

## 关于环境说明

我的电脑安装了两个版本的 `python` , `python2.7` 和 `python3.6`

这个项目使用 `python2.7` 版本, 所以这里使用了 `python2.7` 来创建项目的虚拟环境。

项目用了mysql数据库, 所以您需要一个mysql环境, 不知道mysql环境怎么创建, 请学习这个课程: [Mysql视频教程](#), 这个是项目实战, 不是基础课程

## 项目虚拟环境创建

1、创建虚拟环境前, 需要安装一个虚拟环境所需的软件包

```
pip install virtualenvwrapper-win
```

开始创建项目环境

```
mkvirtualenv --python=D:\Python27\python.exe online_web
```

这样就创建一个名为 `online_web` 的虚拟环境

```
1 C:\Users\Administrator>mkvirtualenv --python=D:\Python27\python.exe
  online_web
2 Running virtualenv with interpreter D:\Python27\python.exe
3 New python executable in
  D:\OneDrive\Code_7zGame\Envs\online_web\Scripts\python.exe
4 Installing setuptools, pip, wheel...done.
5
6 (online_web) C:\Users\Administrator>
```

2、下载百度云中的源码包文件, 放到本地盘中

然后使用 `pip install -r` 来安装包中 `pip.txt` 文件

我这里放到了 `D盘` 目录下 `D:\MxCourse-master`

此电脑 > 本地磁盘 (D:) > MxCourse-master

名称	修改日期	类型	大小
apps	2017/12/2 17:14	文件夹	
courses	2017/12/2 17:14	文件夹	
extra_apps	2017/12/2 17:14	文件夹	
media	2017/12/2 17:14	文件夹	
MxOnline	2017/12/2 17:14	文件夹	
static	2017/12/2 17:14	文件夹	
templates	2017/12/2 17:14	文件夹	
.gitignore	2017/12/2 15:40	GITIGNORE 文件	
manage.py	2017/12/2 17:17	Python 文件	
pip.txt	2017/12/2 17:12	文本文档	

```
pip install -r D:\MxCourse-master\pip.txt
```

注意自己的pip.txt文件路径

```
(online_web) C:\Users\Administrator>pip install -r D:\MxCourse-master\pip.txt
Collecting django==1.11.1 (from -r D:\MxCourse-master\pip.txt (line 1))
  Downloading http://mirrors.aliyun.com/pypi/packages/97/ba/7e8117d8efcee589f4d96dd2b2eb1d997f96d27d214cf2
  100% |#####| 102kB 3.0MB/s
Collecting certifi==2017.4.17 (from -r D:\MxCourse-master\pip.txt (line 2))
  Downloading http://mirrors.aliyun.com/pypi/packages/eb/01/clf58987b777d6c4ec535b4e004a4a07bfc9db06f0c753
  100% |#####| 378kB 3.8MB/s
Collecting cffi==1.11.0 (from -r D:\MxCourse-master\pip.txt (line 3))
  Downloading http://mirrors.aliyun.com/pypi/packages/81/d0/505ef854cbeebe07067e9436dfb5e5b71c698aa69b4e23
  100% |#####| 163kB 3.4MB/s
Collecting chardet==3.0.4 (from -r D:\MxCourse-master\pip.txt (line 4))
  Downloading http://mirrors.aliyun.com/pypi/packages/bc/a9/01ffebfb562e4274b6487b4bb1ddec7ca55ec7510b22e4
  100% |#####| 143kB 3.8MB/s
Collecting cryptography==1.9 (from -r D:\MxCourse-master\pip.txt (line 5))
  Downloading http://mirrors.aliyun.com/pypi/packages/c0/72/f0e413c9a0da8b4caf4eaa6d2cefe7e9735f2d5a7b5658a
  100% |#####| 1.3MB 1.7MB/s
Collecting Django==1.9 (from -r D:\MxCourse-master\pip.txt (line 6))
  Downloading http://mirrors.aliyun.com/pypi/packages/ea/9b/b5a6360b3dfcd88d4bad70f59da26cbde4bdec395a31bb
  38% |#####| 2.5MB 994kB/s eta 0:00:05
```

