

DOSBOX 使用方法

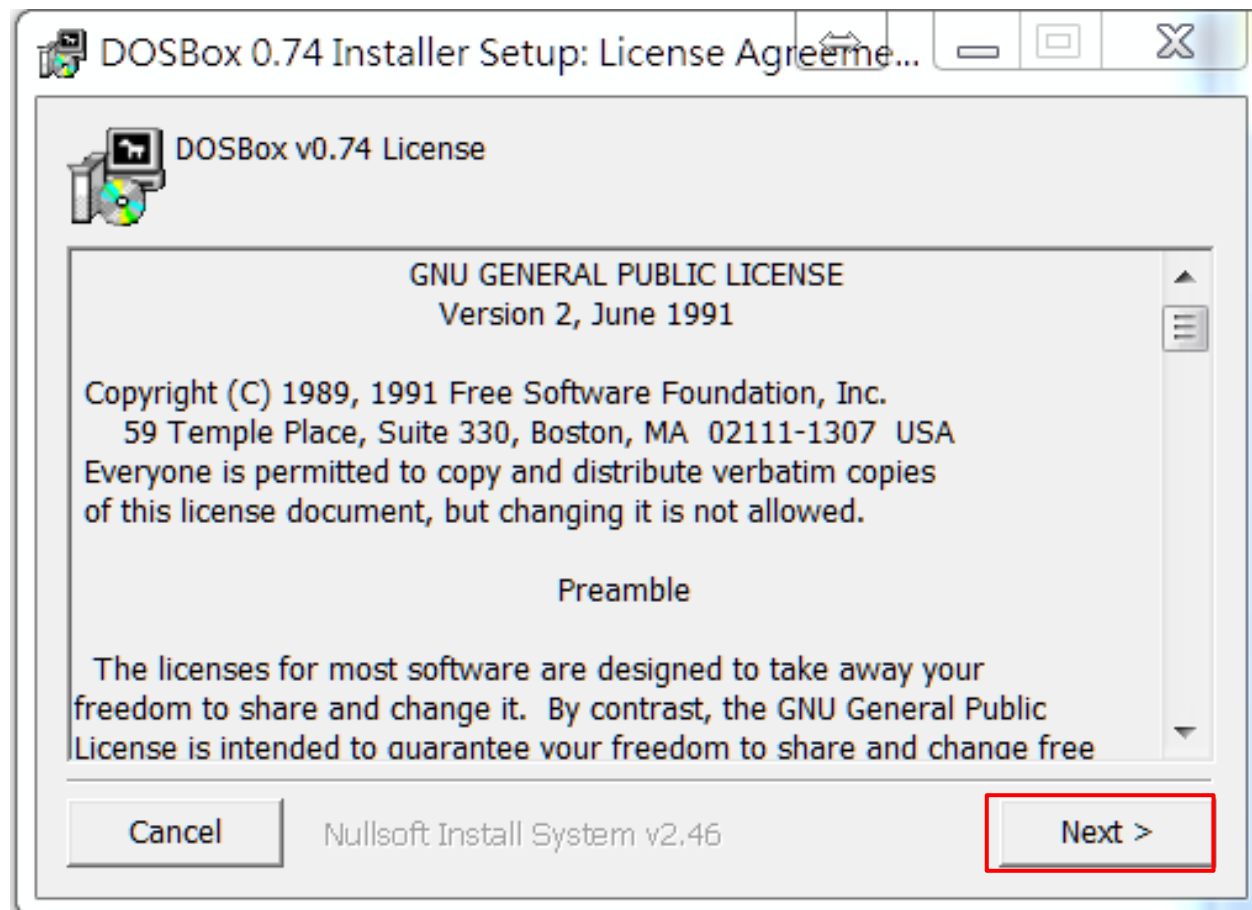
Why DOSBox?

