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<http://jupyter.org/>



### Language of choice

The Notebook has support for over 40 programming languages, including Python, R, Julia, and Scala.



### Big data integration

Leverage big data tools, such as Apache Spark, from Python, R and Scala. Explore that same data with pandas, scikit-learn, ggplot2, TensorFlow.

# 啟動

- 進入工作目錄後
  - Cd pywork
- 在命令列下鍵入
  - **jupyter notebook**
  - **Check path**

```
C:\WINDOWS\system32\cmd.exe - jupyter notebook
E:\Anaconda3\Scripts>jupyter notebook
[I 15:11:42.838 NotebookApp] Writing notebook server cookie secret to C:\Users\elsa\AppData\Roaming\jupyter\runtime\notebook_cookie_secret
[I 15:11:48.624 NotebookApp] JupyterLab beta preview extension loaded from E:\Anaconda3\lib\site-packages\jupyterlab
[I 15:11:48.624 NotebookApp] JupyterLab application directory is E:\Anaconda3\share\jupyter\lab
[W 15:11:48.624 NotebookApp] Error loading server extension jupyterlab
Traceback (most recent call last):
  File "E:\Anaconda3\lib\site-packages\jupyterlab\commands.py", line 321, in __init__
    self._run(['node', 'node-version-check.js'], cwd=HERE, quiet=True)
  File "E:\Anaconda3\lib\site-packages\jupyterlab\commands.py", line 1165, in _run
    proc = Process(cmd, **kwargs)
  File "E:\Anaconda3\lib\site-packages\jupyterlab\process.py", line 73, in __init__
    self.proc = self._create_process(cwd=cwd, env=env)
  File "E:\Anaconda3\lib\site-packages\jupyterlab\process.py", line 131, in _create_process
    cmd[0] = which(cmd[0], kwargs.get('env'))
  File "E:\Anaconda3\lib\site-packages\jupyterlab\jupyterlab.py", line 59, in which
    raise ValueError(msg)
ValueError: Please install nodejs 5+ and npm before continuing installation. nodejs may be installed using conda or directly from the nodejs website.

During handling of the above exception, another exception occurred:

Traceback (most recent call last):
  File "E:\Anaconda3\lib\site-packages\notebook\notebookapp.py", line 1454, in init_server_extensions
    func(self)
  File "E:\Anaconda3\lib\site-packages\jupyterlab\extension.py", line 111, in load_jupyter_server_extension
    info = get_app_info(app_dir)
  File "E:\Anaconda3\lib\site-packages\jupyterlab\commands.py", line 244, in get_app_info
    handler = _AppHandler(app_dir, logger)
  File "E:\Anaconda3\lib\site-packages\jupyterlab\commands.py", line 324, in __init__
```

Files

Running

Clusters


Select items to perform actions on them.

