Chapter 1: Installing Python and Django



 \equiv

Search for Movie:

Search

Searching for: None



Harry Potter and the Philosopher's Stone

It is a 2001 fantasy film directed by Chris Columbus



The Matrix Revolutions

It is a 2003 American science fiction action film



Gladiator

Gladiator is a 2000 epic historical drama film directed by Ridley Scott and written by David Franzoni, John Logan,







Harry Potter and the Philosopher's Stone

It is a 2001 fantasy film directed by Chris Columbus

Add Review

Reviews

Review by GregLim

Nov. 15, 2021, 2:09 p.m.

Best Movie

Review by DanielCorrea

Nov. 15, 2021, 2:29 p.m.

Good Movie!

Update

Delete

© 2021 Copyright - Greg Lim - Daniel Correa





Add	Review	for H	larry l	Potter	and	the	Phi	osop	her'	s S	Stone

Text:

Watch Again:

Add Review



Install Python 3.10.2 (64-bit)

Select Install Now to install Python with default settings, or choose Customize to enable or disable features.

Install Now

C:\Users\yo\AppData\Local\Programs\Python\Python310

Includes IDLE, pip and documentation Creates shortcuts and file associations

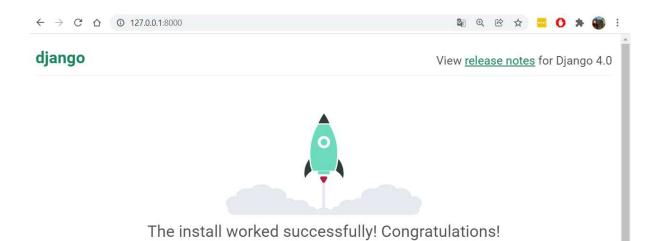
→ Customize installation Choose location and features

- ✓ Install launcher for all users (recommended)
- Add Python 3.10 to PATH

Cancel

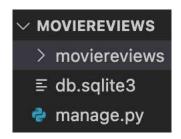
×

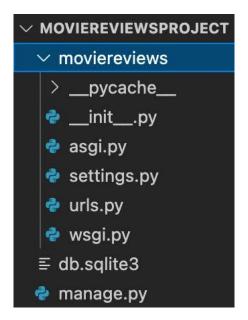
MacBook-Air:~ user\$ python3 -m django Type 'python -m django help <subcommand>' fo Available subcommands: check compilemessages createcachetable dbshell diffsettings dumpdata flush inspectdb loaddata makemessages makemigrations migrate runserver sendtestemail shell showmigrations sqlflush sqlmigrate sqlsequencereset squashmigrations startapp startproject test testserver

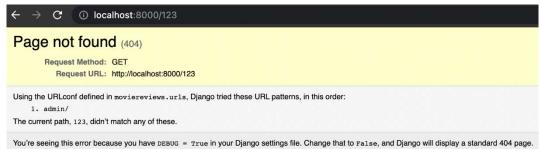


You are seeing this page because <u>DEBUG=True</u> is in your settings file and you have not configured any URLs.

Chapter 2: Understanding the Project Structure and Creating our First App

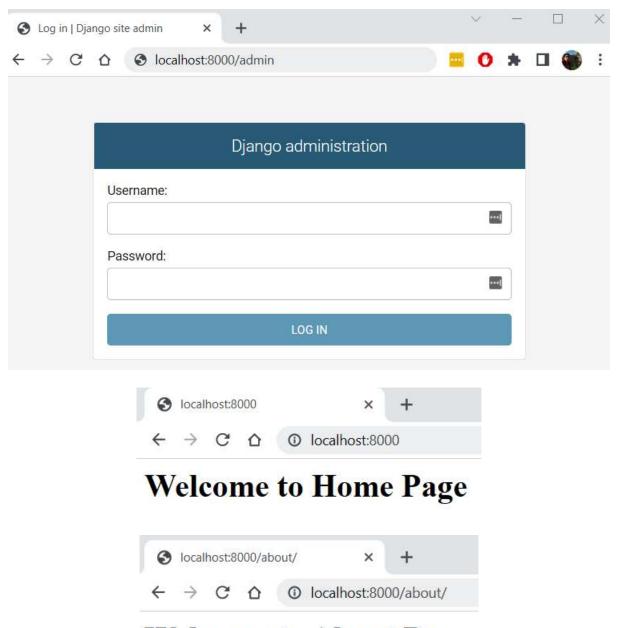






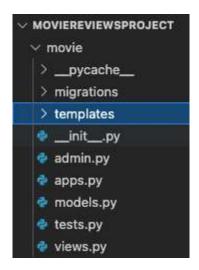


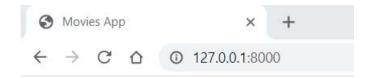
Chapter 3: Managing Django URLs



Welcome to About Page

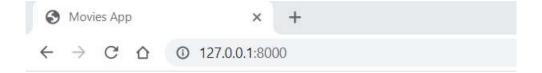
Chapter 4: Generating HTML Pages with Templates





