



# Verus Installation Guide for Windows

This guide will walk you through the step-by-step process to set up **Verus** on your Windows machine. Follow each step carefully to ensure the installation works smoothly.

## Step 1: Unzip the Verus Folder

1. Locate the Verus ZIP file provided to you.
2. Right-click on the ZIP file and select "Extract All..."
3. Extract it to a folder location of your choice. For example, extract it to: **C:\verus**
4. After extracting, the folder (referred to as /verus) will contain verus.exe and other necessary files.

## Step 2: Install Rustup Toolchain

1. Open VS Code.
2. Open the terminal inside VS Code by pressing Ctrl + ` (backtick) or by going to Terminal > New Terminal.
3. In the terminal, type the following command and press Enter: ~verus/verus.exe  
(Replace ~verus with the full path to your Verus folder, for example:  
C:\verus\verus.exe)
4. You will see an error in the terminal that says rustup toolchain is not installed.

```
$ ~/verus/verus
verus: required rust toolchain 1.82.0-x86_64-unknown-linux-gnu not found
run the following command (in a bash-compatible shell) to install the necessary toolchain:
  rustup install 1.82.0-x86_64-unknown-linux-gnu
error: toolchain '1.82.0-x86_64-unknown-linux-gnu' is not installed
```

5. Follow the instructions shown in the terminal to install rustup toolchain.
6. Once the toolchain is installed, you can verify the installation by typing **rustc --version** in your terminal. If it returns the version number, the installation was successful. If not, try restarting your system or reinstalling the toolchain.

## Alternative Method to Install Rustup:

1. Visit <https://rustup.rs/>
2. Download the file named **rustup-init.exe** (it's clearly visible on the homepage).
3. Once downloaded, click on it and follow the installation instructions to install Rust on your system.
4. After installation, type **rustc --version** to verify if the installation was successful or not.

## Step 3: Set Environment Variable for Verus

1. Navigate to the folder where you extracted Verus (e.g., C:\verus).
2. Click on the address bar in File Explorer and copy the full path.

Now, follow these steps to set the environment variable:

1. Press the Windows key and search for "Environment Variables".
2. Click on "Edit the system environment variables".
3. In the System Properties window, click the "Environment Variables..." button.
4. Under the "System variables" section, find and select the "Path" variable, then click "Edit...".
5. In the new window, click "New", then paste the path you copied earlier (e.g., C:\verus).
6. Click OK on all the open windows to save the changes.
7. Make sure to restart the system after setting the environment variables.

To verify the setup:

1. In the VS Code terminal, **verus.exe --version** and press Enter.