- 由於在Windows 7 64bit版本無法使用組譯器，因此我們使用DOSBox來執行組譯器

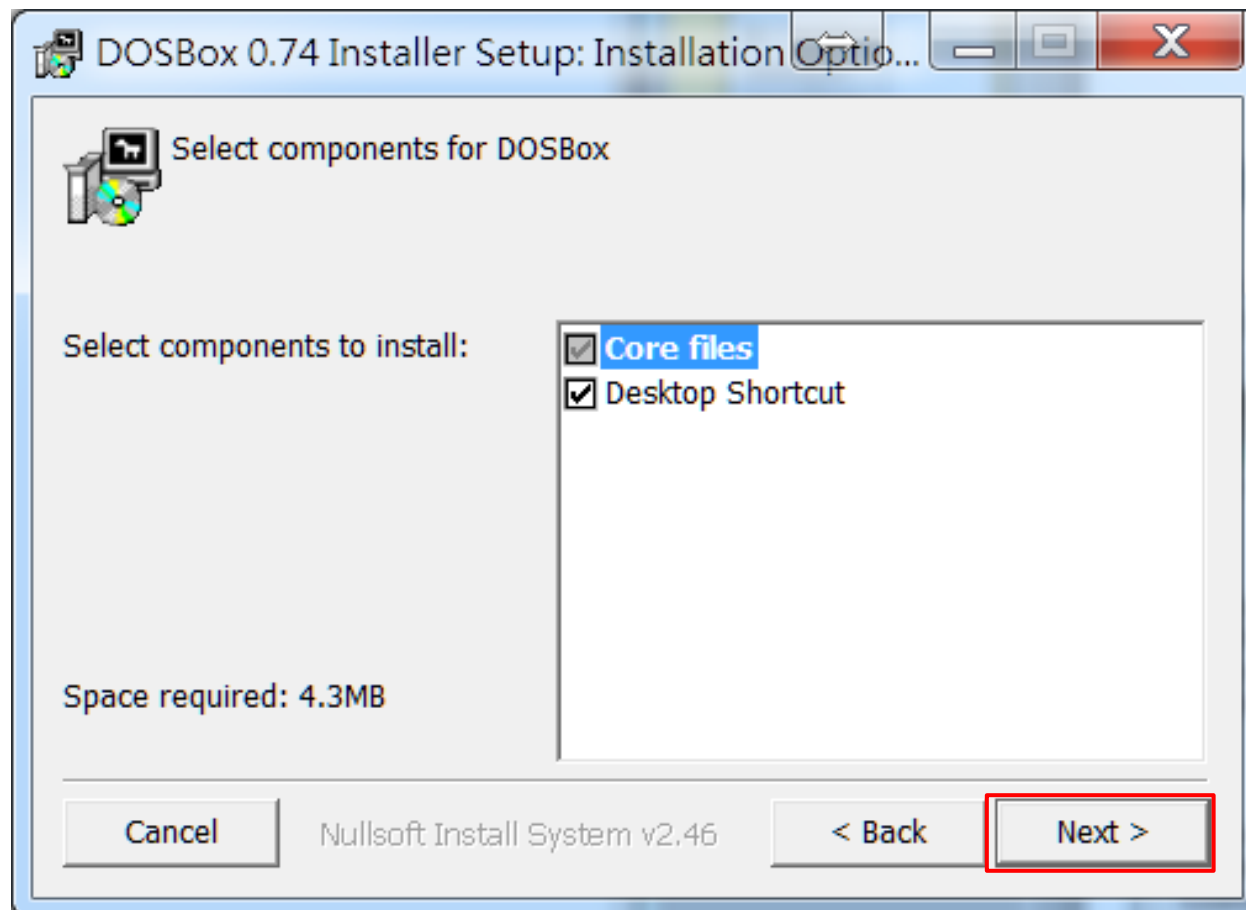
安裝DOSBox

- 解壓縮x8051_for_win7
- 執行資料夾中的DOSBox0.74-win32-installer

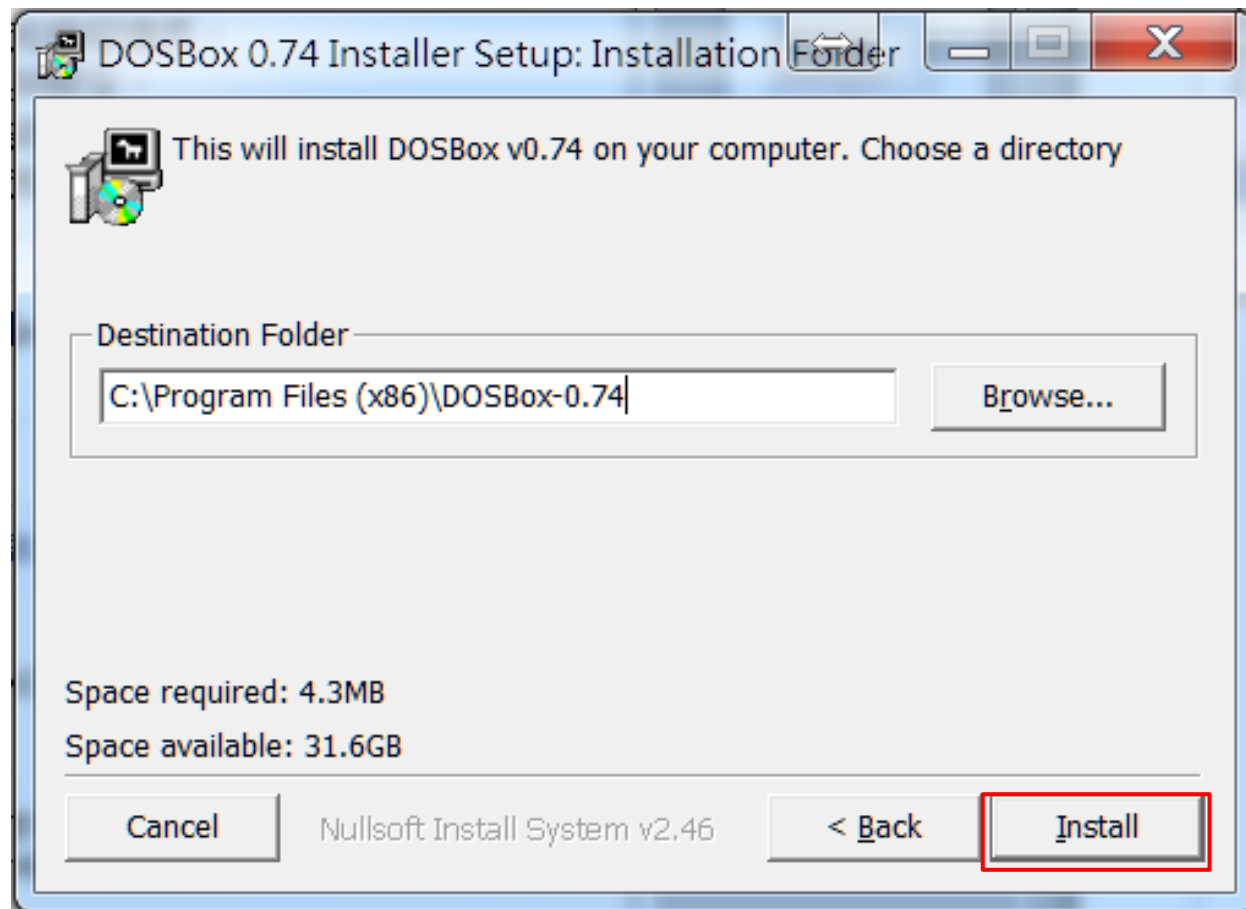
安裝DOSBOX



安裝DOSBOX

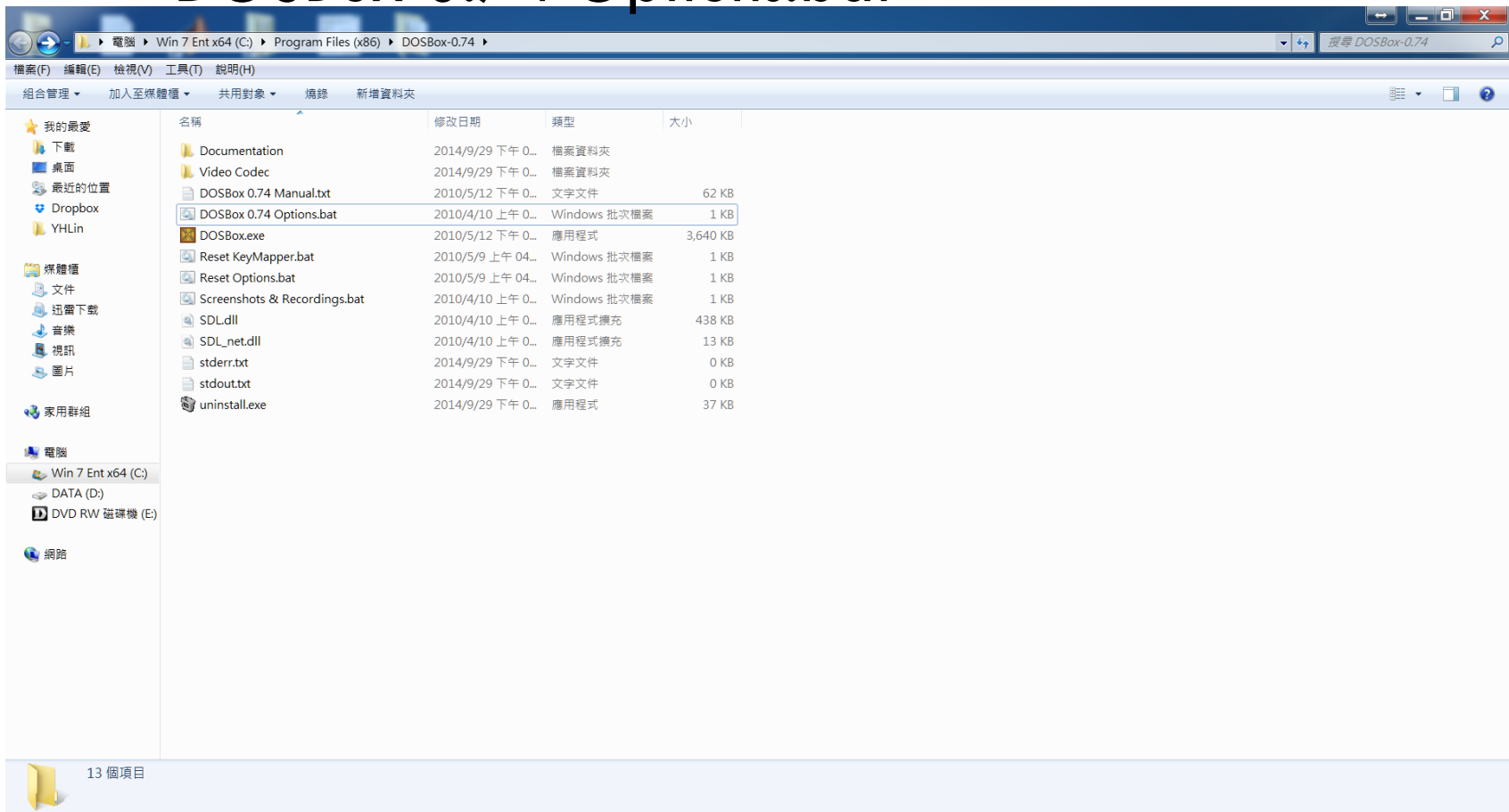


