

# APIJSON 后端图文教程（6）： uliweb\_Python

## 何为uliweb\_Python?

uliweb\_Python是用Python语言完善的APIJSON。

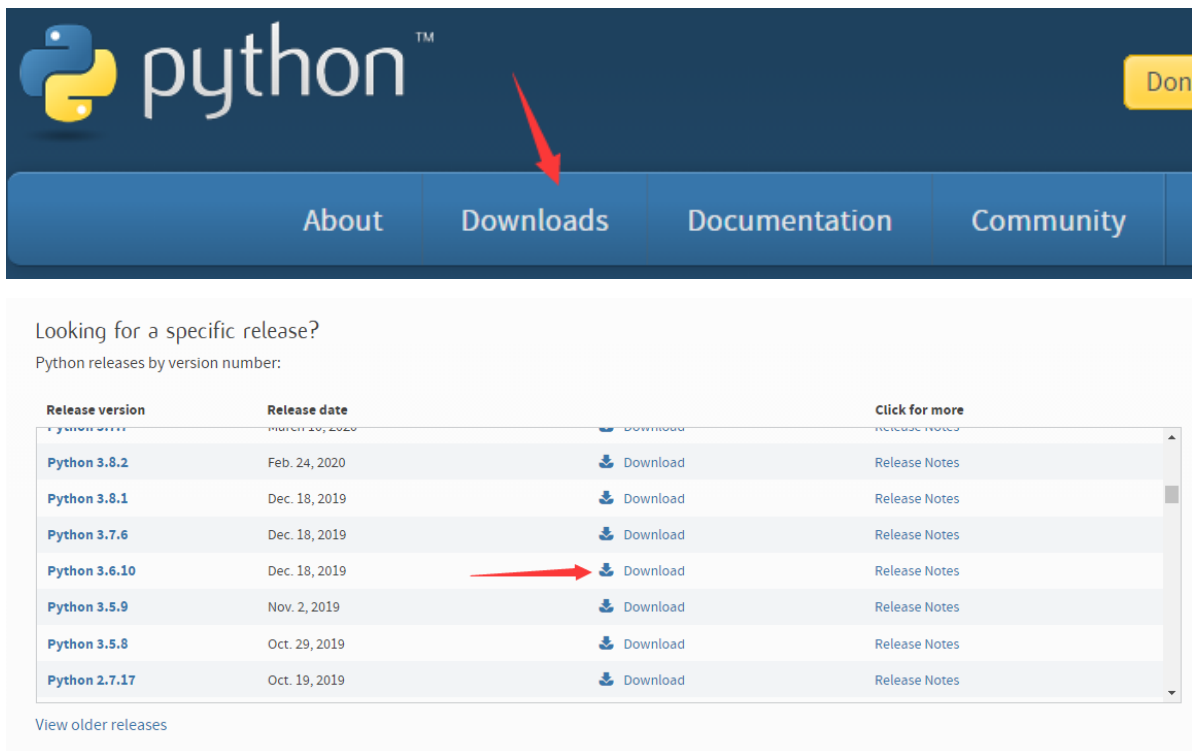
### uliweb\_Python 有什么用?

我们将运行一个Demo，并展示使用uliweb框架的APIJSON的测试和运行方法。

## 使用 VS Code 运行uliweb-apijson

### 安装 Python 3

前往Python官网下载Python3.地址为<https://www.python.org/> 先点击Download再找到“3.6”一列，下载。如果里头只有tar.xz文件下载，可以换个版本。Python 3.6.\* 均可。



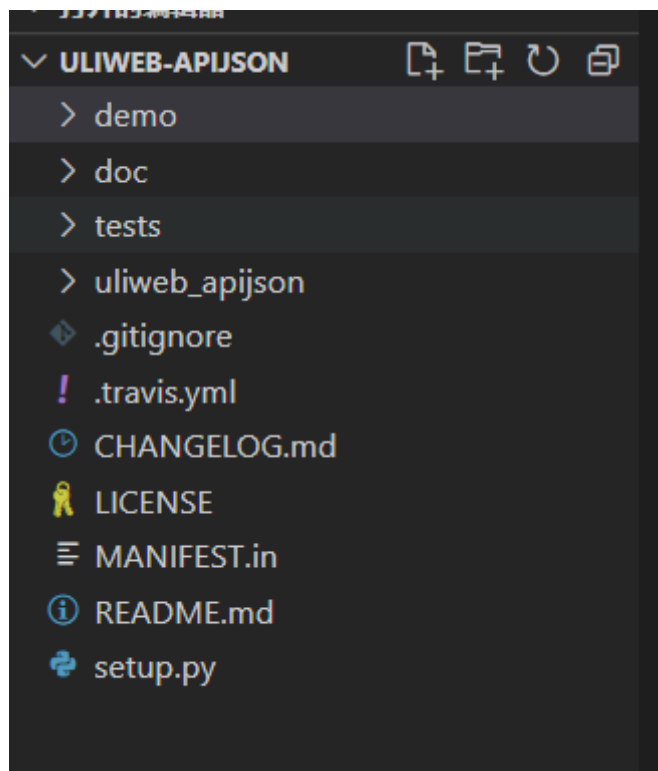
### 为什么要用Python 3.6?

