- Scroll to the bottom and look for “Assets”
- Download the installer corresponding to your Operating System

### ▼ Assets 6

 <a href="#">WPILib_Linux-2021.3.1.tar.gz</a>	1.75 GB
 <a href="#">WPILib_macOS-2021.3.1.dmg</a>	1.58 GB
 <a href="#">WPILib_Windows32-2021.3.1.iso</a>	1.6 GB
 <a href="#">WPILib_Windows64-2021.3.1.iso</a>	1.66 GB
 <a href="#">Source code</a> (zip)	
 <a href="#">Source code</a> (tar.gz)	



17



1



1



3



5

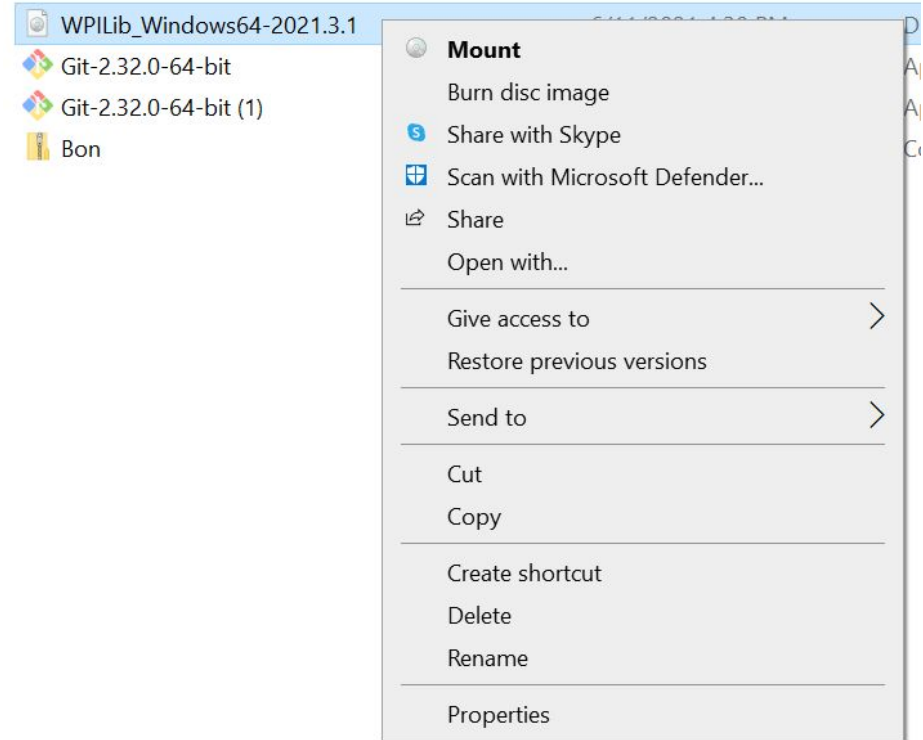


3

21 people reacted














## 2.5/6) Mount the Installer (Windows Only)

Right click on the downloaded file,  
and click “Mount”



## 3/6) Start The Installer

- Double click WPILibInstaller and click “Start”

 clrcompression.dll	4/25/2021 1:46 PM
 clrjit.dll	4/25/2021 1:46 PM
 coreclr.dll	4/25/2021 1:46 PM
 libHarfBuzzSharp.dll	4/25/2021 1:46 PM
 libMonoPosixHelper.dll	4/25/2021 1:46 PM
 libSkiaSharp.dll	4/25/2021 1:46 PM
 MonoPosixHelper.dll	4/25/2021 1:46 PM
 mscordacore.dll	4/25/2021 1:46 PM
 System.Reactive	4/25/2021 1:46 PM
 WPILib_Windows64-2021.3.1-artifacts	4/25/2021 1:52 PM
 WPILibInstaller	4/25/2021 1:46 PM
 WPILibInstaller_Windows64-2021.3.1-resources	4/25/2021 1:46 PM
 WPILibInstallerVersion	4/25/2021 1:46 PM