安裝DOSBOX

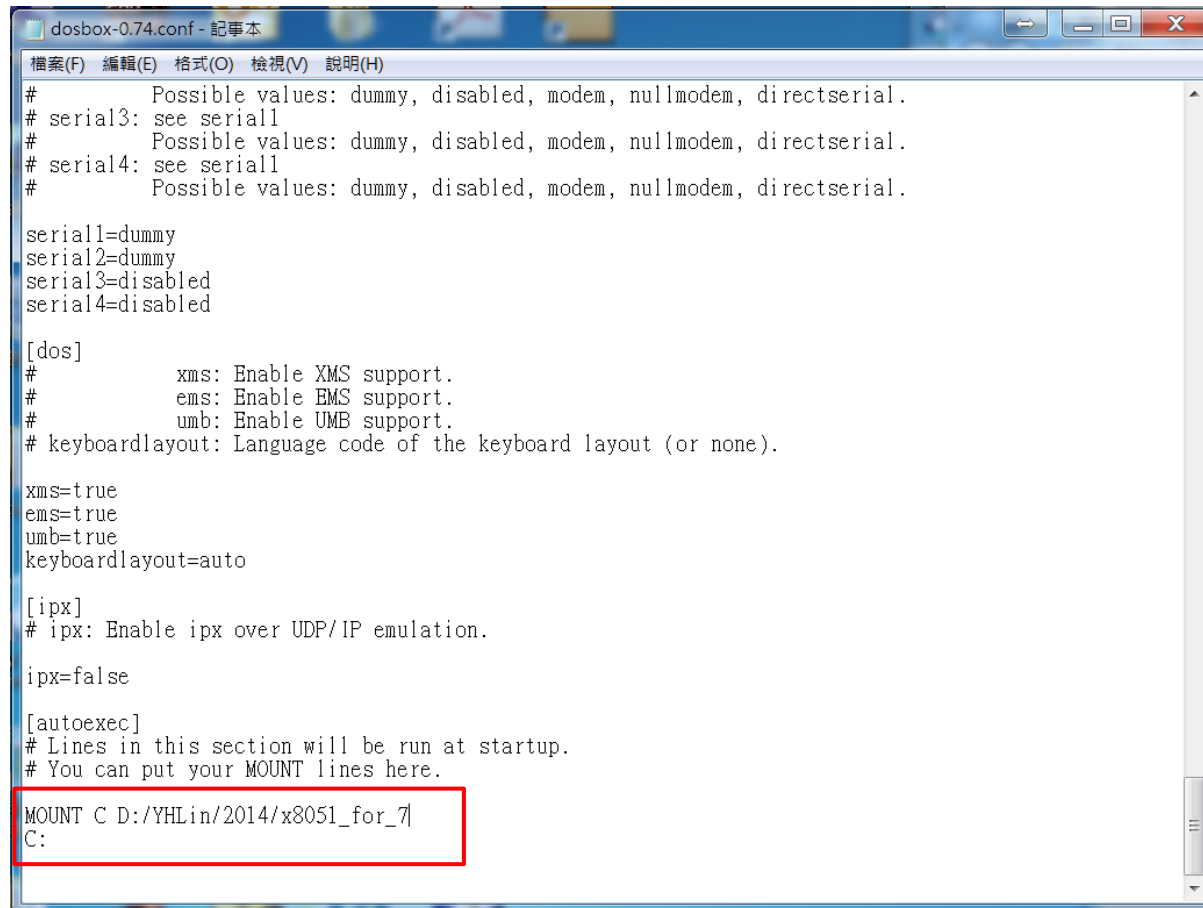


修改DOSBOX的Configuration

執行DOSBox資料夾內的 DOSBox 0.74 Options.bat



修改DOSBOX的Configuration



```
dosbox-0.74.conf - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明(H)