3、安装包中的 `MySQL_python-1.2.5-cp27-none-win_amd64.whl` 文件，这个是python链接mysql的包文件

```
(online_web) C:\Users\Administrator>pip install D:\MxCourse-master\MySQL_python-1.2.5-cp27-none-win_amd64.whl
Processing d:\mxcourse-master\mysql_python-1.2.5-cp27-none-win_amd64.whl
Installing collected packages: MySQL-python
Successfully installed MySQL-python-1.2.5

(online_web) C:\Users\Administrator>
```

基本环境已经配置好了

项目配置

### 1、修改源码文件中的 `settings.py` 文件，修改里面的 `DATABASES` 内容

```
100 DATABASES = {
101     'default': {
102         'ENGINE': 'django.db.backends.mysql',
103         'NAME': 'online_web',
104         'USER': 'root',
105         'PASSWORD': 'qwe123',
106         'HOST': 'localhost',
107         'OPTIONS': {
108             'init_command': "SET foreign_key_checks = 0",
109         }
110     }
111 }
112
```

### 2、在 `cmd` 环境下切换到源码路径

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

(online_web) D:\OneDrive\Code\work\Envs>cd D:\MxCourse-master

(online_web) D:\MxCourse-master>dir
驱动器 D 中的卷没有标签。
卷的序列号是 0004-5A0A

D:\MxCourse-master 的目录
2017/12/02  17:29    <DIR>          .
2017/12/02  17:29    <DIR>          ..
2017/08/01  15:40                173 .gitignore
2017/12/02  17:14    <DIR>          apps
2017/12/02  17:14    <DIR>          courses
2017/12/02  17:14    <DIR>          extra_apps
2017/08/08  11:17                352 manage.py
2017/12/02  17:14    <DIR>          media
2017/12/02  17:14    <DIR>          MxOnline
2017/12/02  17:28           821,050 MySQL_python-1.2.5-cp27-none-win-and64.whl
2017/12/02  17:28                470 pip.txt
2017/12/02  17:14    <DIR>          static
2017/12/02  17:14    <DIR>          templates
                4 个文件      822,045 字节
                9 个目录  8,177,369,088 可用字节

(online_web) D:\MxCourse-master>
```

### 3、生成项目数据库的表操作

```
python manage.py makemigrations
```

```
python manage.py migrate
```



```
(online_web) D:\MxCourse-master>python manage.py makemigrations
No changes detected

