

Python+RF 安装

1、安装 python3

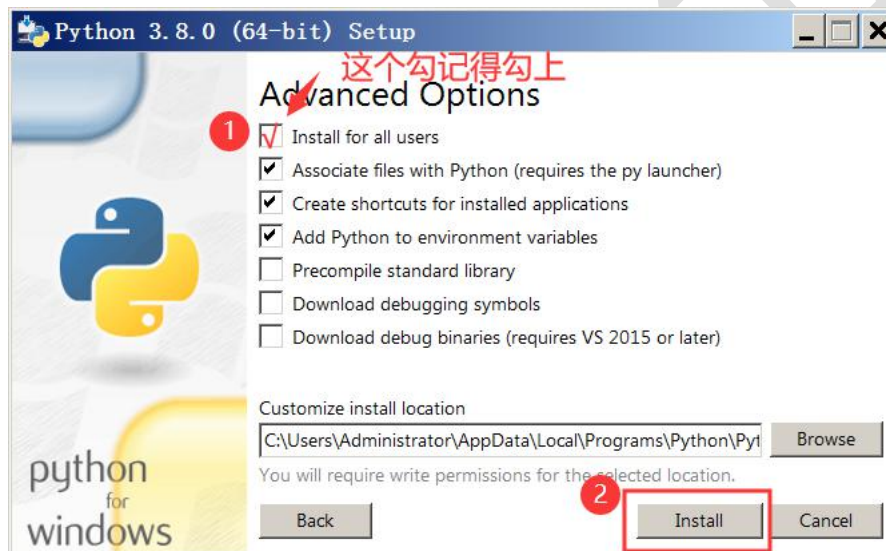
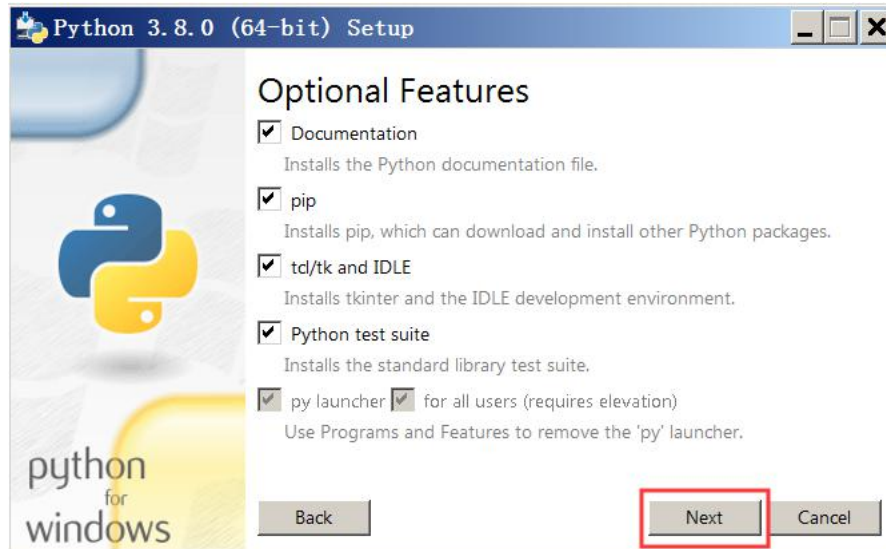
(1) 下载安装 python3

