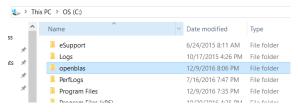
在 Windows OS 下安裝 OpenBLAS

- 1. 請先下載並試跑下列的 CNN 測試程式,如有下列 B. Error message 請安裝第 4 步驟的 OpenBLAS;如順利執行則不需要安裝 (不用執行完,可以成功看到 C 圖即可)。
 - A. CNN 測試程式 https://github.com/fchollet/keras/blob/master/examples/mnist cnn.py
 - B. Error message

AssertionError: AbstractConv2d Theano optimization failed: there is no implementation available supporting the requested options. Did you exclude both "conv_dnn" and "conv_gemm" from the optimizer? If on GPU, is cuDNN available and does the GPU support it? If on CPU, do you have a BLAS library installed Theano can link against?

C. Training verbose

- 2. 在 Windows Anaconda2 上安裝 OpenBLAS (加速 CPU 運算速度)
- A. 下載 OpenBLAS
- B. https://github.com/chihfanhsu/hand-on-dl/blob/master/openblas.zip
- C. 將解壓縮後的資料夾放在 C:



- D. 將 C:\openblas\include 内的檔案全部複製放進以下 Anaconda 的資料夾 C:\Program Files\Anaconda2\include
 - C:\Program Files\Anaconda2\MinGW\x86 64-w64-mingw32\include
- E. 將 C:\openblas\lib 内的檔案全部複製放進
 - C:\Program Files\Anaconda2\MinGW\x86 64-w64-mingw32\lib
- F. 將 C:\Users\[user name]\AppData\Local\Theano 資料夾内的檔案全都刪除
- G. 重新開啓 Anaconda Prompt
- H. 如果還是有問題請來信 chihfan@iis.sinica.edu.tw 並請您附上錯誤訊息