

Python - Virtual Environment

22 March 2019 13:28

Prerequisites

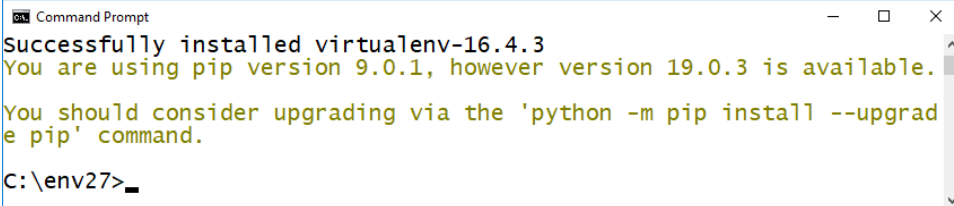
- python 2.7
- python imaging library (PIL)

From <<https://github.com/rtshadow/biometrics>>

- Install python 2.7
- Install library virtualenv :

```
C:\env27>pip install virtualenv
```

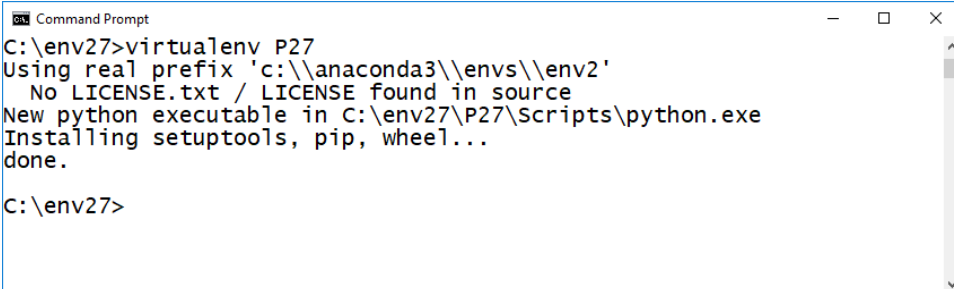
- Note: pastikan ada koneksi internet sebelum perintah di atas di eksekusi



```
Command Prompt
Successfully installed virtualenv-16.4.3
You are using pip version 9.0.1, however version 19.0.3 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
C:\env27>
```

- Membuat environment baru Python 2.7 dalam subfolder C:\env27\P27

- C:\env27>virtualenv P27



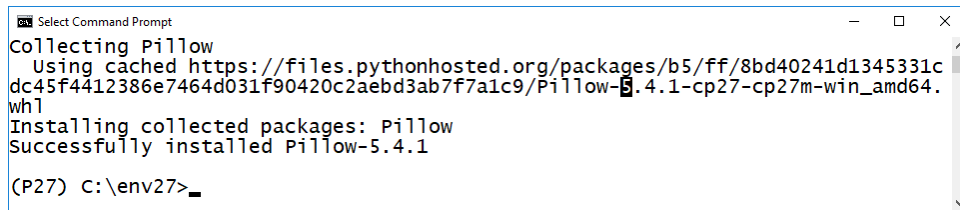
```
Command Prompt
C:\env27>virtualenv P27
Using real prefix 'c:\\anaconda3\\envs\\env2'
No LICENSE.txt / LICENSE found in source
New python executable in C:\env27\P27\Scripts\python.exe
Installing setuptools, pip, wheel...
done.
C:\env27>
```

- Mengaktifkan lenvironment Python27

- C:\env27>P27\Scripts\activate
- (P27) C:\env27>

- Instalasi module PIL (Python Image Library) ... Pillow (pastikan env P27 sudah di aktifkan)

- (P27) C:\env27>pip install Pillow



```
Select Command Prompt
Collecting Pillow
Using cached https://files.pythonhosted.org/packages/b5/ff/8bd40241d1345331cdc45f4412386e7464d031f90420c2aebd3ab7f7a1c9/Pillow-5.4.1-cp27-cp27m-win_amd64.whl
Installing collected packages: Pillow
Successfully installed Pillow-5.4.1
(P27) C:\env27>
```

- Download SOURCE CODE fingerprint preprocessing dari link berikut:
<https://github.com/rtshadow/biometrics>
- Ekstraks file zip dalam folder **C:\env27\biometrics**