注意：课用 python3 版本为 python3.7，不能使用最新的 python3.8。



开始安装，先选中添加到 PATH，然后再点击 Customize installation





或



安装完成后，输入 cmd 打开电脑的 dos 窗口，输入 python 回车：

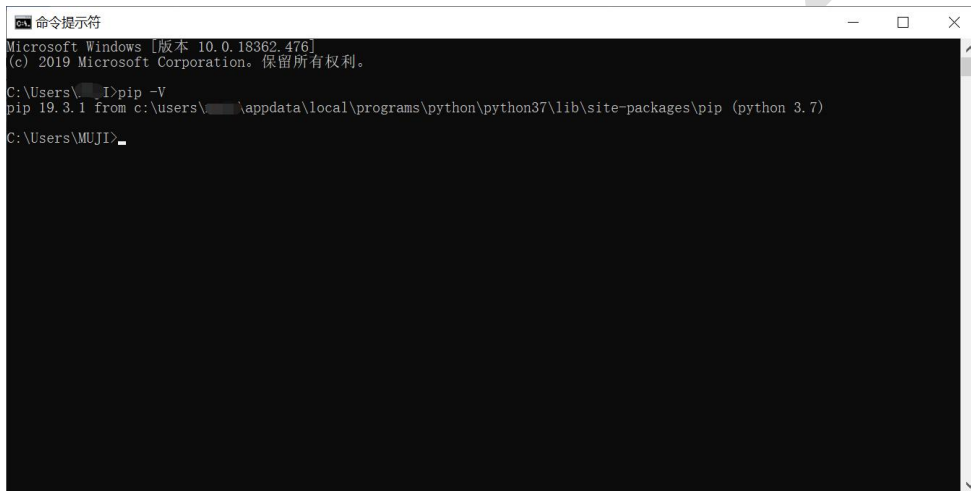
```
C:\Windows\system32>python
Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 22:22:05) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

出现这个界面，则表示安装成功了。

2) 检查 pip

在 dos 窗口中输入： pip -V 回车

如果出现如下图，说明 pip 已经安装好，且对应 python3 版

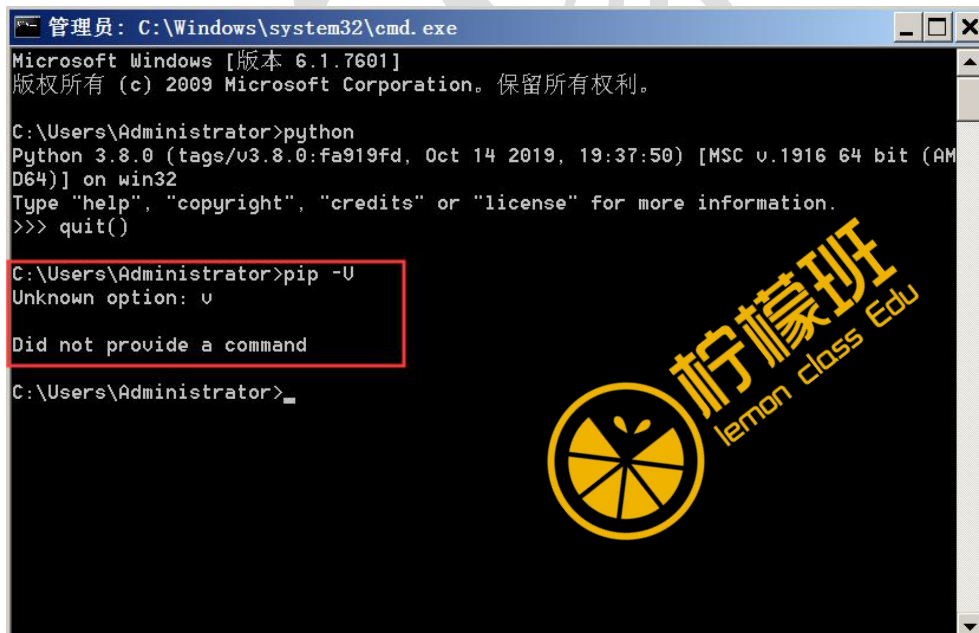


```
命令提示符
Microsoft Windows [版本 10.0.18362.476]
(c) 2019 Microsoft Corporation。保留所有权利。

C:\Users\...>pip -V
pip 19.3.1 from c:\users\...\appdata\local\programs\python\python37\lib\site-packages\pip (python 3.7)

C:\Users\MUJI>
```

如果出现如下图，说明 pip 没有安装或安装不成功，需要去 [安装 pip](#)



```
管理员: C:\Windows\system32\cmd.exe
Microsoft Windows [版本 6.1.7601]
版权所有 (c) 2009 Microsoft Corporation。保留所有权利。

C:\Users\Administrator>python
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:37:50) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> quit()

C:\Users\Administrator>pip -U
Unknown option: u

Did not provide a command

C:\Users\Administrator>
```

3) 安装 pip

找到 python 的根路径，进入到 Scripts 文件夹，查找是否有 pip.exe 文件，如果有，则双击执行；如果没有，找到 easy_install.exe 文件，然后再在 dos 窗口中进入该路径，输入 easy_install.exe pip 回车。

