

Python爬虫1-环境的安装与基本使用

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Python3.7 安装

打开安装包，修改安装路径，安装

<http://sqdownb.onlinedown.net/down/python3.7.0.rar>

来自于<https://www.onlinedown.net/soft/1225763.htm>

可能的注意事项（我记得不太清楚了） 加入PATH

<https://jingyan.baidu.com/article/49ad8bce4137405834d8fa04.html>

IDE：PyCharm安装

<https://www.nocang.com/pycharm2019jihuoma/>

可能的注意事项（我记得不太清楚了） 加入PATH

安装第三方库

例如：requests、bs4、PyMysql等

方法1：进入CMD，使用pip install形式安装（推荐）

```
C:\Users\dongxiaorui>pip3 install requests
Collecting requests
  Using cached https://files.pythonhosted.org/packages/1a/70/1935c770cb3be6e3a8b78ced23d7e0f3b187f5cbfab4749523ed65d7c9b1/requests-2.23.0-py2.py3-none-any.whl
Collecting urllib3!=1.25.0,!=1.25.1,<1.26,>=1.21.1 (from requests)
  Downloading https://files.pythonhosted.org/packages/e8/74/6e4f91745020f967d09332bb2b8b9b10090957334692eb88ea4afe91b77f/urllib3-1.25.8-py2.py3-none-any.whl (125kB)
```

如果报错如下

```
pip._vendor.urllib3.exceptions.ReadTimeoutError: HTTPSConnectionPool(host='files.pythonhosted.org', port=443): Read timed out.
You are using pip version 10.0.1, however version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
```

```
C:\Users\dongxiaorui>
```

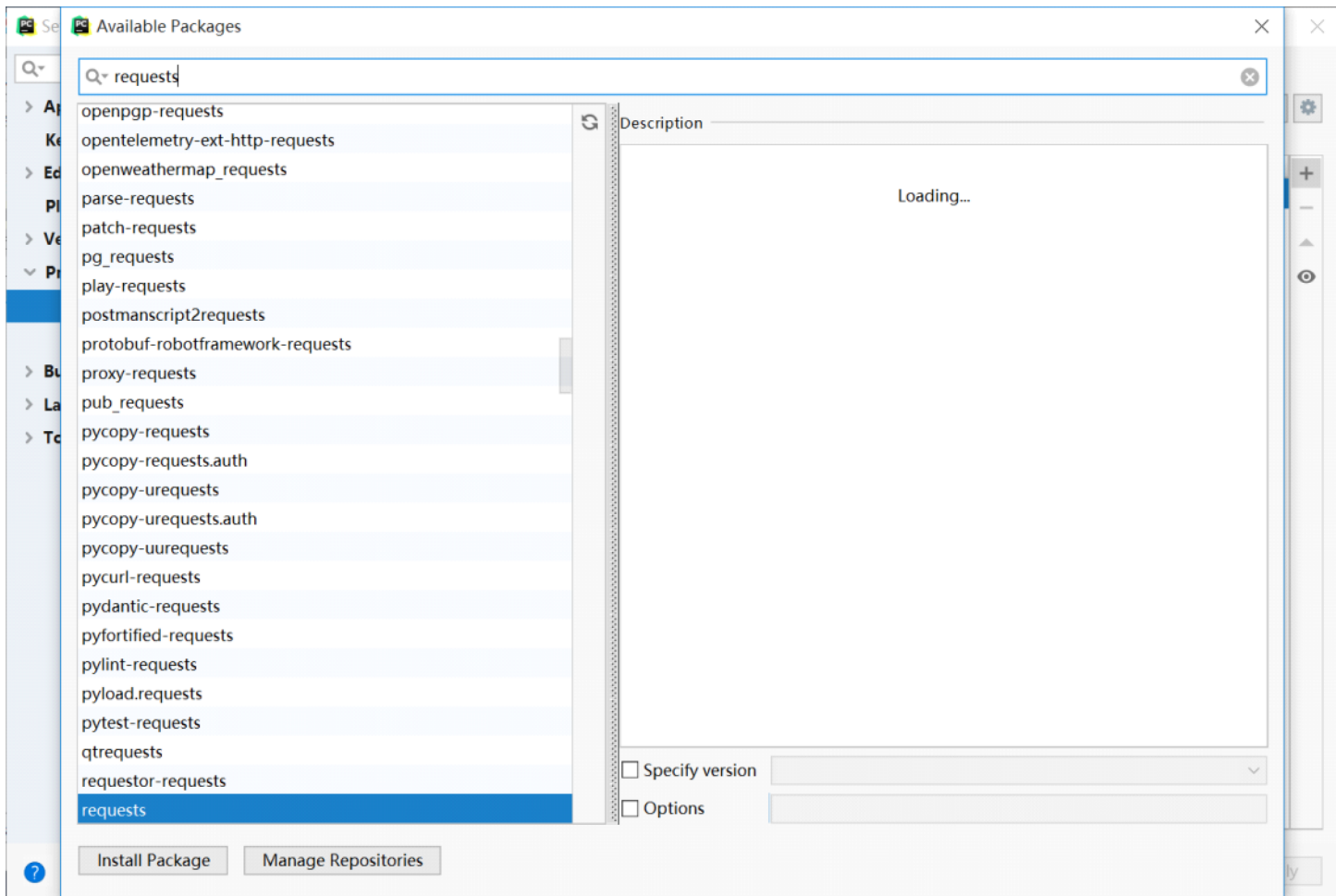
则运行 `python -m pip install --upgrade pip`，升级pip

