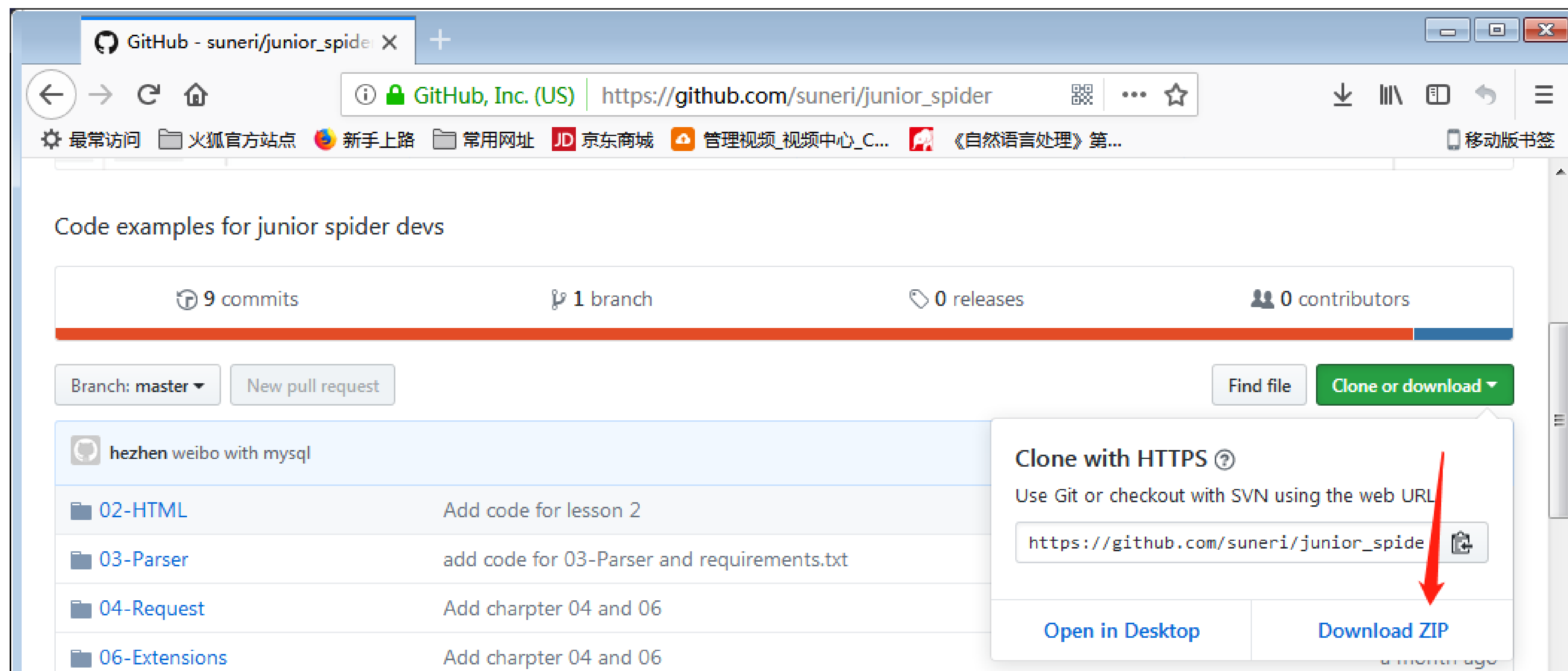# Win下pip命令和一键安装依赖工具包
主讲：雷老师

课程代码

- 在浏览器中打开https://github.com/suneri/junior_spider

- 点击 Download ZIP 下载课程代码

课程代码

- 解压junior_spider-master.zip文件，目录显示：

课程代码

- 打开Anconada-Prompt命令行窗口，进入junior_spider-master目录下。

- 注意我下载的课程代码是放到D盘了，windws下切换盘符，需要输入d:

```
(base) C:\Users\Administrator>d:

(base) D:\>cd D:\DevProjects\junior_spider-master

(base) D:\DevProjects\junior_spider-master>
```

临时使用pip清华镜像源

- 因为国内网络比较慢，所以需要用到清华大学开源镜像站加速。

- pypi 镜像使用帮助

- https://mirrors.tuna.tsinghua.edu.cn/help/pypi/

- 临时使用清华镜像源

- pip install -i https://pypi.tuna.tsinghua.edu.cn/simple some-package

- 请将以上命令中的some-package替换成需要安装的包名，如：requests

- 这里就不单独安装工具包，后面课程提供了一键安装（后面有演示）。

默认使用pip清华镜像源

- 先升级 pip 到最新的版本

- 如下图执行命令pip –V（大写字母V）显示的版本是18.1，因为>=10.0.0版本，所以也可以不执行升级pip的命令：pip install pip –U

