

Setup opencv for Python in Windows using Visual Studio (Tested on WinXP and win7)

1. Install python2.6.x or python2.7.x (<http://www.python.org/>)
2. Install numpy and scipy (<http://numpy.scipy.org/>)
3. Add system path
 - a. Right click "my computer" → "Properties" → "Advanced" → "Environment Variables"
 - b. Edit the "PATH" variables. You should change either in "User variables for [YOUR_USER_NAME]" or "System variables"
 - c. Add the path where python is installed to the end e.g. "...;c:\python2.6"
 - i. Make sure the ';' exists before your path.
4. Open CMAKE to compile Opencv as usual
5. Check the GROUP and ADVANCE box in CMAKE
6. Click the "Configure" Button
7. Open the PYTHON section
8. CMAKE should be able to detect the path to PYTHON and its library EXCEPT the PYTHON_DEBUG_EXECUTABLE. (It is OK!)
9. Click the "Configure" button again
10. Click the "generate" button
11. Open the generated solution file
- 12. change to RELEASE build**
13. Build and install as usual
14. After compilation complete, find the compiled python lib. It should located in the folder you build the opencv library. (e.g. c:\OpenCV\vs2008\python2.7\site-package)
15. Copy all the file in that folder (only two files)
16. Paste them into the Lib\site-package folder to where your python is installed. (e.g. C:\python27\Lib\Site-package\)
17. DONE