```
Microsoft Windows [版本 10.0.17134.1304]  
(c) 2018 Microsoft Corporation. 保留所有权利。  
  
D:\Python37\Scripts>easy_install.exe pip  
Searching for pip  
Best match: pip 19.0.3  
Adding pip 19.0.3 to easy-install.pth file  
Installing pip-script.py script to d:\python37\Scripts  
Installing pip.exe script to d:\python37\Scripts  
Installing pip3-script.py script to d:\python37\Scripts  
Installing pip3.exe script to d:\python37\Scripts  
Installing pip3.7-script.py script to d:\python37\Scripts  
Installing pip3.7.exe script to d:\python37\Scripts  
  
Using d:\python37\lib\site-packages  
Processing dependencies for pip  
Finished processing dependencies for pip  
  
D:\Python37\Scripts>pip -V  
pip 19.0.3 from d:\python37\lib\site-packages\pip (python 3.7)  
D:\Python37\Scripts>
```

2、安装 RIDE

1) 修改 pip 源

pip 默认使用的 pypi 的数据源，因为在国外，网速受限，可以修改为国内镜像源，速度快很多。

在系统用户目录下，新建 pip 文件夹，如：C:\Users\Administrator\pip
再新增 pip.ini 文件，粘贴并保存如下内容：

```
[global]  
index-url = https://pypi.tuna.tsinghua.edu.cn/simple  
[install]  
trusted-host = https://pypi.tuna.tsinghua.edu.cn
```

此时 pip 源已经永久修改生效

2) 在 dos 窗口中执行：

```
pip install robotframework  
pip install robotframework-ride
```



RIDE安装.gif 这个动图记录全过程，可以参考。



```
管理员: C:\Windows\system32\cmd.exe - pip install robotframework-ride
C:\Users\Administrator> pip install robotframework-ride
Looking in indexes: https://pypi.tuna.tsinghua.edu.cn/simple
Collecting robotframework-ride
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/36/d5/ece871dc64e4022c5f8c6772c333a7c686bcc45825c46eac/robotframework-ride-1.7.4.1.zip (1.2MB)
    | 1.2MB 84kB/s
Collecting wxPython
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/dd/04/c835139a594e829a1c30d682fd0e9f164d41a0e68e52b6b6b2/wxPython-4.0.7.post2-cp37-cp37m-win32.whl (14.0MB)
    | 14.0MB 218kB/s
Collecting pillow
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/95/0f/804b95cebd57e284c81967010a7f6da6a25917c1f6bc0fa3d3/Pillow-7.1.1-cp37-cp37m-win32.whl (1.8MB)
    | 1.8MB 726kB/s
Requirement already satisfied: six in c:\python37-32\lib\site-packages (from robotframework-ride) (1.16.0)
Collecting numpy; python_version >= "3.0"
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/88/7c/f2070228b12ed53711df92ac1307788032db0d70792fd0788/numpy-1.18.2-cp37-cp37m-win32.whl (10.8MB)
    | 10.8MB 3.2MB/s
Installing collected packages: pillow, numpy, wxPython, PyPubSub, Pywin32, robotframework-ride
Setup
创建桌面快捷方式，选择是
Create desktop shortcut?
是(Y) 否(N)
```

3) 确认是否安装成功:

```
Collecting wxPython
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/dd/04/c835139a594e829a1c30d682fd0e9f164d41a0e68e52b6b6b2/wxPython-4.0.7.post2-cp37-cp37m-win32.whl (14.0MB)
    | 14.0MB 218kB/s
Collecting PyPubSub
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/1a/41/a0aceb552d8ec63bbe1e8223d130f9dd0f736470036d75d72cb/PyPubSub-4.0.3-py3-none-any.whl (61kB)
    | 61kB 4.1MB/s
Requirement already satisfied: Pygments in c:\python37-32\lib\site-packages (from robotframework-ride) (2.5.1)
Collecting Pywin32
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/17/6f/2cd5c3246f06513f4c369070d91286313b83b3178e8867245d/pywin32-227-cp37-cp37m-win32.whl (8.4MB)
    | 8.4MB 819kB/s
Collecting pillow
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/95/0f/804b95cebd57e284c81967010a7f6da6a25917c1f6bc0fa3d3/Pillow-7.1.1-cp37-cp37m-win32.whl (1.8MB)
    | 1.8MB 726kB/s
Requirement already satisfied: six in c:\python37-32\lib\site-packages (from wxPython->robotframework-ride) (1.16.0)
Collecting numpy; python_version >= "3.0"
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/88/7c/f2070228b12ed53711df92ac1307788032db0d70792fd0788/numpy-1.18.2-cp37-cp37m-win32.whl (10.8MB)
    | 10.8MB 3.2MB/s
Installing collected packages: pillow, numpy, wxPython, PyPubSub, Pywin32, robotframework-ride
Running setup.py install for robotframework-ride ... done
Successfully installed PyPubSub-4.0.3 Pywin32-227 numpy-1.18.2 pillow-7.1.1 robotframework-ride-1.7.4.1 wxPython-4.0.7.post2
WARNING: You are using pip version 19.3.1, however, version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command. 看到这句话表示ride安装成功
```

```
C:\Users\Administrator> pip install robotframework
Looking in indexes: https://pypi.tuna.tsinghua.edu.cn/simple
Collecting robotframework
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/22/0f/1b9ffa0c4e59789b50e6034866e823b7d4a5c7eadaa9d/robotframework-3.1.2-py2.py3-none-any.whl (602kB)
    | 604kB 121kB/s
Installing collected packages: robotframework
Successfully installed robotframework-3.1.2 表示robotframework安装成功
WARNING: You are using pip version 19.3.1, however, version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
```

也可以输入 `pip list`，罗列所有的已经安装的第三库库:

```
C:\Windows\system32> pip list
Package Version
-----
appdirs 1.4.3
backcall 0.1.0
```

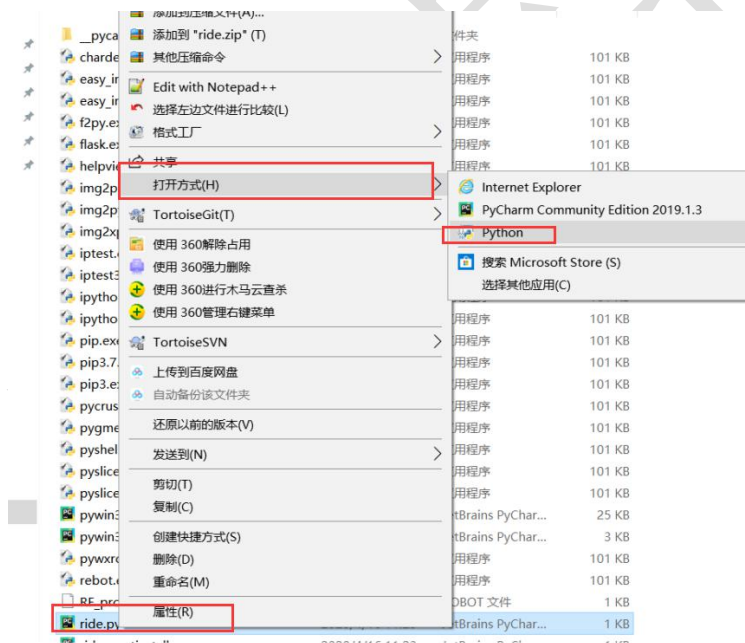
```

Pypubsub 4.0.3
pywin32 227
query-string 2019.4.13
request 2019.4.13
requests 2.22.0
robotframework 3.1.2
robotframework-requests 0.6.2
robotframework-ride 1.7.4.1
robotframework-selenium2library 3.0.0
robotframework-seleniumlibrary 4.0.0a2
robotframeworklexer 1.1
selenium 3.141.0
setuptools 40.8.0
    
