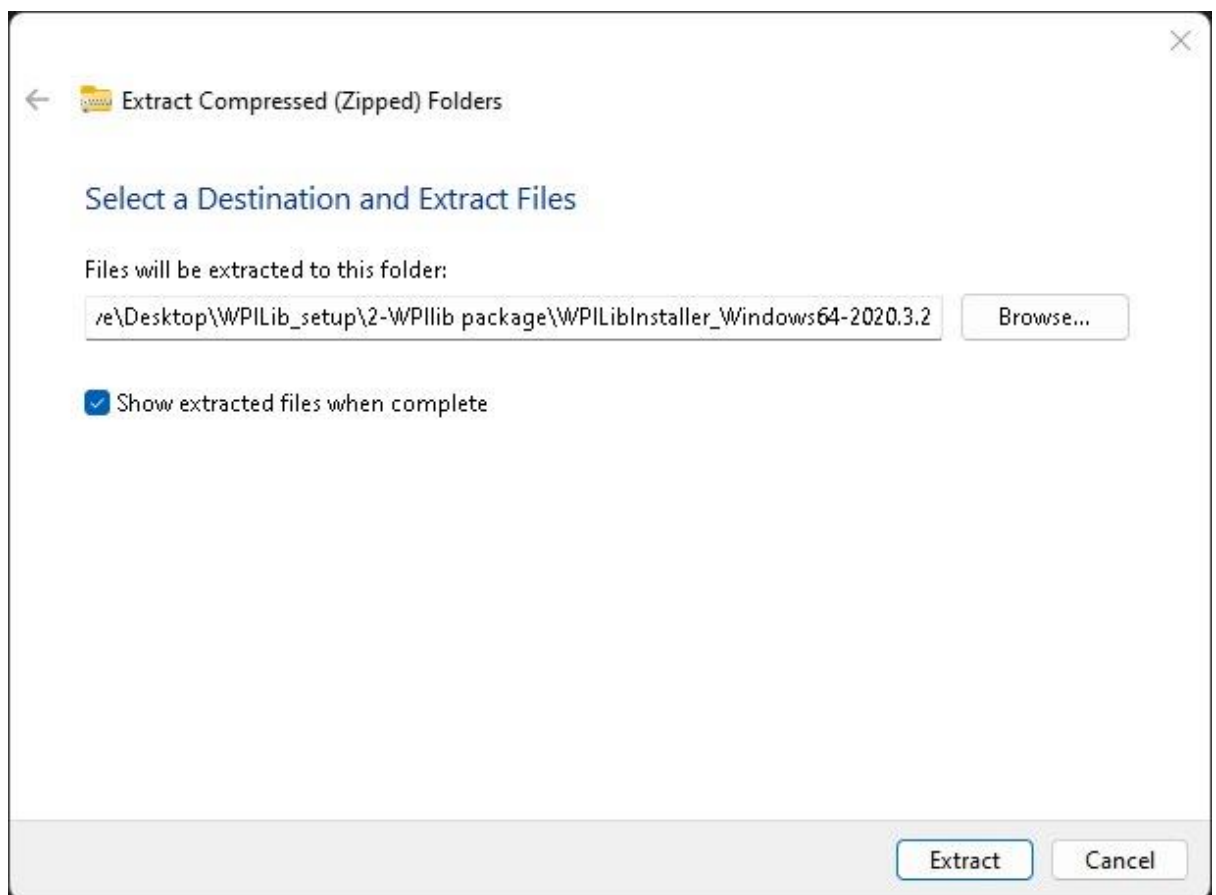


Step-by-Step Guide: Setting Up Offline FRC VS Code and Control Station for Coding

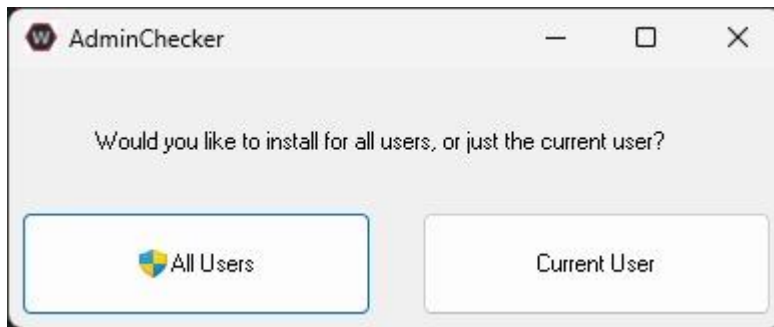
This guide provides clear instructions for setting up offline FRC VS Code and the Control Station application to get started with your coding projects. Images corresponding to each step will be included. A YouTube tutorial link will also be added for additional reference.