# Possible values: dummy, disabled, modem, nullmodem, directserial.
# serial3: see serial1
# Possible values: dummy, disabled, modem, nullmodem, directserial.
# serial4: see serial1
# Possible values: dummy, disabled, modem, nullmodem, directserial.

serial1=dummy
serial2=dummy
serial3=disabled
serial4=disabled

[dos]
# xms: Enable XMS support.
# ems: Enable EMS support.
# umb: Enable UMB support.
# keyboardlayout: Language code of the keyboard layout (or none).

xms=true
ems=true
umb=true
keyboardlayout=auto

[ipx]
# ipx: Enable ipx over UDP/IP emulation.

ipx=false

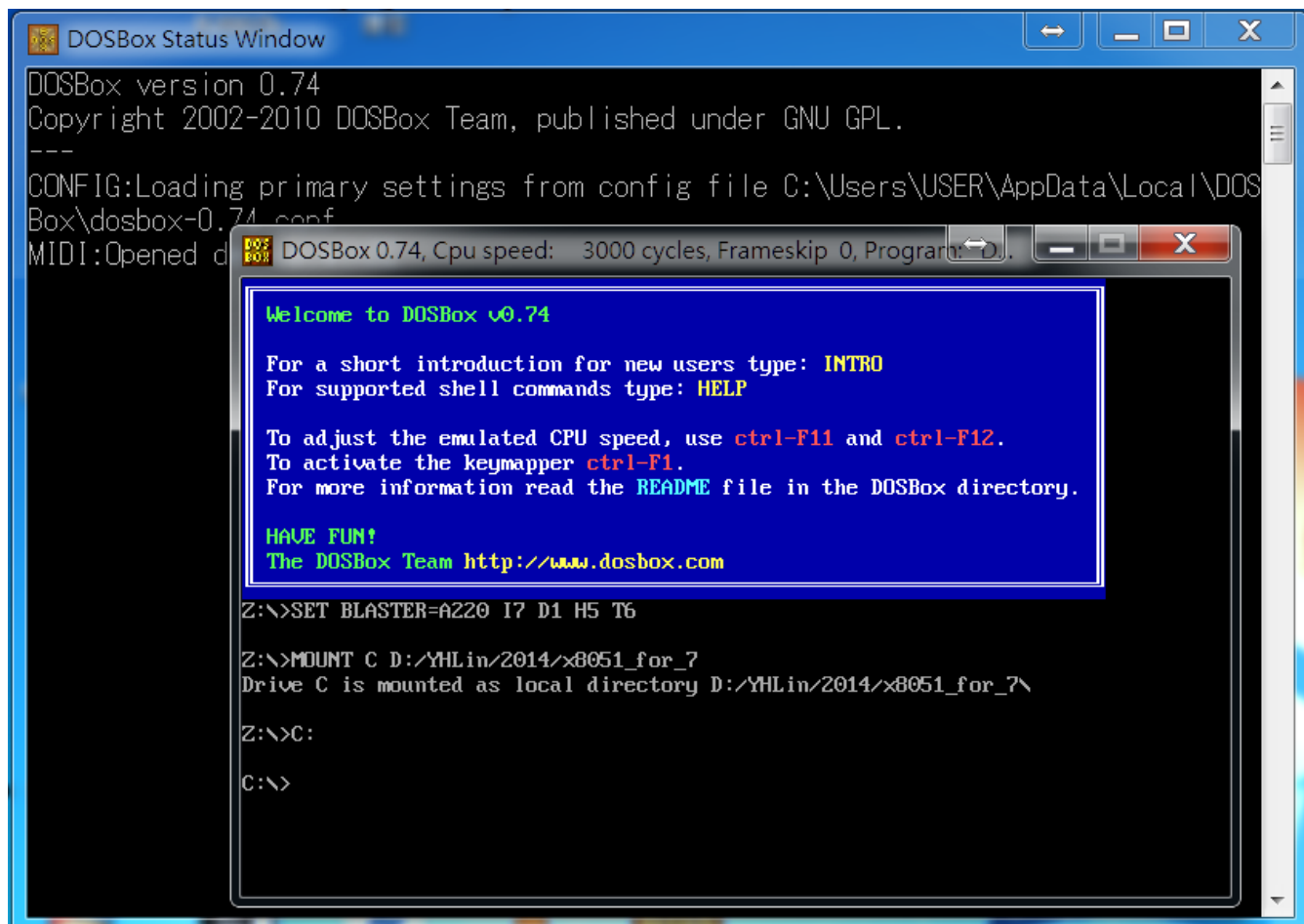
[autoexec]
# Lines in this section will be run at startup.
# You can put your MOUNT lines here.
MOUNT C D:/YHlin/2014/x8051_for_7
C:
```