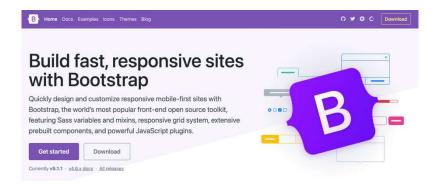
Welcome to Home Page

This is the full home page



Welcome to Home Page, Greg Lim

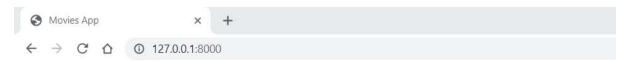
This is the full home page



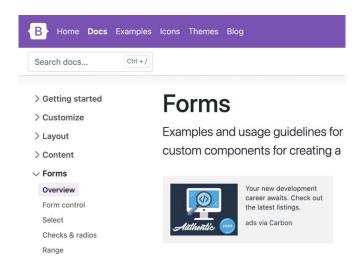


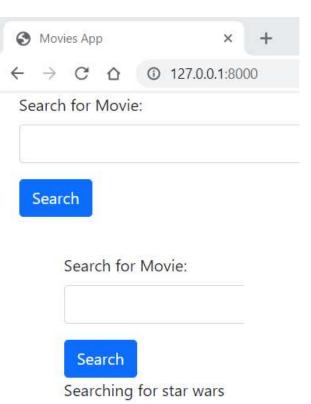


Welcome to Home Page, Greg Lim This is the full home page



Welcome to Home Page, Greg Lim This is the full home page





Join our mailing list:

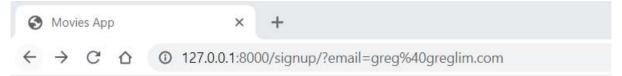
Enter your email:

greg@greglim.com

Sign Up



Added greg@greglim.com to mailing list



Added greg@greglim.com to mailing list

Chapter 5: Working with Models

CharField

class CharField(max_length=None, **options)

A string field, for small- to large-sized strings.

For large amounts of text, use TextField.

The default form widget for this field is a **TextInput**.

CharField has two extra arguments:

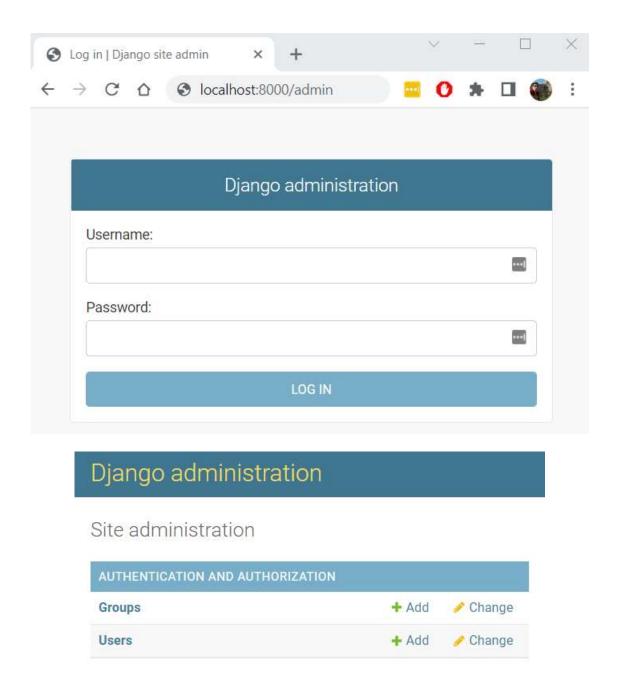
CharField.max_length

Required. The maximum length (in characters) of the field. using MaxLengthValidator.