Part 1: Setting Up Offline FRC VS Code

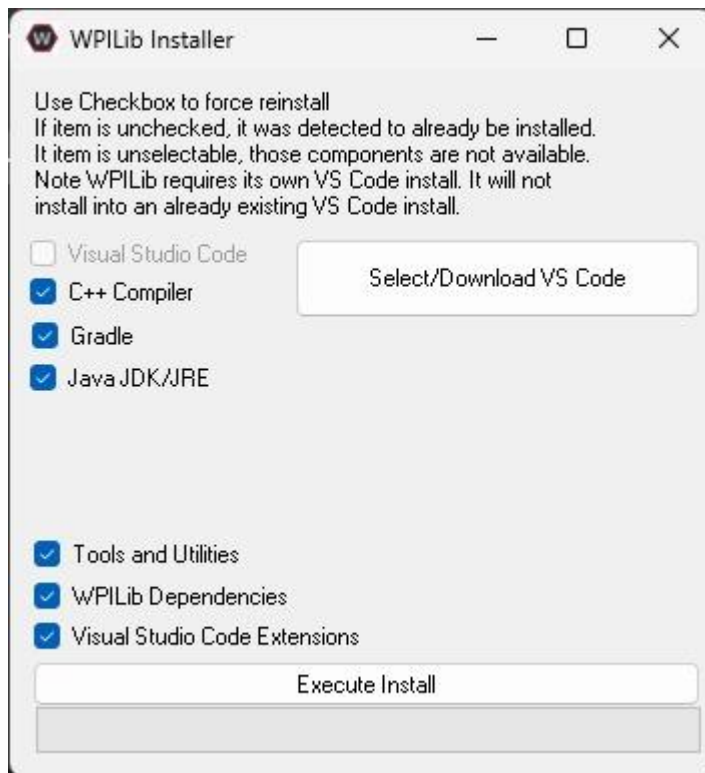
1. **Extract the WPILibInstaller** Unzip the WPILibInstaller to a folder on your system.



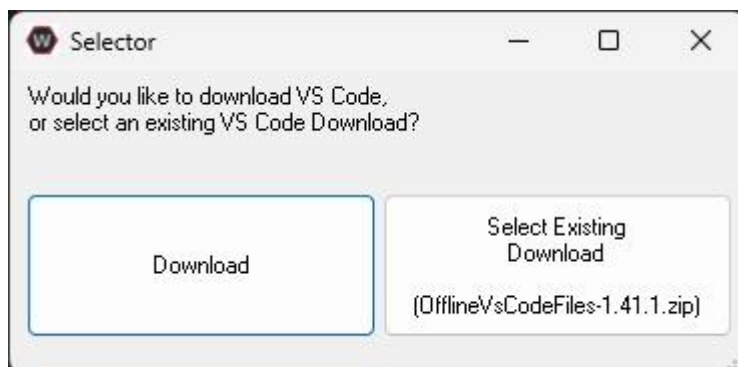
2. **Open the Application** Navigate to the extracted folder and launch the installer application.



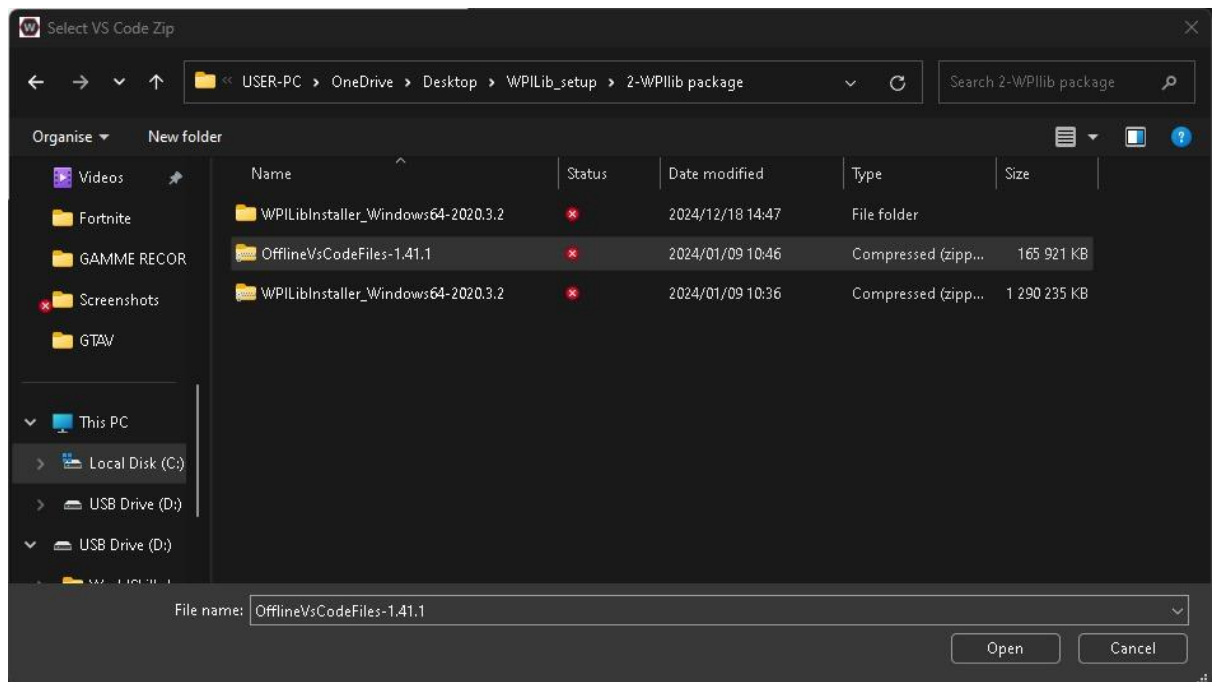
3. **Install for All Users** Select the option to install WPILib for all users on your computer.
4. **Select/Download VS Code** Choose the option to download or select an existing VS Code installation.



