CUCKOO

HELLO,
I AM CUCKOO...

Poetry in movie , dancing close to me.
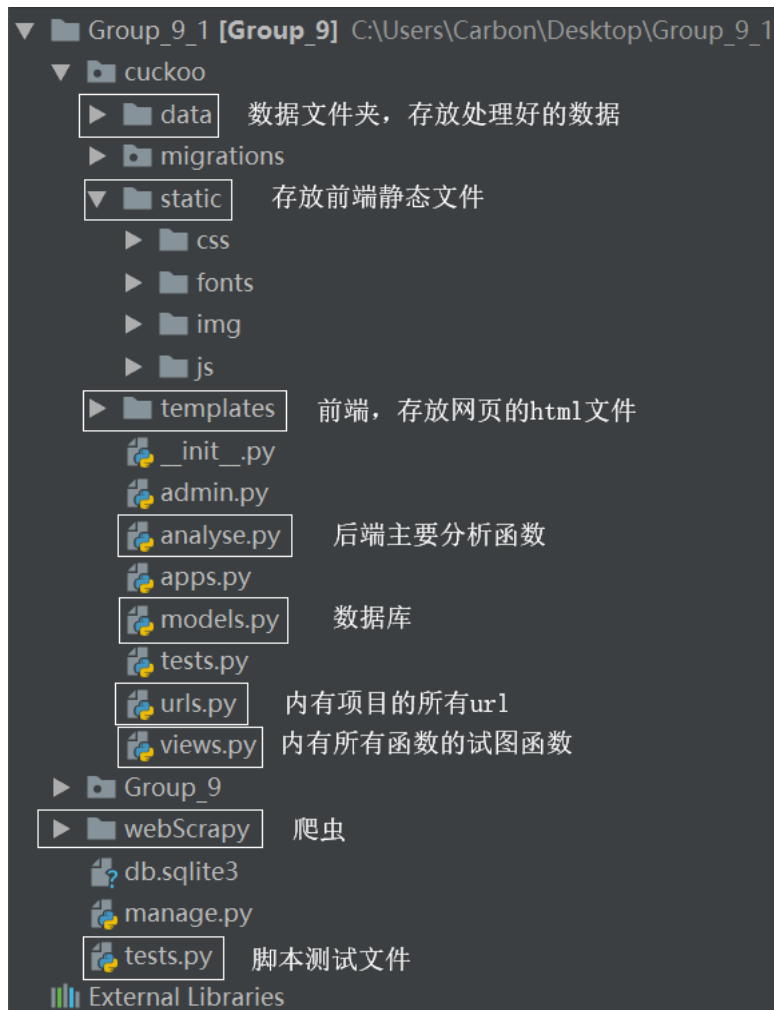
中文

目录

项目名称

Cuckoo 电影数据可视化系统

运行环境

1. Python 3.5 及以上
2. Django 2.1.4 Web 应用框架框架
3. Scrapy 1.5.1Web 抓取框架

文件架构

项目基于 Django 框架，前端网页设计以模板为基础修改、拼接，并实现了后台爬虫、功能实现。

项目结构如图：

前端发送请求的函数写在相应的 js 文件和 html 文件中，较为零散，重要内容参见"软件主要功能说明文档"文件。

附加功能

1. 昼夜模式切换
2. 电影收藏功能
3. 模糊搜索功能

详情参见"软件附加功能说明文档"。

网站使用方式

1. 在 manage.py 同级文件夹下命令行输入"python manage.py runserver"。
2. 打开谷歌浏览器进入"http://[ip]:8000/cuckoo/index"，ip 为当前主机的 ip 地址。

HOME	返回主页并选择白天模式/夜晚模式
SERVICES	1.　MOVIE TABLE 2.　MOVIE TREND 3.　MOVIE ACTORS 4.　BOX OFFICE SHARE
MOVIE TABLE	按照票房顺序展示所筛选的电影
MOVIE TREND	展示 2015-2018 年内电影票房走势
MOVIE ACTORS	展示参与电影最多的演员或拍摄电影最多的导演
BOX OFFICE SHARE	展示不同类型电影所占的市场票房份额
Favorite	展示已收藏电影，且链接到猫眼
History	展示已打印的报表

测试文件使用方式

在 manage.py 同级文件夹下命令行输入"python tests.py"测试。
如图则为通过自动测试：

English

Contend

Project Name

Cuckoo Movie Visualization System

Operating Environment

1. Python 3.5 or above
2. Django 2.1.4 Web Application Framework
3. Scrapy 1.5.1 Web Crawler Framework

File Framework

The project is mainly based on Django Framework. The front-end is based on some Web models and we shaped them. We realized the crawler and data analysis function in the rear-end as well.

File framework is showed below:

The functions used for sending requests in the front-end are scatted in the corresponding "js" and "html" folders. Go to file "软件附加功能说明文档" to see the important details.

Additional Function

1. The switch between day mode and night mode
2. The adding favorite function
3. The fuzzy search function

See "软件附加功能说明文档" for more details.

Website Operation Method

1. Input "python manage.py runserver" in the command line at the same folder as file "manage.py".
2. Use Google Chrome to visit website "http://[ip]:8000/cuckoo/index" where ip is the ip

address of your computer.

HOME	Return to home page and choose day mode/night mode
SERVICES	1. MOVIE TABLE 2. MOVIE TREND 3. MOVIE ACTORS 4. BOX OFFICE SHARE
MOVIE TABLE	Show selected movies in the sequence of box office
MOVIE TREND	Show the trend of box office during 2015-2018
MOVIE ACTORS	Show the actors/actresses that participated in the most movies or the directors that shot the most movies
BOX OFFICE SHARE	Show the shares occupied by different type of movies
Favorite	Show your favorite movies linked to Cat Eye
History	Show the report forms that have been printed

Test File Use-pattern

Input "python tests.pyr" in the command line at the same folder as file "manage.py", if the result is the same as picture below then the automatic test is passed: