

Installing and setting up the OpenCV library

On Windows

1. Download OpenCV library from [OpenCV download page](https://sourceforge.net/projects/opencvlibrary/) (https://sourceforge.net/projects/opencvlibrary/)
2. Run the downloaded *.exe file and extract the library into your specific directory.
3. The example requires correctly set OpenCVDDir user macro in cv.props property sheet of the example. If the macro is not set correctly the example can't be build! Use one of following methods:
 - a. **(requires administrator rights)** Follow [InstallGuide](https://docs.opencv.org/3.4.3/d3/d52/tutorial_windows_install.html) (https://docs.opencv.org/3.4.3/d3/d52/tutorial_windows_install.html) to correctly set up environment variables. OPENCV_DIR environment variable and added path to opencv*.dll libraries to system **Path** variable (%OPENCV_DIR%\bin\). If **Path** is not set correctly example will not work!
 - b. Set user macro OpenCVDDir in the cv.props property sheet accordingly to the [InstallGuide](#) in a) section. Please copy the opencv*.dll into the example directory, otherwise the example will not work!

On Linux

Easiest way to install OpenCV on linux is to install it using *apt* (Debian, Ubuntu):

```
sudo apt-get install libopencv-dev python-opencv
```

Another way is to download latest package from [OpenCV download page](https://sourceforge.net/projects/opencvlibrary/) (https://sourceforge.net/projects/opencvlibrary/) and build and install it yourself, you can follow [OpenCV install guide](https://docs.opencv.org/3.4.3/d7/d9f/tutorial_linux_install.html) (https://docs.opencv.org/3.4.3/d7/d9f/tutorial_linux_install.html)