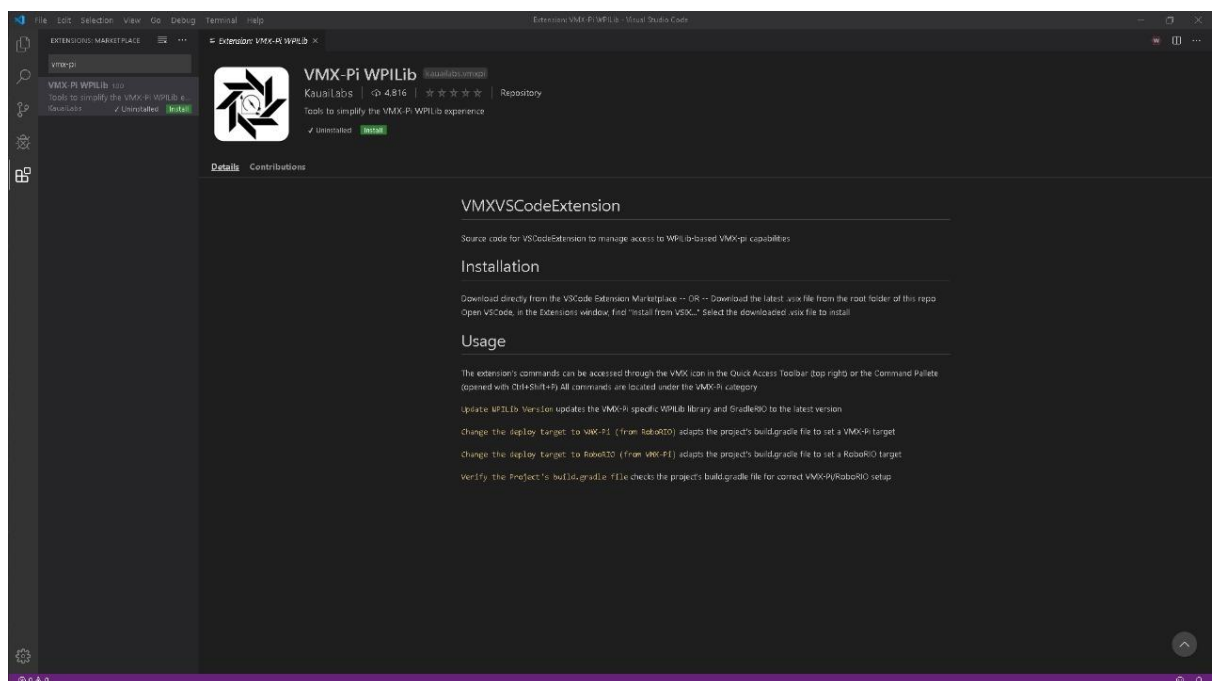
5. **Select an Existing Download** Opt for selecting an existing VS Code download.



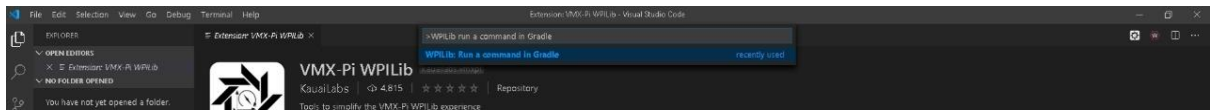
6. **Select the Offline VS Code ZIP File** Browse to and select the offlineVsCode.zip file you downloaded earlier.



