

# 00EnvironmentInstallation

November 4, 2018

## 1 Git

### 1. install

1. go to [official site](#)
2. download executable
3. open executabled: Always "Next"

### 2. testing

1. open Command line (命令提示字元)

```
>>>git
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
      [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
      [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
      [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
      <command> [<args>]
.....
```

## 2 Python(Don't use conda please)

### 1. intall

1. go to [python 3.6.4 download page](#)(official site)
2. Download "Windows x86-64 executable installer"
3. Open installer
  1. (very important!!) check "Add Python 3.6 to PATH" at bottom
  2. click install now

### 2. testing:

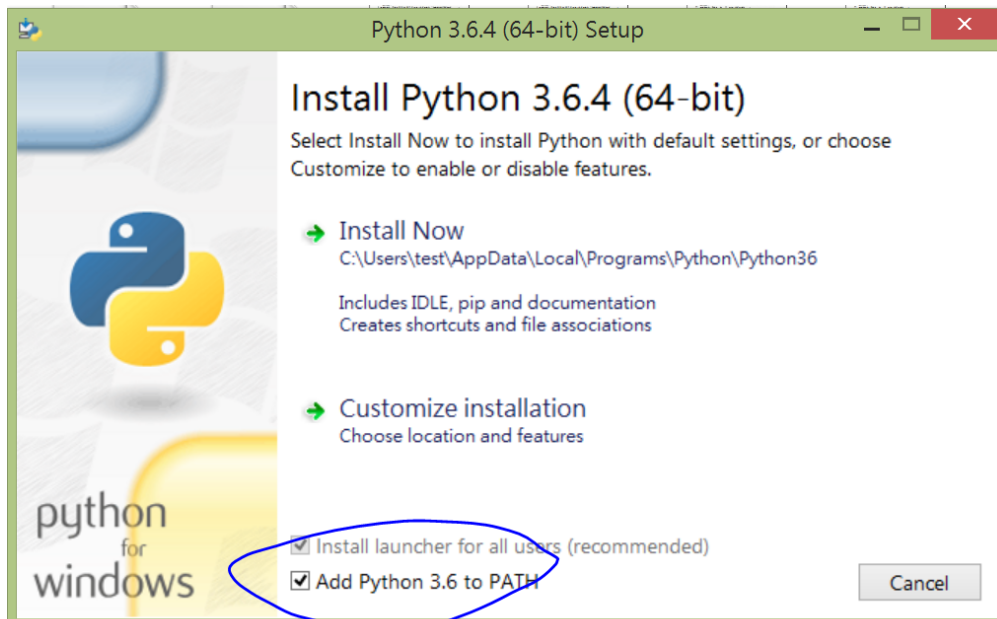
1. open Command line (命令提示字元)

```
>>> python -V
Python 3.6.4
>>> pip -V
pip 9.0.1 from C:\.....\pip (python 3.6)
```

## Files

Version	Operating System	Description	MD5 Sum	File Size	GPG
<a href="#">Gzipped source tarball</a>	Source release		9de6494314ea199e3633211696735f65	22710891	<a href="#">SIG</a>
<a href="#">XZ compressed source tarball</a>	Source release		1325134dd525b4a2c3272a1a0214dd54	16992824	<a href="#">SIG</a>
<a href="#">Mac OS X 64-bit/32-bit installer</a>	Mac OS X	for Mac OS X 10.6 and later	9fba50521dffa9238ce85ad640abaa92	27778156	<a href="#">SIG</a>
<a href="#">Windows help file</a>	Windows		17cc49512c3a2b876f2ed8022e0afe92	8041937	<a href="#">SIG</a>
<a href="#">Windows x86-64 embeddable zip file</a>	Windows	for AMD64/EM64T/x64, not Itanium processors	d2fb546fd4b189146dbefeba85e7266b	7162335	<a href="#">SIG</a>
<a href="#">Windows x86-64 executable installer</a>	Windows	for AMD64/EM64T/x64, not Itanium processors	bee5746dc6ece6ab49573a9f54b5d0a1	31684744	<a href="#">SIG</a>
<a href="#">Windows x86-64 web-based installer</a>	Windows	for AMD64/EM64T/x64, not Itanium processors	21525b3d132ce15cae6ba96d74961b5a	1320128	<a href="#">SIG</a>
<a href="#">Windows x86 embeddable zip file</a>	Windows		15802be75a6246070d85b87b3f43f83f	6400788	<a href="#">SIG</a>
<a href="#">Windows x86 executable installer</a>	Windows		67e1a9bb336a5eca0efcd481c9f262a4	30653888	<a href="#">SIG</a>
<a href="#">Windows x86 web-based installer</a>	Windows		6c8ff748c554559a385c986453df28ef	1294088	<a href="#">SIG</a>

download



download

### 3 Jupyter

#### 1. install:

1. open Command line (命令提示字元) with admin auth (以管理員權限開啟)

```
>>>pip install --upgrade pip  
>>>pip install jupyter
```

#### 2. testing

1. open Command line (命令提示字元)

```
>>>jupyter notebook
```

### 4 Dependency(Don't use conda please)

#### 1. install

1. option 1: install your self

```
>>>pip install numpy pandas scikit-learn matplotlib requests xgboost bs4
```

2. option 2: install through requirements.txt

```
>>>pip install -r requirements.txt
```