1. 下载opencv3.1.0源码：<https://github.com/opencv/opencv/releases?page=5>
2. 下载opencv3.1.0-contrib：<https://github.com/opencv/opencv_contrib/releases/tag/3.1.0>
3. 下载cmake3.8.0（使用高版本会报错）：<https://github.com/Kitware/CMake/releases?page=13> （根据系统版本选择，我的是64位）

注意，有时候cmake3.8.0版本对于win10来说太低了，需要使用高一点的版本，如

Cmake-3.13.1，下载地址：

<https://github.com/Kitware/CMake/releases?page=12>

1. 解压opencv3..0以及contrib源码
2. 打开cmake-gui
3. 填写opencv3.2.0源码路径和目标路径然后点击config

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7，在弹出的对话框中下载vs2015 64位，点击完成

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1. config成功后，出现如下界面

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1. 拖动滑块到OPENCV\_EXTRA\_MODULES\_PATH并且点击选择contrib模块所在路径

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9.点击generate,就可以生成vs2015 64位过程，用vs2015打开，找到CMakeTargets下INSTALL ,右键，

第一次编译选择生成，再次编译选择重新生（需要编译2次哦）

编译成功后，创建一个文件夹结构如下图

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10 将opencv项目的Build目录里面的install目录的include目录里面的所有文件夹，注意opencv和opencv2拷贝到

opencv3.1X64的include目录下面，install\x64\vc14\lib的文件全部复制到opencv3.1X64的lib目录下面，将install\x64\vc14\bin目录下面的所有dll文件

拷贝到C:\windows\system32\下面

1. 创建一个工程，选择c++空项目，如Project1
2. 点击属性-》VC++ Directries-》Include Directries-》点击编辑-》新增-》添加opencv3.1X64的include目录
3. 点击属性-》VC++ Directries-》Library Directries->点击编辑-》新增-》opencv3.1X64的lib目录
4. 点击属性-》Linker-》input-》Additional Dependences-》选择“edit”-》
5. 在输入框中输入所以的lib文件名：如下：也可以使用通配符如\*.lib

|  |
| --- |
| opencv\_aruco320.lib  opencv\_bgsegm320.lib  opencv\_bioinspired320.lib  opencv\_calib3d320.lib  opencv\_ccalib320.lib  opencv\_core320.lib  opencv\_datasets320.lib  opencv\_dnn320.lib  opencv\_dpm320.lib  opencv\_face320.lib  opencv\_features2d320.lib  opencv\_flann320.lib  opencv\_fuzzy320.lib  opencv\_highgui320.lib  opencv\_imgcodecs320.lib  opencv\_imgproc320.lib  opencv\_line\_descriptor320.lib  opencv\_ml320.lib  opencv\_objdetect320.lib  opencv\_optflow320.lib  opencv\_phase\_unwrapping320.lib  opencv\_photo320.lib  opencv\_plot320.lib  opencv\_reg320.lib  opencv\_rgbd320.lib  opencv\_saliency320.lib  opencv\_shape320.lib  opencv\_stereo320.lib  opencv\_stitching320.lib  opencv\_structured\_light320.lib  opencv\_superres320.lib  opencv\_surface\_matching320.lib  opencv\_text320.lib  opencv\_tracking320.lib  opencv\_video320.lib  opencv\_videoio320.lib  opencv\_videostab320.lib  opencv\_xfeatures2d320.lib  opencv\_ximgproc320.lib  opencv\_xobjdetect320.lib  opencv\_xphoto320.lib |

编译运行通过