修改DOSBOX的Configuration

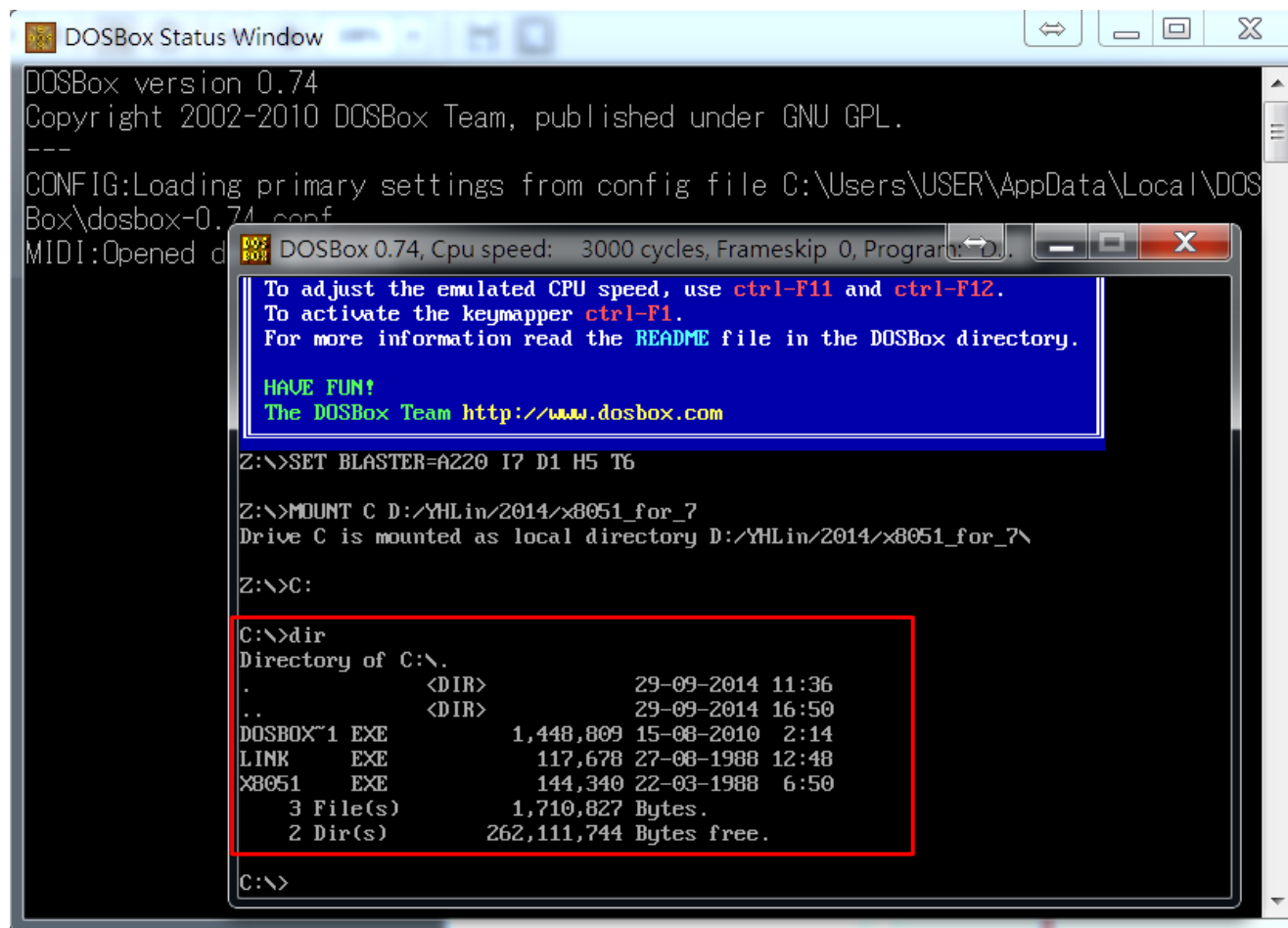
- 在文件的最後部分輸入以下
- MOUNT 磁區 編譯器所在位置
- 磁區位置:
- EX: MOUNT C D:/YHLin/2014/x8051_for_7
C:
- 注意!MOUNT的路徑不能含有空格
- 路徑前一個字母為自己定義的磁區位置，與下一行的C:是同一磁區

完成畫面

執行桌面上的DOSBOX



輸入dir檢查組譯器是否有磁區內



DOSBox Status Window

DOSBox version 0.74
Copyright 2002-2010 DOSBox Team, published under GNU GPL.

CONFIG:Loading primary settings from config file C:\Users\USER\AppData\Local\DOSBox\dosbox-0.74.conf
MIDI:Opened d

DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: D:\.

To adjust the emulated CPU speed, use **ctrl-F11** and **ctrl-F12**.
To activate the keymapper **ctrl-F1**.
For more information read the **README** file in the DOSBox directory.

