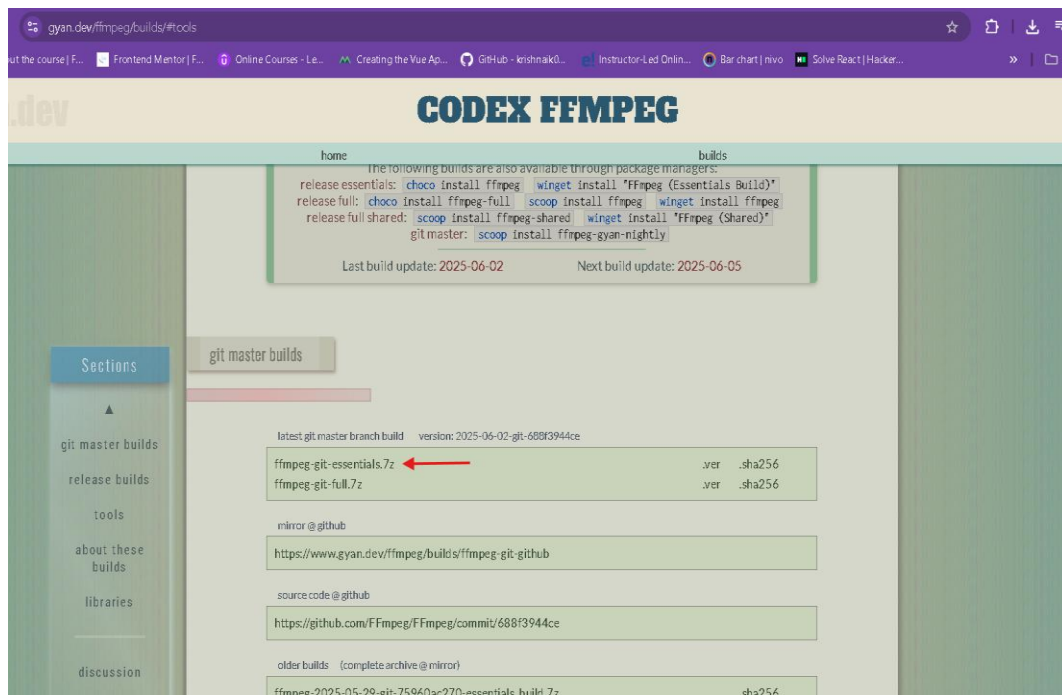


VechileCount Documentation

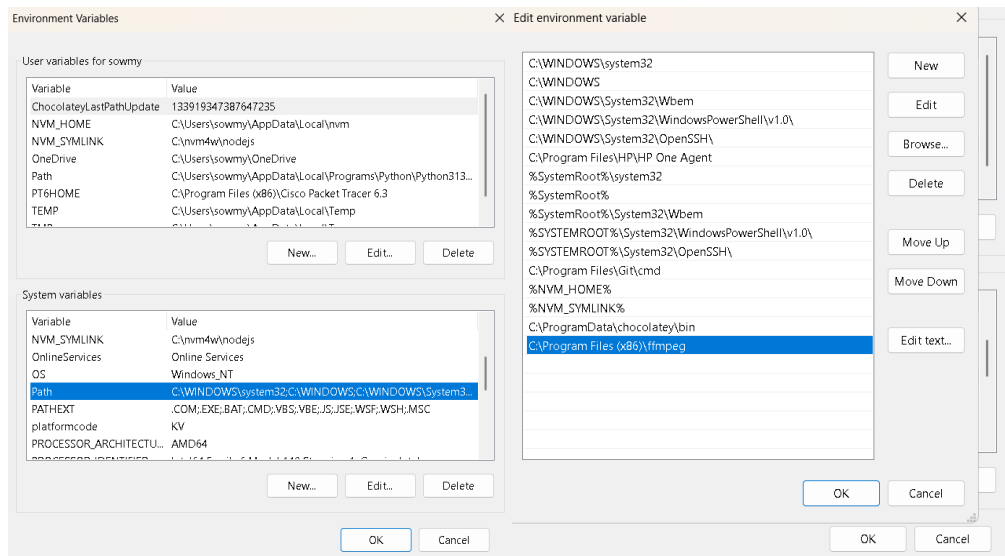
- 1) We need to install **VLC player(64x)** : <https://www.videolan.org/vlc/>
- 2) We need to install **ffmpeg** : <https://www.gyan.dev/ffmpeg/builds/>



- i) After downloading it is in zip file extract the zip rename to ffmpeg and move the folder to **C drive > program files (x86)**

ii) Add to System PATH:

