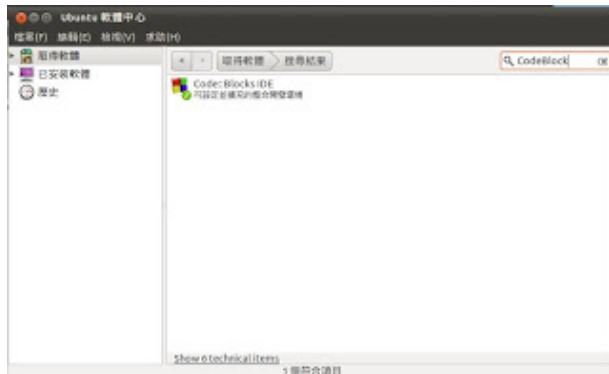


## Ubuntu環境下安裝OpenCV及Code::Block

1. 請先更新軟體列表輸入 ***sudo apt-get update***
2. 搜尋一下Opencv有哪些套件輸入 ***sudo apt-cache search opencv***  
harpia - Image Processing/Computer Vision Automatic Prgm. Tool  
libcv-dev - development files for libcv  
libcv2.1 - computer vision library  
libcvaux-dev - development files for libcvaux  
libcvaux2.1 - computer vision extension library  
libhighgui-dev - development files for libhighgui  
libhighgui2.1 - computer vision GUI library  
opencv-doc - OpenCV documentation and examples  
python-opencv - Python bindings for the computer vision library
3. 若全部安裝輸入 ***sudo apt-get install harpia libcv-dev libcv2.1 libcvaux-dev libcvaux2.1 libhighgui-dev libhighgui2.1 opencv-doc python-opencv***

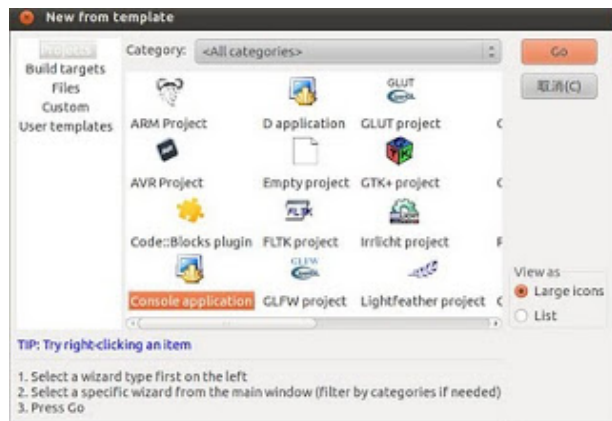
以上則完成OpenCV套件的安裝，接下來則設定Code::Block的編譯環境設定。  
若沒裝Code::Block只要到"Ubuntu 軟體中心"搜尋CodeBlock則可找到套件安裝。



[[http://3.bp.blogspot.com/-](http://3.bp.blogspot.com/-clfwHlx9rR8/TVZPzu23dal/AAAAAAAAANE/SiCdyT_FQGY/s1600/result.JPG)

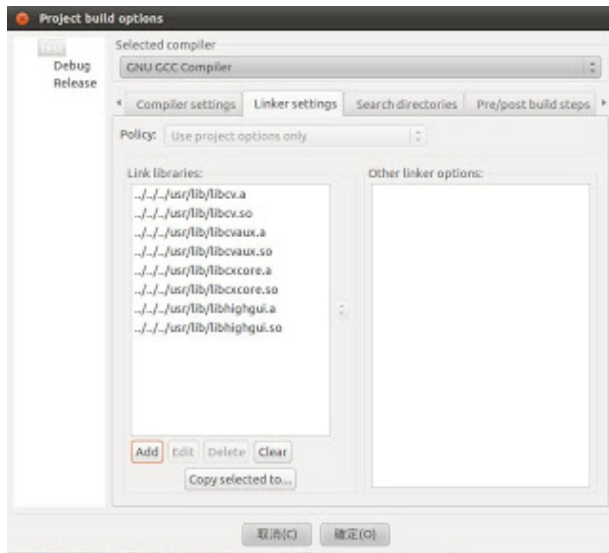
[clfwHlx9rR8/TVZPzu23dal/AAAAAAAAANE/SiCdyT\\_FQGY/s1600/result.JPG](http://3.bp.blogspot.com/-clfwHlx9rR8/TVZPzu23dal/AAAAAAAAANE/SiCdyT_FQGY/s1600/result.JPG)]