因为该项目已经是一个比较老的项目了，推荐使用Python 3.6

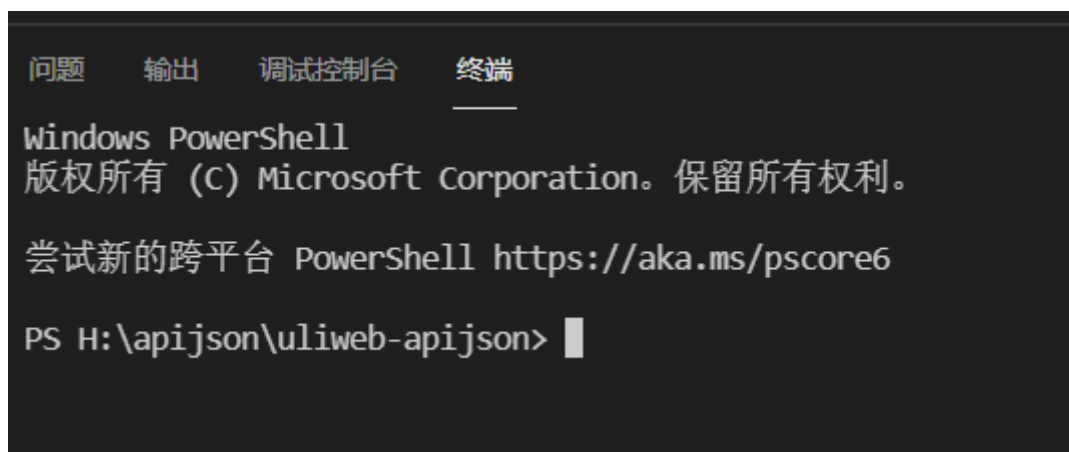
### 使用 VS Code 运行

#### 打开项目并打开终端

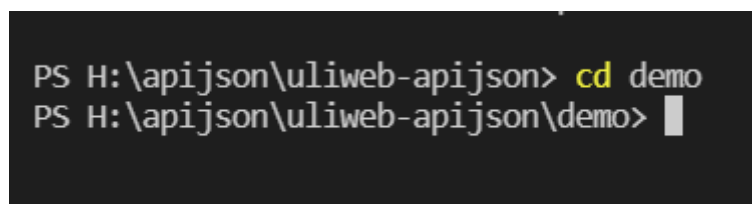
左侧打开文件夹，选中Demo



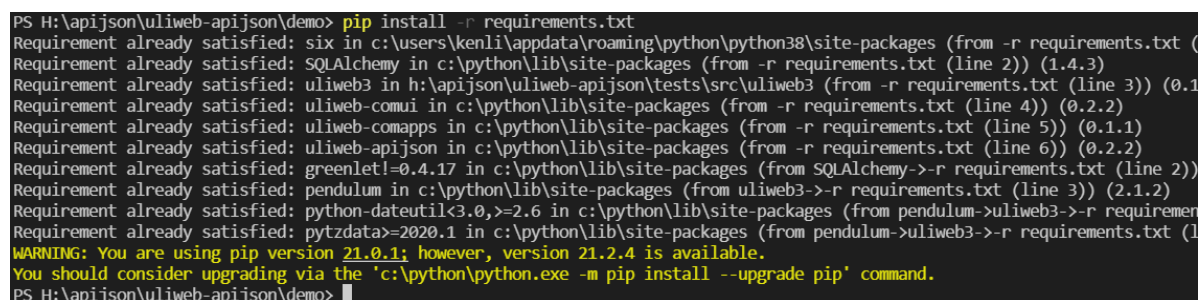
打开终端，目前是在这个目录下



输入指令，切换到demo文件夹中



安装依赖 `pip install -r requirements.txt`



上图是已经安装好依赖的样子，如果大家不能确定是否安装成功可以多运行 `pip install -r requirements.txt` 一次，如果和上图一样则代表安装成功了。

## 配置数据库

输入指令 `uliweb syncdb` 和 `uliweb dbinit`

```
PS H:\apijson\uliweb-apijson\demo> uliweb syncdb
PS H:\apijson\uliweb-apijson\demo> uliweb dbinit
create privacy record for user 'usera'
create privacy record for user 'userb'
create privacy record for user 'userc'
create moment record for user 'usera'
create moment record for user 'userb'
create moment record for user 'userc'
create comment record for user 'usera'
create comment record for user 'userb'
create comment record for user 'userc'
PS H:\apijson\uliweb-apijson\demo> 
```

## 运行项目

输入指令 `uliweb runserver`

可以看到提示，说明运行成功了

```
PS H:\apijson\uliweb-apijson\demo> uliweb runserver
[INFO] * Loading DebuggedApplication...
[INFO] * Running on http://localhost:8000/
[INFO] * Restarting with reloader
[INFO] * Loading DebuggedApplication...

```

打开localhost:8000，进行接口测试

## 接口测试

The screenshot shows the Uliweb API interface. On the left, there is a sidebar with a list of queries under the heading "apijson get examples". The queries include "Single query: self user", "Single query: with id as parameter", "Single query: @column", "Array query: user", "Array query: moment", "Array query: like", "Array query: {} with list", "Array query: {} with conditions", "Array query: simple @expr", "Array query: complex @expr", "Association query: Two tables, one to one", and "Association query: Two tables, one to many". The "Single query: self user" query is selected. On the right, there is a form for testing a POST request. The form has a "login user" field with the text "not login, you can login with username 'admin/usera/userb/userc', and password '123'" and a "Login" button. Below this, there is a "HTTP POST URL" field with the value "/apijson/get", an "example name" field with the value "Single query: self user", and a "request data" field with a JSON object: {"user": {"@role": "OWNER"}}. There is a "Post" button next to the "request data" field. At the bottom, there is a "response data" field.

按照左边的提示进行测试即可。