如果还有报错，可以参看TIPS改源或科学上网后再尝试

方法2：采用Pycharm setting安装

<https://blog.csdn.net/fx677588/article/details/56830929>

可能耗时较长，请耐心等待



TIPS: 如果前面两种都不行, 那么要么科学上网, 要么得换源了

换源方法: <https://blog.csdn.net/chenghuikai/article/details/55258957>

```
命令提示符

C:\Users\dongxiaorui>pip install requests -i https://pypi.tuna.tsinghua.edu.cn/simple
Looking in indexes: https://pypi.tuna.tsinghua.edu.cn/simple
Collecting requests
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/1a/70/1935c770cb3be6e3a8b78ced23d7e0f3b187f5cbfab4749523ed65d7c9b1/requests-2.23.0-py2.py3-none-any.whl (58kB)
    100% |#####| 61kB 1.3MB/s
Collecting idna<3,>=2.5 (from requests)
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/89/e3/afebe61c546d18fb1709a61bee788254b40e736cff7271c7de5de2dc4128/idna-2.9-py2.py3-none-any.whl (58kB)
    100% |#####| 61kB 1.9MB/s
Collecting urllib3!=1.25.0,!=1.25.1,<1.26,>=1.21.1 (from requests)
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/e8/74/6e4f91745020f967d09332bb2b8b9b10090957334692eb88ea4afe91b77f/urllib3-1.25.8-py2.py3-none-any.whl (125kB)
    100% |#####| 133kB 1.3MB/s
Collecting chardet<4,>=3.0.2 (from requests)
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/bc/a9/01ffebfb562e4274b6487b4bb1ddec7ca55ec7510b22e4c51f14098443b8/chardet-3.0.4-py2.py3-none-any.whl (133kB)
    100% |#####| 143kB 1.9MB/s
Collecting certifi>=2017.4.17 (from requests)
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/b9/63/df50cac98ea0d5b006c55a399c3bfl9db9da7b5a24de7890bc9cfd5dd9e99/certifi-2019.11.28-py2.py3-none-any.whl (156kB)
    100% |#####| 163kB 4.1MB/s
Installing collected packages: idna, urllib3, chardet, certifi, requests
  The script chardet.exe is installed in 'd:\program files\python3.7\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed certifi-2019.11.28 chardet-3.0.4 idna-2.9 requests-2.23.0 urllib3-1.25.8

C:\Users\dongxiaorui>
```

PyCharm 运行程序

.py程序文件，右键，Run