A Simple Example for use Python Compiler

yen3

SoC Lab, CGUCSIE

January 5, 2010

About

Download

Compile and Use

Discusses

► Go to http://www.python.org and press "Download"



► Choose "Python 2.6.4 Windows Installer"

For the MD5 checksums and OpenPGP signatures, look at the detailed Python 2.6.4 page:

- Python 2.6.4 Windows installer (Windows binary -- does not include source)
- 1 ython 2.0.4 Windows Alvidor installer (Windows Alvidor binary -- does not include source)
- Python 2.6.4 Mac Installer Disk Image
- Python 2.6.4 compressed source tarball (for Linux, Unix or OS X)
- Python 2.6.4 bzipped source tarball (for Linux, Unix or OS X, more compressed)

Install

▶ 請自行安裝

▶ 我的電腦 → 右鍵 → 內容



▶ 進階 → 環境變數



▶ 選擇 PATH → 編輯



▶ 在變數值後加上 ";C:\Python26"



start to compile

▶ 開始 → 執行



▶ 輸入 cmd 之後確定



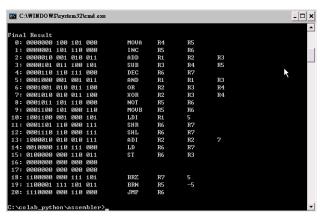
Produce Instruction Memory

- ▶ 到存放 ass.py 與 instr.asm 的資料夾
- ▶ 輸入 "python ass.py instr.asm" (instr.asm 是你的輸入檔名, 自行改變成自己的檔名)

```
ex C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP I版本 5.1.26001
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\yen3>cd \
C:\>cd colab_python\assembler
C:\colab_python\assembler>python ass.py instr.asm
```

Produce Instruction Memory

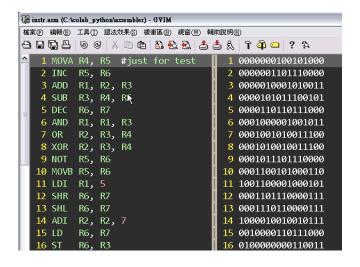
▶ 會看到編譯後的成果,並產生相對應的 .mem 檔,即可使用, 如果有錯誤訊息也會顯示在上面。



▶ 打開該資料夾會看到產生的相對應檔案



▶ 該檔案是一對一對應,可自行除錯



Produce Data Memory

- ▶ 到存放 data_mem.py 與 data.data 的資料夾
- ▶ 輸入 "python data_mem.py data.data" (data.data 是你的輸入檔名,自行改變成自己的檔名)

```
C:\cd colab_python\datamem

C:\colab_python\datamem>python data_mem.py data.data
```

▶ 會看到編譯後的成果,並產生相對應的 .mem 檔,即可使用, 如果有錯誤訊息也會顯示在上面。

```
EX CAWINDOWSkystem22/cmd.exe

C:\colab_python\datamen>python data_men.py data.data

0: 0c 12

1: 22 34

2: ff 255

3: 00 0

4: 01 1

5: 02 2

6: 03 3

7: 04 4

8: 38 56

9: 00 0
```

▶ 該檔案也是一對一對應,可自行除錯



Do you have any problem ?