```

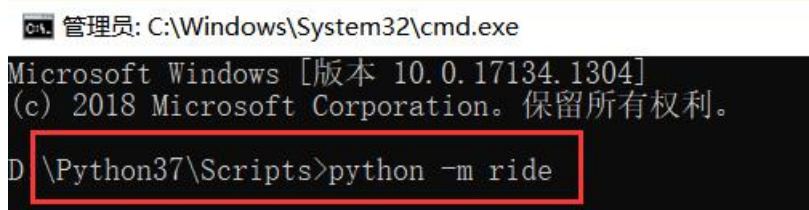
显示这两个表示安装已经成功。

3、启动 RIDE

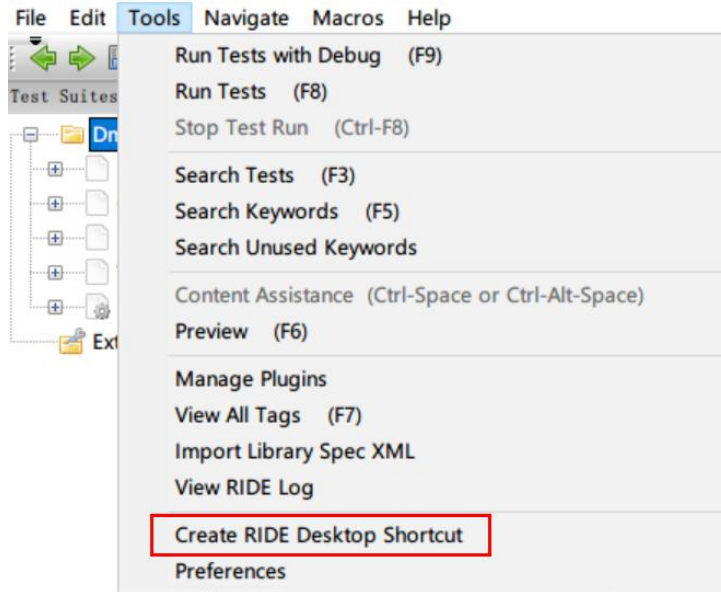
在 [确认 RIDE 安装成功](#) 后,进入 [python 的安装路径](#) 的 Scripts 文件夹,找到 ride.py 文件,右键-->通过 python 打开,即可启动 RIDE 编辑器;



或者: cmd 命令行进入这个路径,执行命令: `python -m ride` 也可以启动。



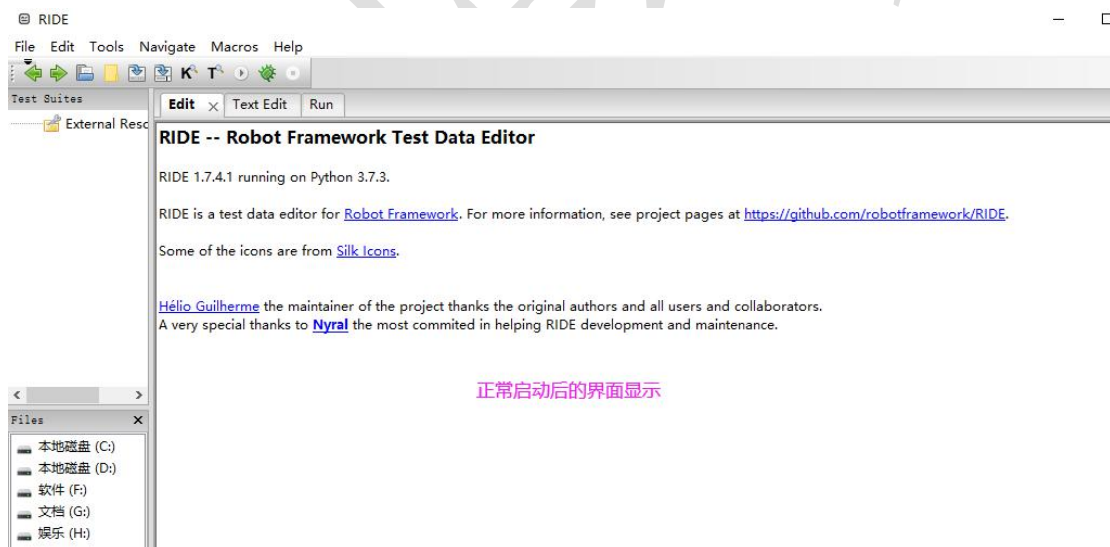
如果上述步骤没有生成桌面快捷图标: 点击 RIDE 的菜单栏 Tools > Create RIDE Desktop Shortcut 如下图:



即可在桌面生成快捷启动图标，如下图所示：



后续直接双击这个桌面图标即可打开 RIDE 工具。启动后的界面：



正常启动后的界面显示

至此完成安装。