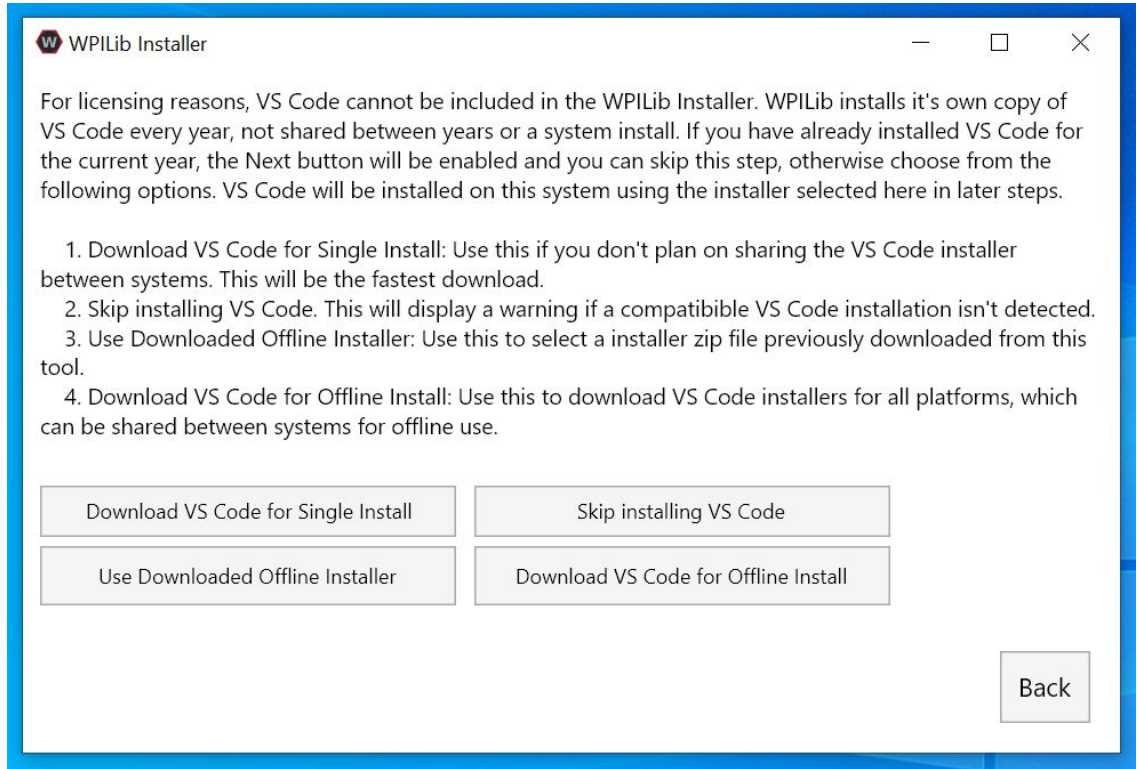




## 4/6) Select Installer Type

Start and click

Download VS Code  
for Single Install

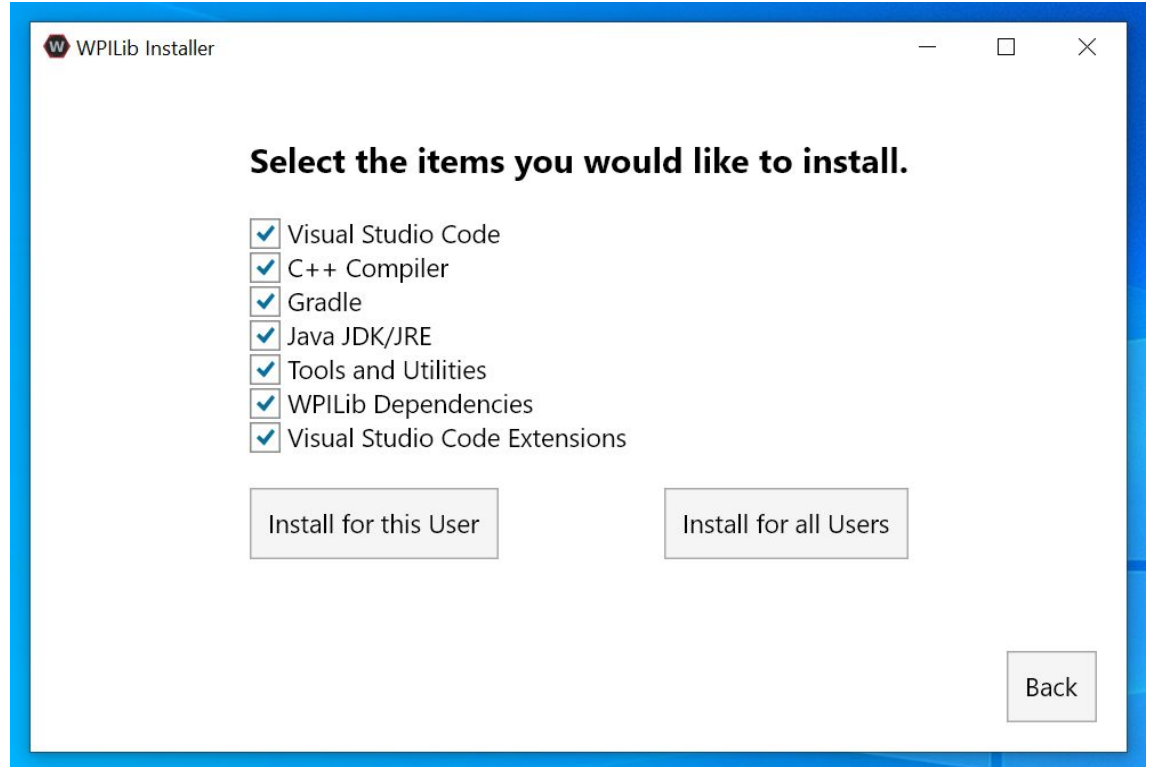




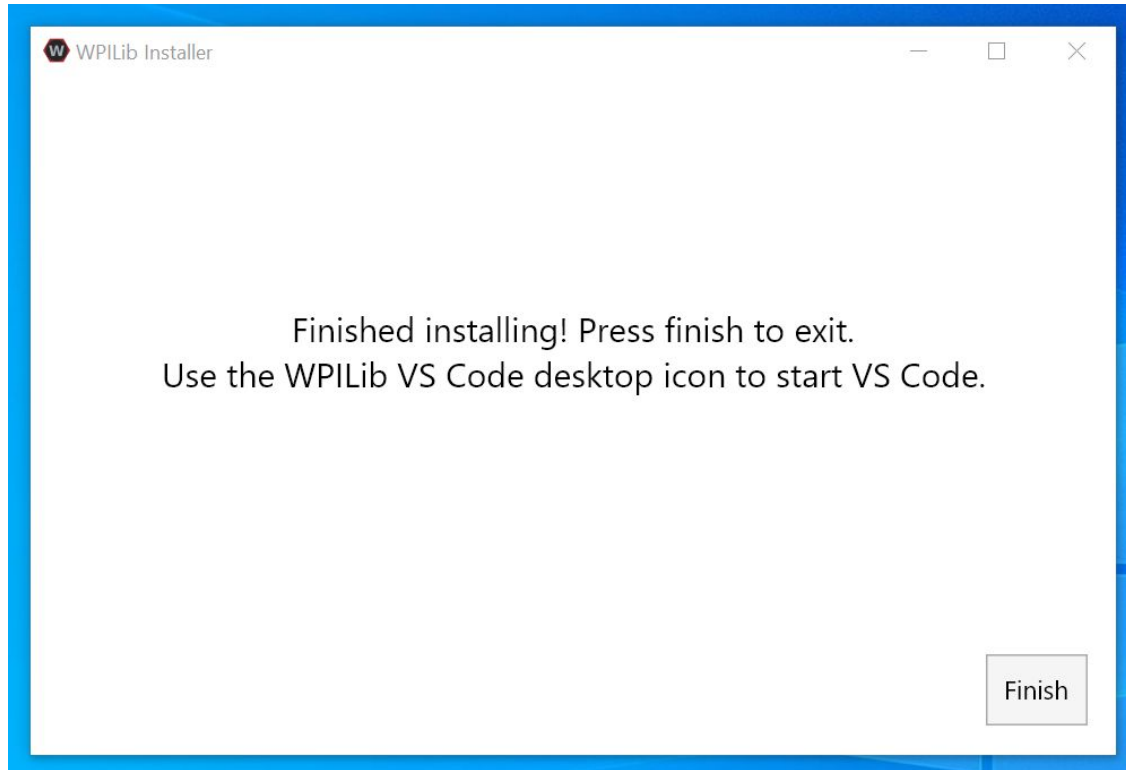
## 5/6) Install Tools

Make sure everything below is checked on this step

Either install option is fine, however you may need extra permissions to install for all users.



## 6/6) And you're done!







**You now have  
VSCode & WPILib  
Installed!**

You are *almost* ready to  
begin robot programming!

*You can now move onto installing Git Bash*

You may have run into issues installing these  
tools along the way, especially if using  
*macOS* or *Linux*

Feel free to come up to the  
SE *President* / *Vice President*  
if you run into any issues