- 然后执行配置命令 pip config set global.index-url
  https://pypi.tuna.tsinghua.edu.cn/simple

- 如下图：

```
(base) D:\DevProjects\junior_spider-master>pip -V
pip 18.1 from C:\ProgramData\Anaconda3\lib\site-packages\pip (python 3.7)

(base) D:\DevProjects\junior_spider-master>pip config set global.index-url https://pypi.tuna.tsinghua.edu.cn/simple
Writing to C:\Users\Administrator\AppData\Roaming\pip\pip.ini
```

课程代码

- 使用课程提供的requirements.txt文件一键安装所需要的工具包。

- 如果在国内，并且已经设置好清华的pip镜像源，下面安装会非常快。

- 执行命令pip -V （大写字母V）

- 如果显示的是python3版本，则使用pip install –r requirements.txt

- 执行命令pip3 -V （大写字母V）

- 如果显示的是python3版本，则使用pip3 install –r requirements.txt

pip版本区别（补充）

- 本课程使用python3版本

- 如果本机pip -V命令显示python3版本，则使用pip

```
(base) D:\DevProjects\junior_spider-master>pip -V
pip 18.1 from C:\ProgramData\Anaconda3\lib\site-packages\pip (python 3.7)
```

- 如果本机pip -V命令显示python2版本

- 则使用pip3 -V命令，看是否显示python3版本，则使用pip3

```
D:\DevInstall\Anaconda2\Scripts>pip -V
pip 18.1 from D:\DevInstall\Anaconda2\lib\site-packages\pip (python 2.7)

D:\DevInstall\Anaconda2\Scripts>pip3 -V
pip 19.0.1 from c:\users\administrator\appdata\local\programs\python\python36\lib\site-packages\pip (python 3.6)
```

一键安装依赖工具包演示

```
(base) D:\DevProjects\junior_spider-master>pip install -r requirements.txt
Looking in indexes: https://pypi.tuna.tsinghua.edu.cn/simple
Requirement already satisfied: Pillow in c:\programdata\anaconda3\lib\site-packages (from -r requirements.txt (line 1)) (5.3
.0)
Requirement already satisfied: requests in c:\programdata\anaconda3\lib\site-packages (from -r requirements.txt (line 2)) (2
.21.0)
Requirement already satisfied: urllib3 in c:\programdata\anaconda3\lib\site-packages (from -r requirements.txt (line 3)) (1.
24.1)
Collecting bloom-filter (from -r requirements.txt (line 4))
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/6f/85/c26819421801c5a04a2743e329641dde22225a55153d5477c032b4f7d40e/
bloom_filter-1.3-py3-none-any.whl
Collecting pymongo (from -r requirements.txt (line 5))
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/10/35/f081e8f16cb357cc1e082743fed98fb699f3b9f215addc1b4b8bd1b58472/
pymongo-3.7.2-cp37-cp37m-win_amd64.whl (311kB)
    100% |████████████████████████████████| 317kB 1.4MB/s
Collecting mysql-connector (from -r requirements.txt (line 6))
  Using cached https://pypi.tuna.tsinghua.edu.cn/packages/59/e0/775bf5fb3dd4c7f9aa6877907d4a96eecca6886c603dedfea6e843e94560
/mysql-connector-2.1.6.tar.gz
Collecting selenium (from -r requirements.txt (line 7))
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/80/d6/4294f0b4bce4de0abf13e17190289f9d0613b0a44e5dd6a7f5ca98459853/
selenium-3.141.0-py2.py3-none-any.whl (904kB)
    100% |████████████████████████████████| 911kB 2.2MB/s
Requirement already satisfied: lxml in c:\programdata\anaconda3\lib\site-packages (from -r requirements.txt (line 8)) (4.2.5
)
Collecting aiohttp (from -r requirements.txt (line 9))
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/bc/bd/08f0900d62b4ea1ca10bb2e2a1596ac3b04024c7daf7350debee0bd022fb/
aiohttp-3.5.4-cp37-cp37m-win_amd64.whl (611kB)
    100% |████████████████████████████████| 614kB 1.7MB/s
Collecting cssselect (from -r requirements.txt (line 10))
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/7b/44/25b7283e50585f0b4156960691d951b05d061abf4a714078393e51929b30/
cssselect-1.0.3-py2.py3-none-any.whl
```

只为遇见明天更优秀的你！