

# Windows

## Installing OpenCV on Windows for C++

### Step 1

Go to <https://github.com/opencv/opencv> (<https://github.com/opencv/opencv>) and download the Latest Release

Extract Files to local drive e.g. D:

## OpenCV 4.5.0

 alalek released this on Oct 12 · 320 commits to master since this release

OpenCV 4.5.0 has been released.

 Change log is [here](#).

sha256 sums for packages:

d1b13f859cb5fbd79cb5902b9c0a8e2232d998e7561039820bba85666e36d5b2	opencv-4.5.0-android-sdk.zip
c91d0376570c56af0af5393af5bd067073ad21769dd30589dc352af7899179d4	opencv-4.5.0-dldt-2021.1-vc16-avx2.7z
f54e3874cb3d52ec66d962a8626e2cbb3cbf4a7bb0e9aaca19ec6ddb628f8eee	opencv-4.5.0-dldt-2021.1-vc16-avx2-debug.7z
79db98d94acf52f31957c3b5f91018bf86a2e5ad7a9cf75a99af2eac0a1eee2d	opencv-4.5.0-dldt-2021.1-vc16-avx2.zip
7118390015ae5cfe709dbc2d3557b68fbb054fc167403d352292376f29ff86a9	opencv-4.5.0-docs.zip
ad60e16d9490a87e818df52ba2b2b9aef64e050a1865a36516634fdb1410b092	opencv-4.5.0-ios-framework.zip
65c6b872cfc1f55f8bedee8b64dc9c4c549035a566ac5ace622a4627c03bcf9	opencv-4.5.0-vc14_vc15.exe

### Assets 9

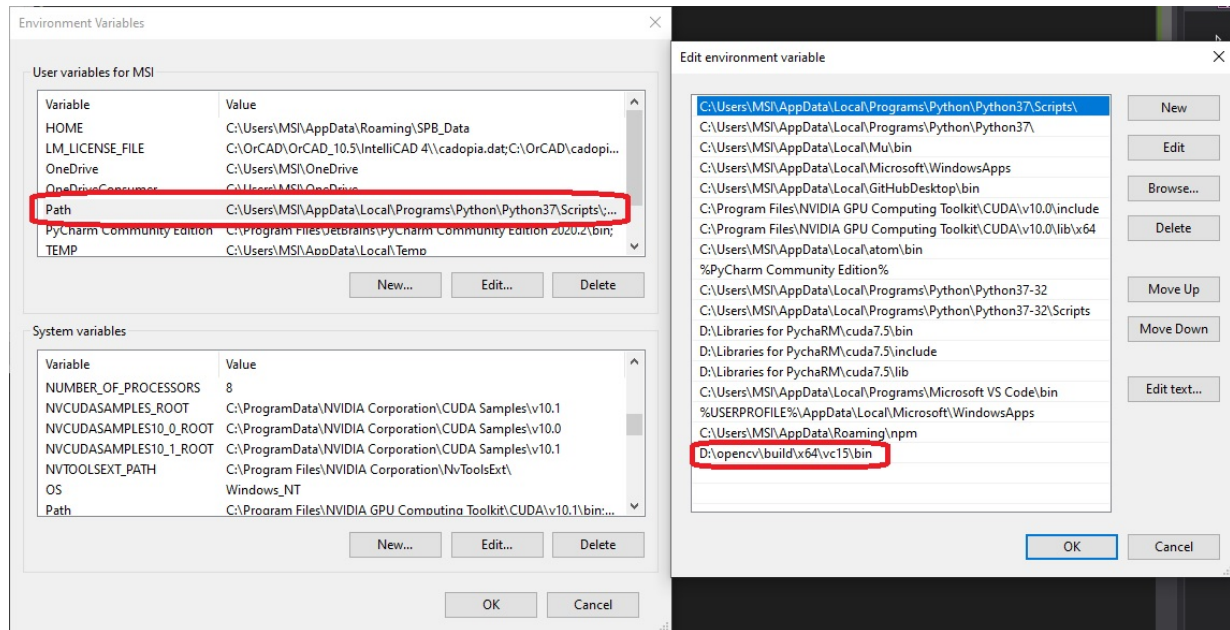
 opencv-4.5.0-android-sdk.zip	232 MB
 opencv-4.5.0-dldt-2021.1-vc16-avx2-debug.7z	183 MB
 opencv-4.5.0-dldt-2021.1-vc16-avx2.7z	154 MB
 opencv-4.5.0-dldt-2021.1-vc16-avx2.zip	232 MB
 opencv-4.5.0-docs.zip	82.3 MB
 opencv-4.5.0-ios-framework.zip	182 MB
 opencv-4.5.0-vc14_vc15.exe	209 MB
 Source code (zip)	
 Source code (tar.gz)	

## Step 2

Add bin folder to the Environment Variables path

D:\opencvbuildx64vc15bin

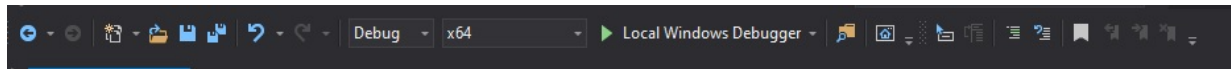
Restart computer



## Step 3

Create a New Visual Studio project C++ console.

Set the platform target to x64



## Step 4

Add Directories by going to Project-Properties-Configuration Properties-

```

1 VC++ Directories
2   1. Add Build Directories: D:\opencv\build\include
3   2. Add Library Directories: D:\opencv\build\x64\vc15\lib
4 Linker Input
5   3. Add Linker input: opencv_world450d.lib
6     d for debug without d for release
7

```