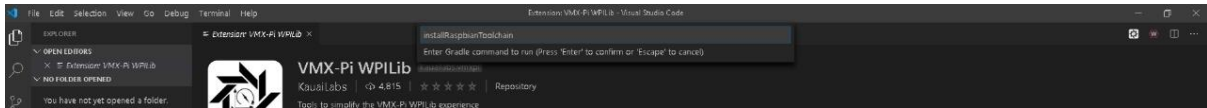
7. **Execute Install** Complete the installation by clicking the "Install" button.
8. **Open FRC VS Code 2020** Launch the newly installed FRC VS Code from your applications list.
9. **Install the VMX-PI WPILib Extension** Open the extensions view in VS Code and search for "VMX-PI WPILib." Install the extension to enable compatibility.



10. For C++ Users: Run Gradle Command If you plan to code in C++, open the terminal in VS Code and execute the following Gradle command:



11. installRaspbianToolchain

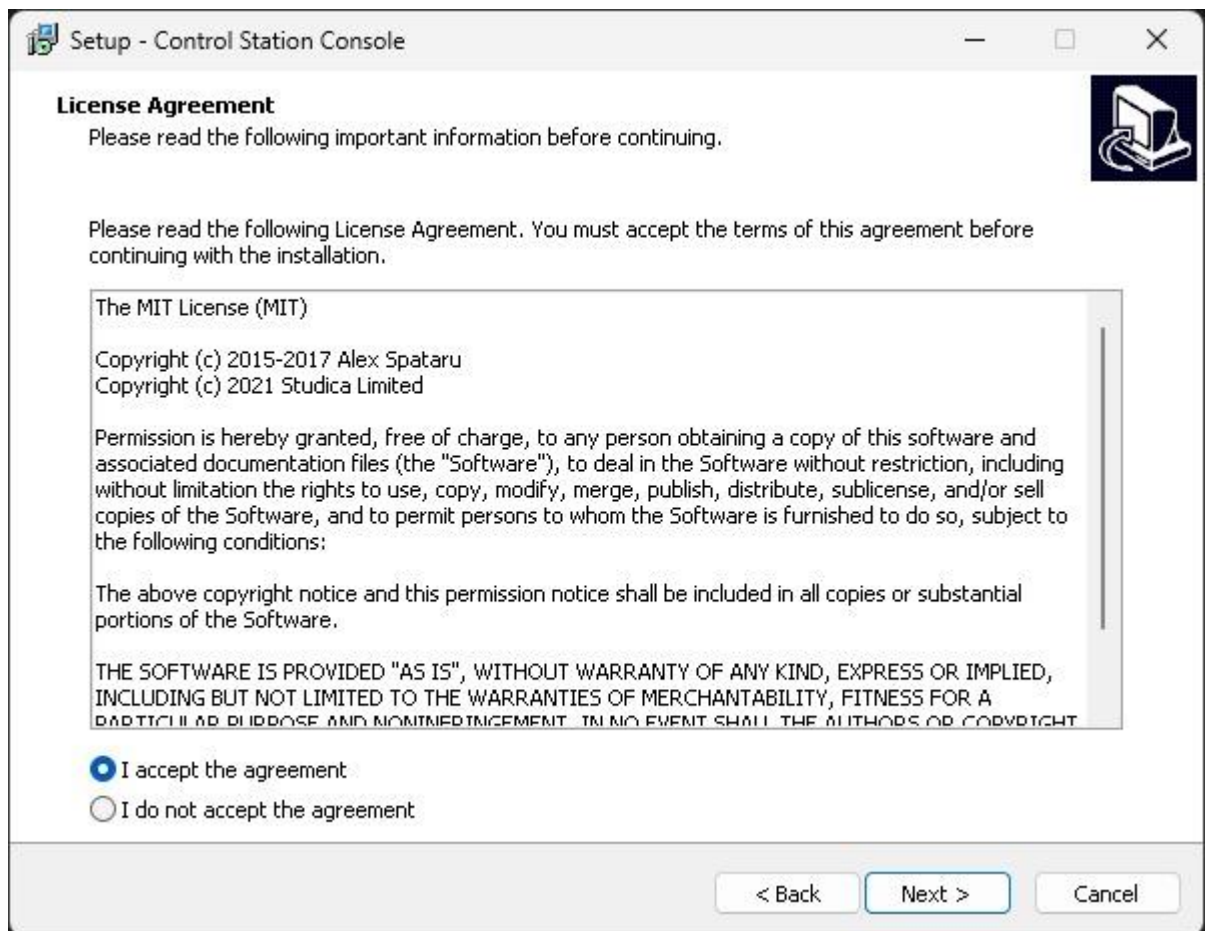


Part 2: Setting Up Control Station