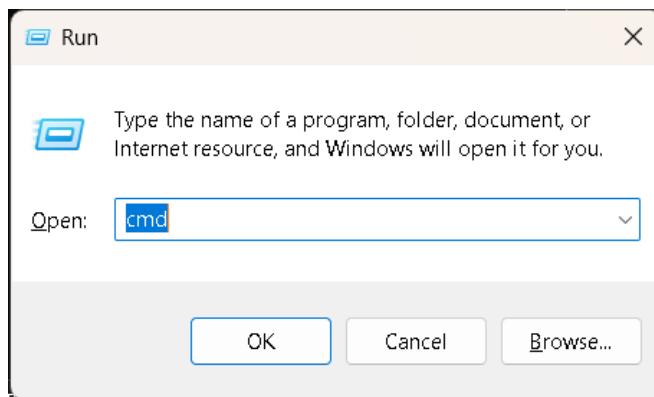
- a. Open the ffmpeg folder and open bin in it then copy the location of it.
- b. Press **Win + S**, type: environment and open **Edit the system environment variables**.
- c. Click **Environment Variables**.
- d. Under **System variables**, select Path and click **Edit**.
- e. Then click ok to save.



iii) Verify Installation

- Open Command Prompt (Win + R, type cmd and press enter)

ffmpeg -version run these command



```

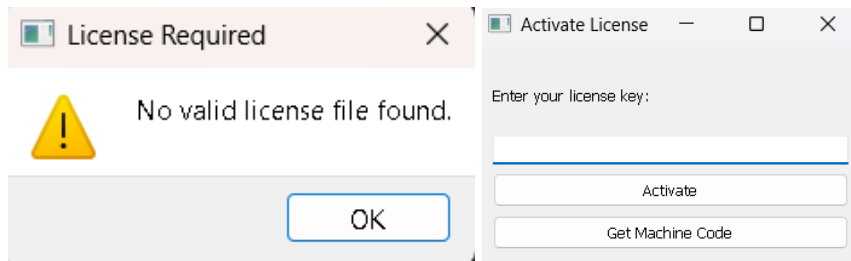
Microsoft Windows [Version 10.0.26100.4061]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>ffmpeg -version
ffmpeg version 2025-05-12-git-8ce32a7cbb-full_build-www.gyan.dev Copyright (c) 2000-2025 the FFmpeg developers
built with gcc 15.1.0 (Rev2, Built by MSYS2 project)
configuration: --enable-gpl --enable-version3 --enable-static --disable-w32threads --disable-autodetect --enable-fontcon
fig --enable-iconv --enable-gnutls --enable-lcms2 --enable-libxml2 --enable-gmp --enable-bzlib --enable-lzma --enable-li
psnappy --enable-zlib --enable-librist --enable-lisrt --enable-libssh --enable-libzmq --enable-avisynth --enable-libblu
ray --enable-libcaca --enable-libdvdnav --enable-libdvdread --enable-sdl2 --enable-libaribb24 --enable-libaribcaption --
enable-libdav1d --enable-libdav1s --enable-libopenjpeg --enable-libquirc --enable-libuavs3d --enable-libxvid --enable-li
bavcodec --enable-libx264 --enable-libx265 --enable-libxavs2 --enable-libxvid --enable-libaom --enable-libjxl --enable-libvpx --enabl
e-mediafoundation --enable-libass --enable-frei0r --enable-libfreetype --enable-libfribidi --enable-libharfbuzz --enable
-lb-lensfun --enable-libvidstab --enable-libvmaf --enable-libzimg --enable-amf --enable-cuda-llvm --enable-cuvid --enabl
e-dxva2 --enable-d3d11va --enable-d3d12va --enable-ffnvcodec --enable-libvpl --enable-nvdec --enable-nvenc --enable-vaap
i --enable-libshaderc --enable-vulkan --enable-libplacebo --enable-openccl --enable-libcdio --enable-libgme --enable-libm
pdplug --enable-libopenmpt --enable-libopencore-amrwb --enable-libmp3lame --enable-libshine --enable-libtheora --enable-libt
wola --enable-libvo-amrwbenc --enable-libvorbis --enable-libilbc --enable-libgsm --enable-libl3 --enable-libopenc
ore-amrnb --enable-libopus --enable-lspspeex --enable-libvorbis --enable-ladspa --enable-libbs2b --enable-libflite --ena
ble-libmysofa --enable-librubberband --enable-libsoxr --enable-chromaprint
libavutil 60. 2.100 / 60. 2.100
libavcodec 62. 3.101 / 62. 3.101
libavformat 62. 0.102 / 62. 0.102
libavdevice 62. 0.100 / 62. 0.100
libavfilter 11. 0.100 / 11. 0.100
libswscale 9. 0.100 / 9. 0.100
libswresample 6. 0.100 / 6. 0.100

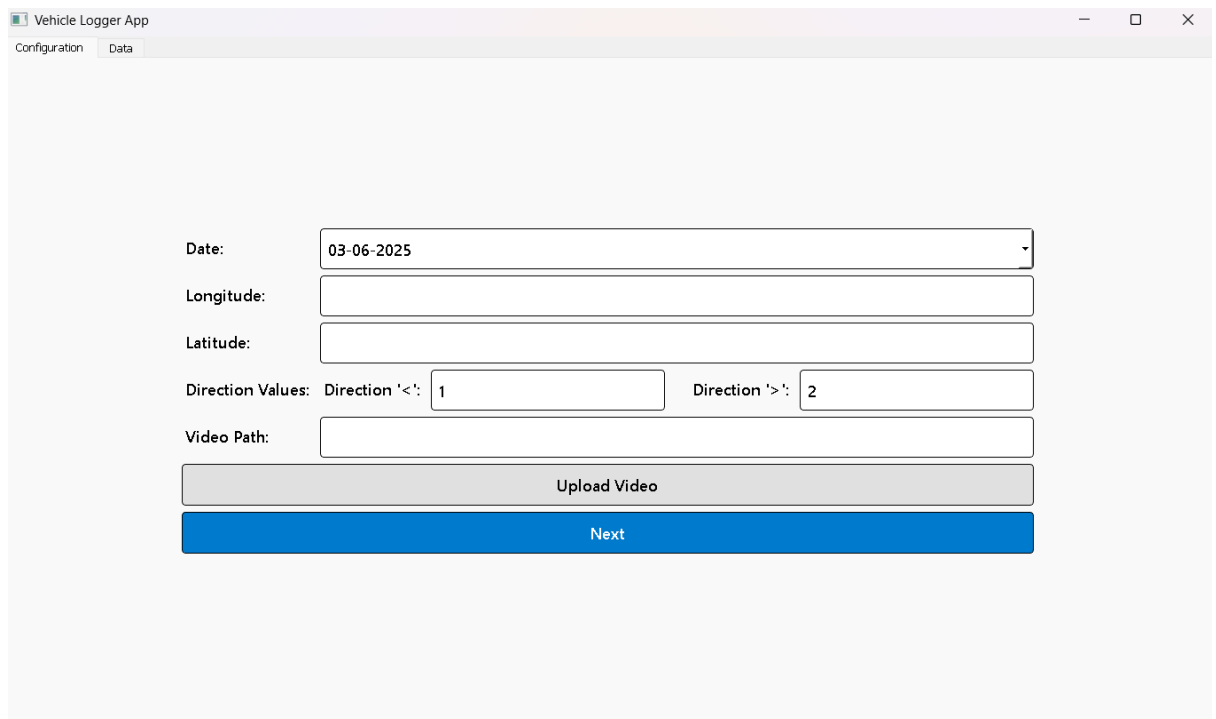
Exiting with exit code 0