(online_web) D:\MxCourse-master>python manage.py migrate
Operations to perform:
  Apply all migrations: xadmin, users, courses, admin, sessions, auth, captcha, contenttypes, organization, operation
Running migrations:
  Rendering model states... DONE
  Applying contenttypes.0001_initial... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0001_initial... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying users.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying captcha.0001_initial... OK
  Applying organization.0001_initial... OK
  Applying organization.0002_auto_20170712_1557... OK
  Applying organization.0003_courseorg_catgory... OK
  Applying organization.0004_auto_20170712_1719... OK
  Applying organization.0005_auto_20170716_1455... OK
  Applying organization.0006_teacher_image... OK
  Applying courses.0001_initial... OK
  Applying courses.0002_auto_20170708_1147... OK
  Applying courses.0003_auto_20170708_1148... OK
  Applying courses.0004_auto_20170708_1203... OK
  Applying courses.0005_course_course_org... OK
  Applying courses.0006_course_category... OK
  Applying courses.0007_video_url... OK
  Applying courses.0008_lesson_learn_times... OK
  Applying courses.0009_course_teacher... OK
  Applying courses.0010_auto_20170725_1411... OK
  Applying courses.0011_auto_20170725_1413... OK
  Applying courses.0012_auto_20170725_1423... OK
  Applying courses.0013_course_is_banner... OK
  Applying operation.0001_initial... OK
  Applying organization.0007_courseorg_tag... OK
  Applying sessions.0001_initial... OK
  Applying users.0002_banner_emailverifyrecord... OK
  Applying users.0003_auto_20170707_2211... OK
  Applying users.0004_auto_20170731_1401... OK
  Applying xadmin.0001_initial... OK
  Applying xadmin.0002_log... OK
  Applying xadmin.0003_auto_20160715_0100... OK
```

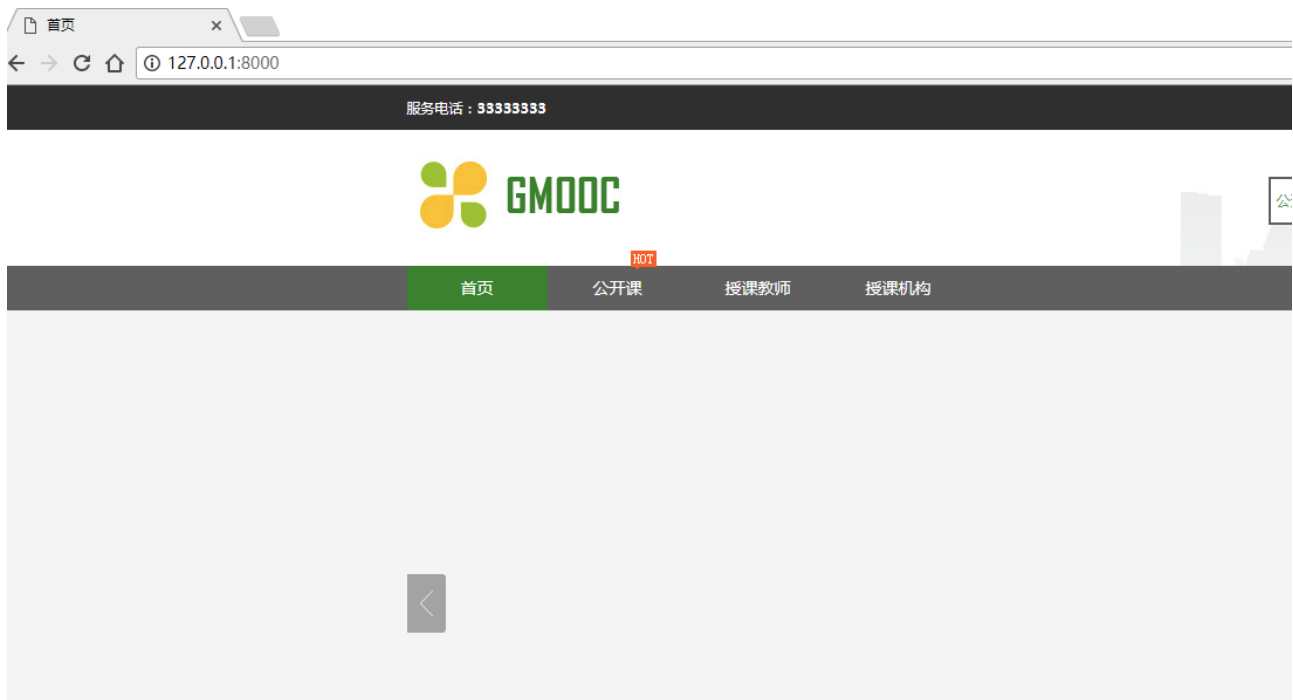
#### 4、启动项目

```
python manage.py runserver
```

```
(online_web) D:\MxCourse-master>python manage.py runserver
Performing system checks...

System check identified no issues (0 silenced).
December 02, 2017 - 13:10:40
Django version 1.9, using settings 'Online.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

#### 5、项目截图



由于未填充数据，所以页面显示是空的

创建管理员账号，进行后台登入

1、使用 `python manage.py createsuperuser` 创建管理员用户

这里创建的为

onlineadmin adminuser

```
(online_web) D:\MxCourse-master>python manage.py createsuperuser
Username: onlineadmin
Email address: 12345678@qq.com
Password:
Password (again):
Superuser created successfully.
```

淘宝店铺  
猫了个咪之IT视频教程

2、后台登入



其他的自己填充数据就行哈

若以上这些操作看到不是很理解，请学习下边这个基础课程

[django基础视频教程](#)

磨刀不误砍柴工，要打好基础，欲速则不达哈。