Upload

New ▾



☐ 0 ▾

 / pywork

Name ▾

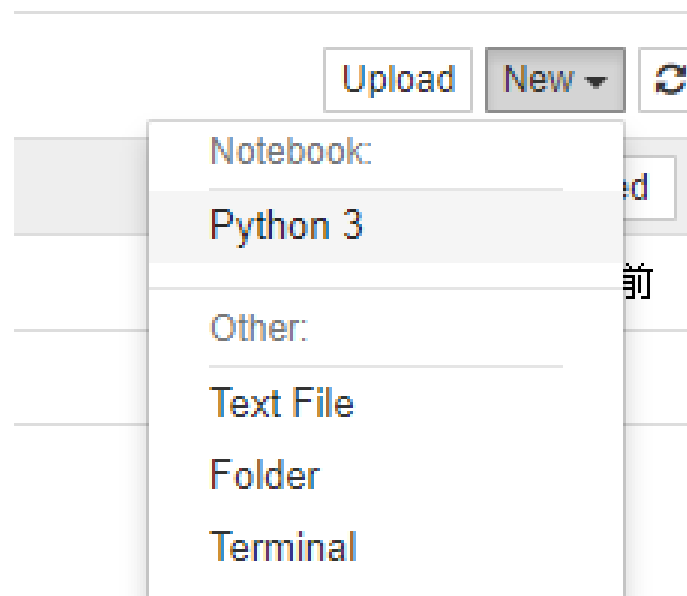
Last Modified



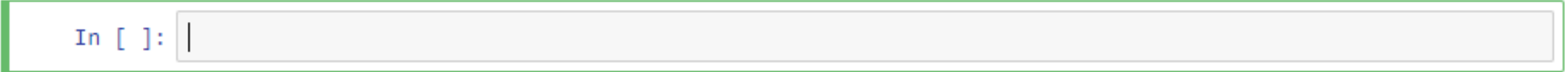
幾秒前

The notebook list is empty.

# New



# 編輯區



In [ ]: |

(In[ ] => In 輸入的意思, [ ] => 帶編號為執行順序)

# 執行

```
In [ ]: print('hello world')|
```

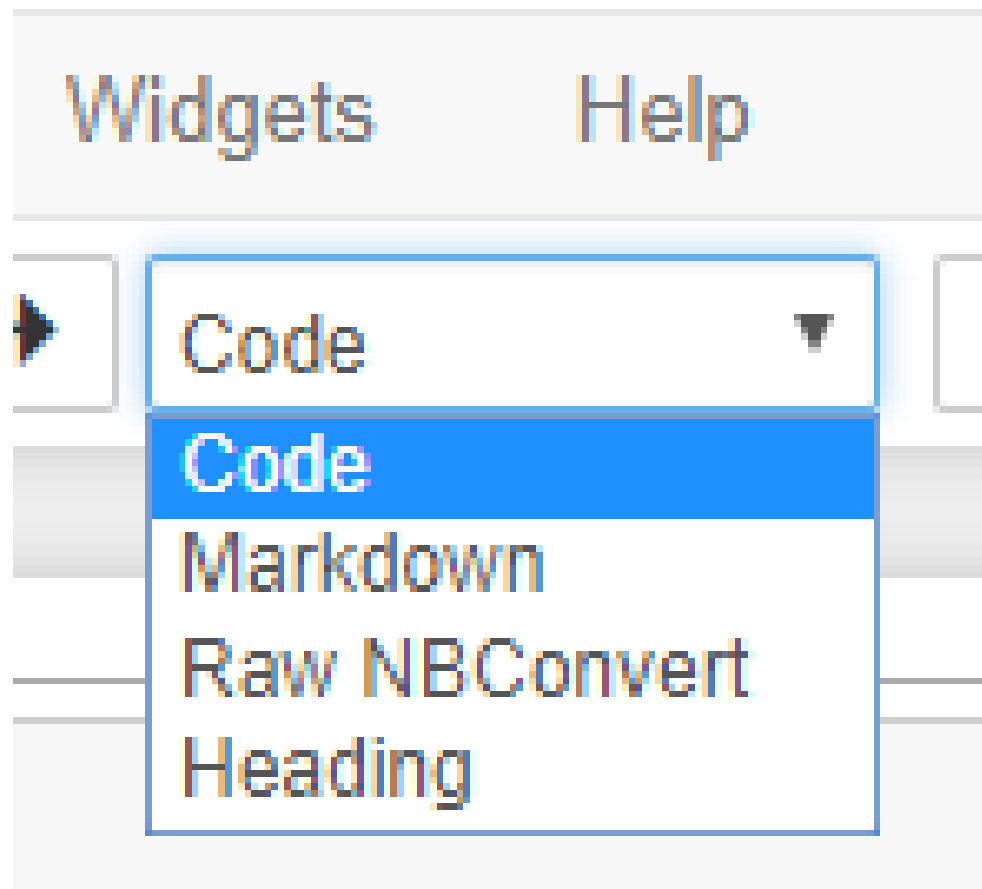


```
In [1]: print('hello world')  
hello world
```

```
In [ ]: |
```

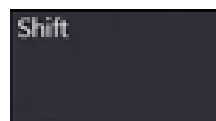
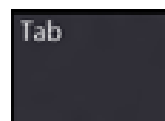


# 切换功能





# 説明(HELP)



補強記憶-自動完成



Tab