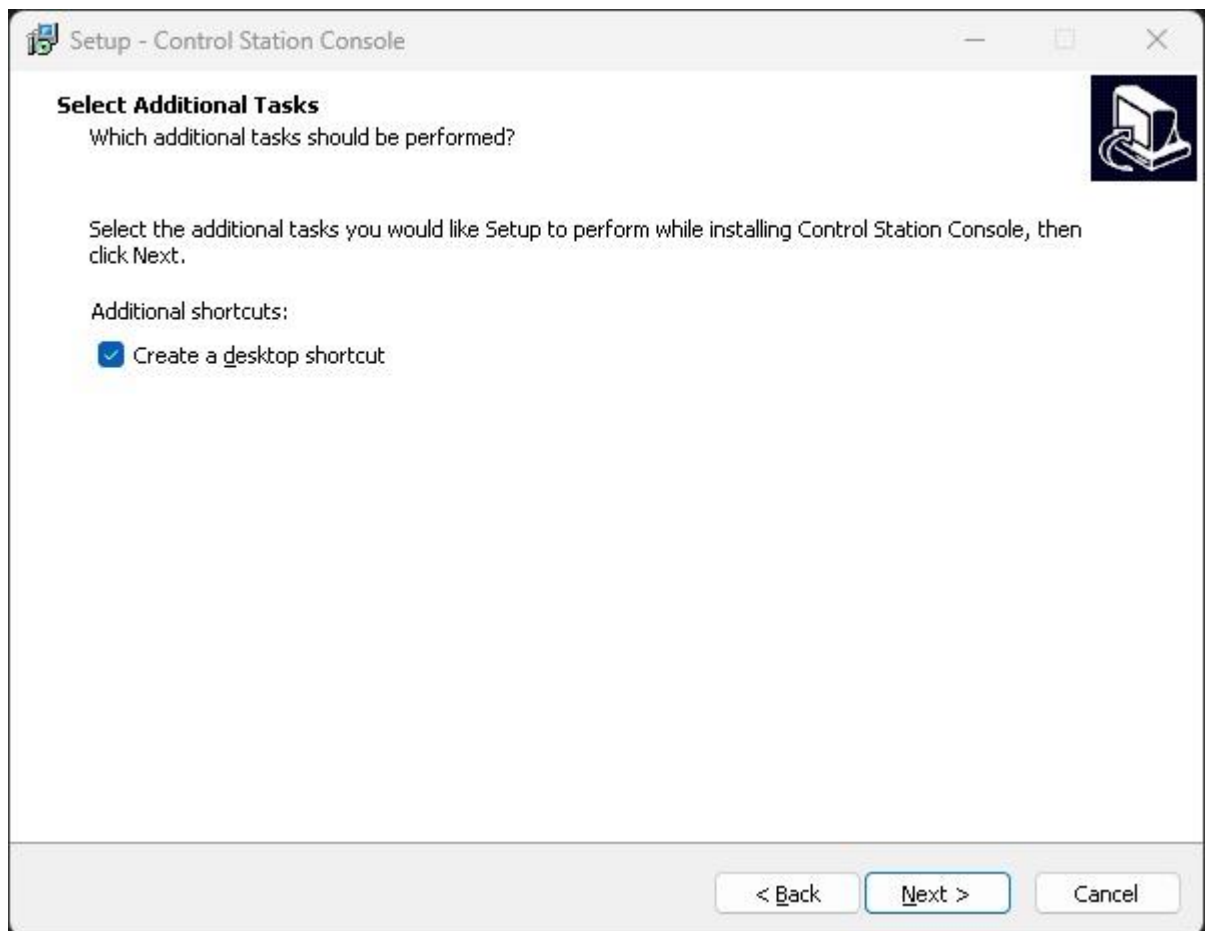
11. Open the Control Station Setup Application Locate and launch the Control Station setup application.



12. Accept the Agreement and Proceed Read and accept the licensing agreement. Click "Next."



13. **Complete the Installation** Click "Next" again and wait for the installation process to complete. It should take only a few seconds.



Once these steps are complete, you will have successfully set up both the offline FRC VS Code and the Control Station application. You can now start coding your robotics projects with ease.

For a detailed walkthrough, watch the full video tutorial here:

<https://youtu.be/vxZff8ynt9E>