

Lecture1 环境搭建

1.安装anaconda

参考

2.创建虚拟环境

```
conda create -n lecture01_tf python=3.6
```

```
current version: 4.5.4
latest version: 4.7.12

Please update conda by running

    $ conda update -n base conda

## Package Plan ##

environment location: /home/roger/.conda/envs/kaikeba_lecture01

added / updated specs:
- python=3.6

The following NEW packages will be INSTALLED:

certifi:      2016.2.28-py36_0  https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
openssl:      1.0.2l-0          https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
pip:          9.0.1-py36_1      https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
python:       3.6.2-0           https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
readline:     6.2-2            https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
setuptools:   36.4.0-py36_1     https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
sqlite:       3.13.0-0          https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
tk:           8.5.18-0          https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
wheel:        0.29.0-py36_0     https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
xz:           5.2.3-0           https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free
zlib:         1.2.11-0          https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free

Proceed ([y]/n)? y
```

3. 激活虚拟环境

```
source activate lecture01_tf
```

```
roger@roger-Z390-UD:~$ source activate lecture01_tf  
(lecture01_tf) roger@roger-Z390-UD:~$
```

4. 安装必要的包

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

5. 内核管理

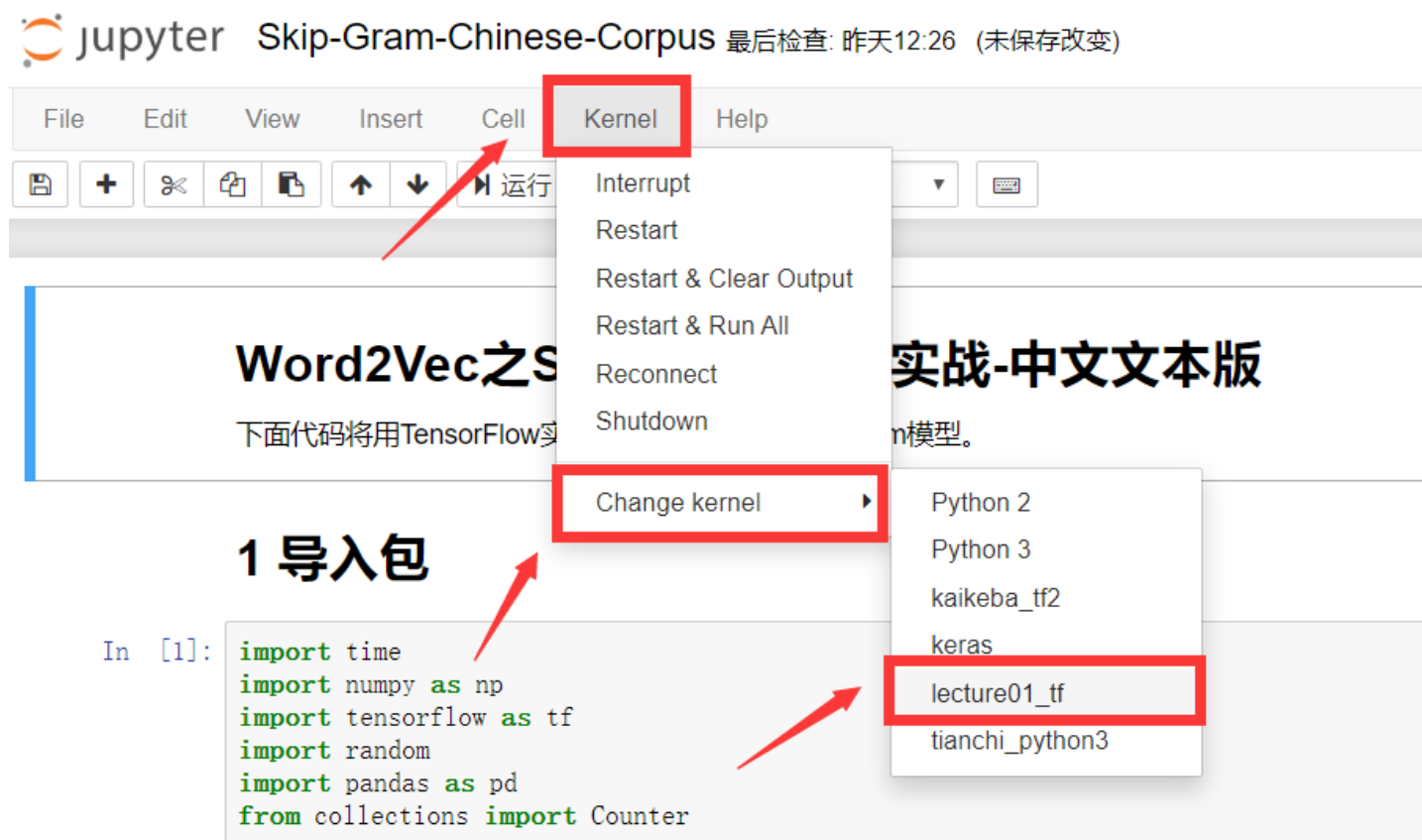
5.1 设置内核

--name conda环境名

--display-name 在jupyter选项里面选择的名称

```
python -m ipykernel install --user --name lecture01_tf --display-name "lecture01_tf"
```

```
(lecture01_tf) roger@roger-Z390-UD:~$ python -m ipykernel install --user --name lecture01_tf --display-name "lecture01_tf"  
Installed kernelspec lecture01_tf in /home/roger/.local/share/jupyter/kernels/lecture01_tf
```



完成以上步骤就可以在jupyter中使用环境了。

内核列表

```
jupyter kernelspec list
```

```
(kaikeba_lecture01) roger@roger-Z390-UD:~$ jupyter kernelspec list
Available kernels:
  kaikeba    /home/roger/.local/share/jupyter/kernels/kaikeba
  python3    /home/roger/.local/share/jupyter/kernels/python3
  tianchi    /home/roger/.local/share/jupyter/kernels/tianchi
  keras      /usr/local/share/jupyter/kernels/keras
  python2    /usr/local/share/jupyter/kernels/python2
(kaikeba_lecture01) roger@roger-Z390-UD:~$ █
```

内核删除

```
jupyter kernelspec remove kaikeba
```