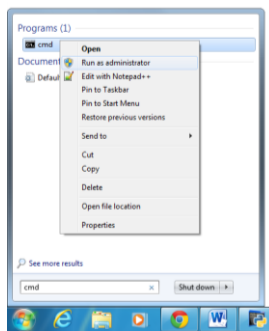# Installation Guide for Python, Numpy, OpenCV on Windows
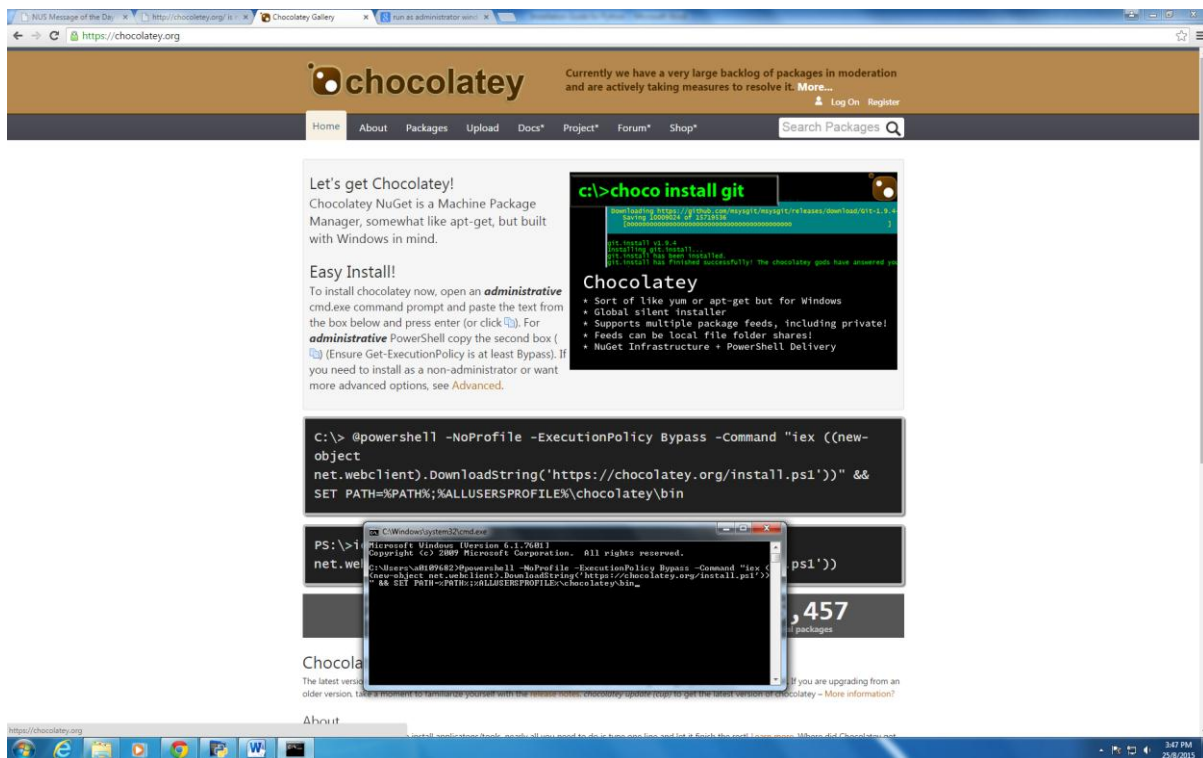
I am trying to use package manager chocolatey(http://chocolatey.org/) to install all the above softwares.

Install Chocoletey

Step1: run as administrator to open windows terminal

Step2: copy install script into terminal https://chocolatey.org/, hit enter

Install Python 2.7 (32bit)

Step1: type "choco install python2-x86_32 -y" into windows terminal, hit enter

Python 2.x (32-bit) 2.7.10

By: chocolatey purity

Python 2.x is a programming language that lets you work more quickly and integrate your systems more effectively. You can learn to use Python 2.x and see almost immediate gains in productivity and lower maintenance costs. ### Note This package installs the latest stable version of Python 2.x 32-bit, even on 64-bit systems. Do not install this one. More information

`C:\> choco install python2-x86_32`

```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\a0109682>choco install python2-x86_32 -y
```

in-one_win32_py2.7

Install Numpy

Step1: type "choco install numpy -y" into windows terminal, hit enter

numpy 1.8.1

By: zippy1981 ariovistus

NumPy is a general-purpose array-processing package designed to efficiently manipulate large multi-dimensional arrays of arbitrary records without sacrificing too much speed for small multi-dimensional arrays. NumPy is built on the Numeric code base and adds features introduced by numarray as well as an extended C-API and the abili... More information

593 downloads

`C:\> choco install numpy`

```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\a0109682>choco install numpy -y
```

Step2: click yes to finish all

Install OpenCV

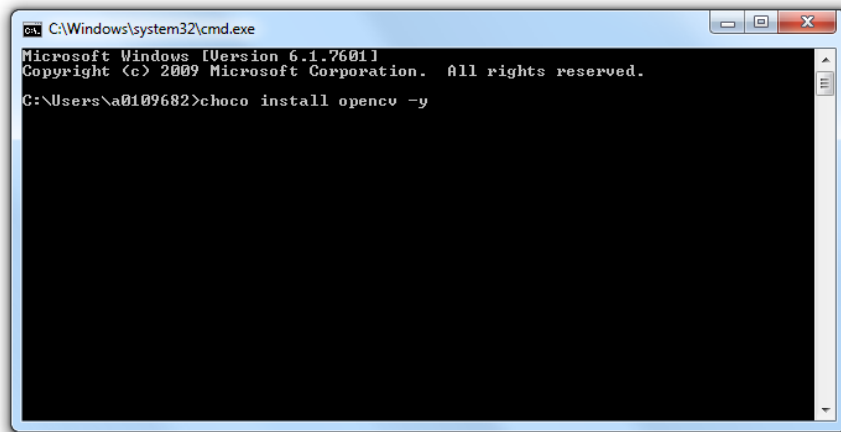Step1: type "choco install opencv -y" into windows terminal, hit enter

OpenCV 2.4.9.20140518

By: kyann

OpenCV (Open Source Computer Vision Library) is an open source computer vision and machine learning software library.

1,707 downloads | Tags opencv

```
C:\> choco install opencv
```


Step2: copy OpenCV python library(cv2.pyd) to python library folder

Source:

File: cv2.pyd

Path: C:\OpenCV249\opencv\build\python\2.7\x86\cv2.pyd

Destination:

File: cv2.pyd

Path: C:\tools\Python2-x86_32\Lib\site-packages\cv2.pyd