```

- 3) Now open the dist folder then you will see the ProductKeyValidator.exe file double click it to run after running if have the product key it will run other wise it will ask for license key



- 4) After entering the license key it opens like



- 5) Upload the video if the video size is >15mb its will take some time to compress the video after compressing the video it will add the file name to path as below

Vehicle Logger App

Configuration Data

Date: 03-06-2025

Longitude:

Latitude:

Direction Values: Direction '<': 1 Direction '>': 2

Video Path: C:/Users/sowmy/Downloads/20240603120000_20240603123013_1_compressed_temp.mp4

Upload Video

Next

6) Then click the next button the interface be like below

Vehicle Logger App

Configuration Data

Delete All

Save Type: CSV Save Save As

DIR 1 Buffer: ... Timestamp: 12:00:01

TDate TTime WB DIR AXLES

06-03-2024 Mon 12:00:01

NH-05 CHAHAR TP TW- MALAKPUR PET (CHANDIGARH)

Time: 00:01

Upload Video Pause Back Forward Speed: 1.00x

Vehicle No: Vehicle Name: Direction '< 1' '2 >': Axle Value :

No 1/2 Add

H HCV M MAV O OSV R RICKS 1 BICYCLE 2 2W 3 3W 4 TRACTOR 5 T TRAILER 6 SCV 7 LMV 8 LCV 9 MCV 0 DSM 2 ANIMAL A AMBULANCE CAR V PRIVATE BUS

7) It has features Like:

- We can delete all the table data by clicking the **Delete All** button
- We can save the logs in two type default CSV and other is EXCEL.
- DIR indicates vehicle direction (by 1 or 2)
- Buffer is meant to handle **time delay**

- v) **Timestamp:** real-time video timestamp display (12:00:01)
- vi) **Upload Video** is used to upload new video by compressing if it > 15mb
- vii) The **Forward and Back** buttons in your Vehicle Logger App appear to control **video scrubbing** — jumping forward or backward by a few seconds.
- viii) The **Vehicle No** field is used to select the vehicle. After that, the focus moves to the **Vehicle Name**. Once a name is selected, the focus shifts to the **Direction** input. If the vehicle has an axle type, the focus then moves to the **Axle** input; otherwise, it moves directly to the **Add** button. Pressing **Enter** will add the log to the table.