HAVE FUN!
The DOSBox Team <http://www.dosbox.com>

Z:\>SET BLASTER=A220 I7 D1 H5 T6

Z:\>MOUNT C D:/YHlin/2014/x8051_for_7
Drive C is mounted as local directory D:/YHlin/2014/x8051_for_7\

Z:\>C:

C:\>dir

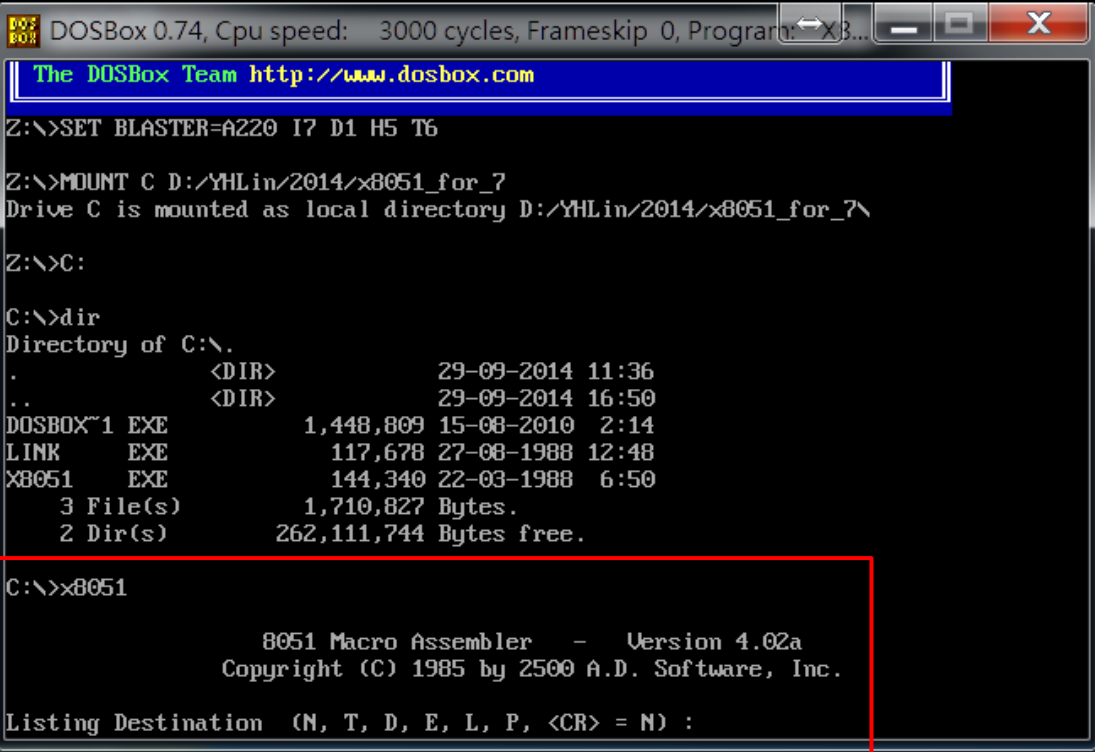
Directory of C:\.

.	<DIR>		29-09-2014	11:36
..	<DIR>		29-09-2014	16:50
DOSBOX~1	EXE	1,448,809	15-08-2010	2:14
LINK	EXE	117,678	27-08-1988	12:48
X8051	EXE	144,340	22-03-1988	6:50
3 File(s)		1,710,827	Bytes.	
2 Dir(s)		262,111,744	Bytes free.	

C:\>

執行組譯器x8051或LINK

```
DOSBox version 0.74
Copyright 2002-2010 DOSBox Team, published under GNU GPL.
---
CONFIG:Loading primary settings from config file C:\Users\USER\AppData\Local\DOS
Box\dosbox-0.74.conf
MIDI:Opened de
```



```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: X3...
The DOSBox Team http://www.dosbox.com
Z:\>SET BLASTER=A220 I7 D1 H5 T6

Z:\>MOUNT C D:/YHlin/2014/x8051_for_7
Drive C is mounted as local directory D:/YHlin/2014/x8051_for_7\

Z:\>C:

C:\>dir
Directory of C:\.
.                <DIR>                29-09-2014  11:36
..               <DIR>                29-09-2014  16:50
DOSBOX~1.EXE     1,448,809 15-08-2010   2:14
LINK            EXE        117,678 27-08-1988  12:48
X8051           EXE        144,340 22-03-1988   6:50
3 File(s)       1,710,827 Bytes.
2 Dir(s)        262,111,744 Bytes free.

C:\>x8051

                        8051 Macro Assembler - Version 4.02a
                        Copyright (C) 1985 by 2500 A.D. Software, Inc.

Listing Destination (N, T, D, E, L, P, <CR> = N) :
```