1. 先開啟一個新專案"File -> New -> Project"然後選擇Console application，語言選擇C  
輸入專案名稱跟儲存的路徑。



[\[http://4.bp.blogspot.com/-8zJHhX5a8U0/TVZLQIZjNZI/AAAAAAAAAMs/J7uwvbKaIW4/s1600/result.JPG\]](http://4.bp.blogspot.com/-8zJHhX5a8U0/TVZLQIZjNZI/AAAAAAAAAMs/J7uwvbKaIW4/s1600/result.JPG)

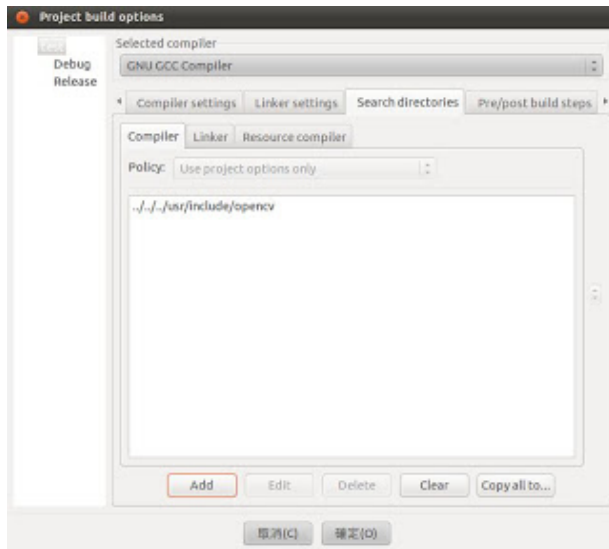
2. 在Project -> Build options到Linker settings然後在Link Libraries中  
add入函式庫路徑為/usr/lib/  
選擇  
libcv.a 、libcv.so  
libcxcore.a 、libcxcore.so  
libcvaux.a 、libcvaux.so  
libhighgui.a 、libhighgui.so



[<http://3.bp.blogspot.com/-1veWDF5sv70/TVZNdzXQOdI/AAAAAAAAAM4/h4vKEivunfA/s1600/result.JPG>]

3. 接下來切換到Search directories

在Compiler的地方匯入 `/usr/include/opencv/`

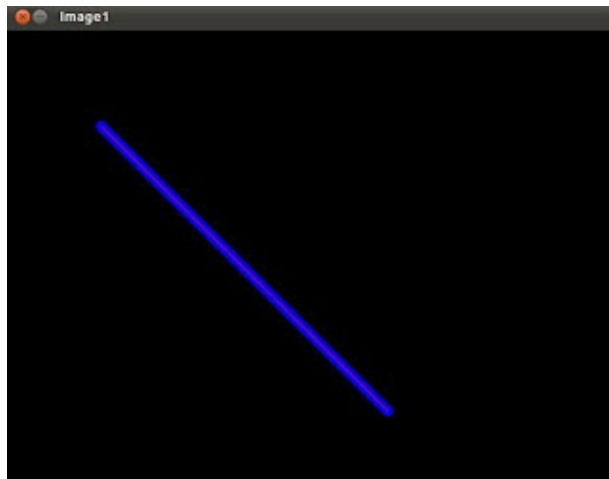


[[http://1.bp.blogspot.com/-](http://1.bp.blogspot.com/-B1JOHomOjG4/TVZN-lkA9EI/AAAAAAAAAM8/7udflauWXRm/s1600/result.JPG)

[B1JOHomOjG4/TVZN-lkA9EI/AAAAAAAAAM8/7udflauWXRm/s1600/result.JPG](http://1.bp.blogspot.com/-B1JOHomOjG4/TVZN-lkA9EI/AAAAAAAAAM8/7udflauWXRm/s1600/result.JPG)]

4. 按確認後就可以開始寫程式了，我將測試畫線的程式

[<http://mytipsblog.blogspot.com/2011/02/cvline.html>] 來測試。



[[http://3.bp.blogspot.com/-53CjUyGpgFA/TVZPF7WcYqI/AAAAAAAAANA/JSKPioIErxg/s1600/r](http://3.bp.blogspot.com/-53CjUyGpgFA/TVZPF7WcYqI/AAAAAAAAANA/JSKPioIErxg/s1600/result.JPG)  
[esult.JPG](http://3.bp.blogspot.com/-53CjUyGpgFA/TVZPF7WcYqI/AAAAAAAAANA/JSKPioIErxg/s1600/result.JPG)]

完成。

參考來源 [<http://www.wretch.cc/blog/courageapple/20802025>]

張貼時間：12th February 2011，張貼者：[Weiyu Lai](#)

標籤: [OpenCV](#), [Ubuntu](#)

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