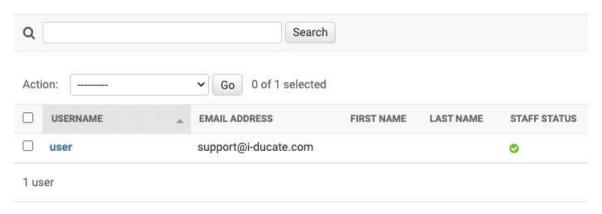
```
MacBook-Air:moviereviewsproject user$ python3 manage.py migrate
  Apply all migrations: admin, auth, contenttypes, sessions
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... 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 auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_alter_user_first_name_max_length... OK Applying sessions.0001_initial... OK
```

```
✓ movie
> _pycache_
✓ migrations
> _pycache_
_init_.py
0001_initial.py
```

```
Operations to perform:
Apply all migrations: admin, auth, contenttypes, movie, sessions
Running migrations:
Applying movie.0001 initial... OK
```

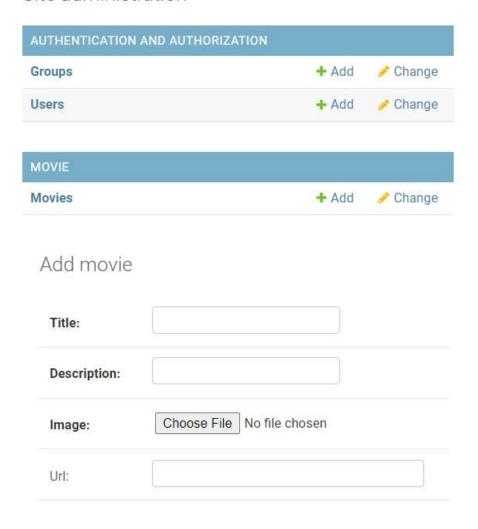


Select user to change

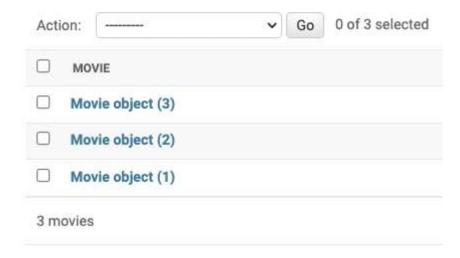


Django administration

Site administration



Select movie to change



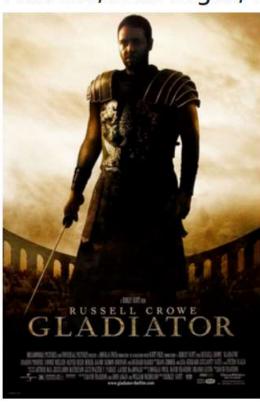
Chapter 6: Displaying Objects from Admin



Searching for: None

Gladiator

Gladiator is a 2000 epic historical drama film directed by Ridley Scott and written by David Franzoni, John Logan, and William Nicholson.



Movie Link

Search

Searching for: None



Gladiator

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Movie Link



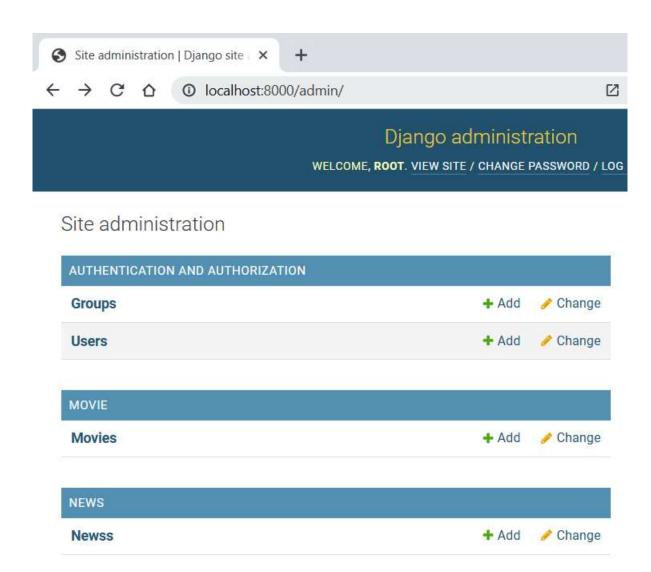
Fast & Furious 9

F9 (also known as F9: The Fast Saga and internationally as Fast & Furious 9) is a 2021 action film directed by Justin Lin from a screenplay by Daniel Casey and Lin.



Harry Potter and the Half-Blood Prince

Harry Potter and the Half-Blood Prince is a 2009 fantasy film directed by David Yates and distributed by Warner Bros. It is based on J. K. Rowling's 2005 novel of the same name.



Student 'in game of Cluedo' with Asos over mystery item

April 8, 2022

A student has said she feels like she is in a "massive game of Cluedo" with online retailer Asos, after accidentally sending them one of her belongings when returning a package.

Leclerc beats Max Verstappen in practice as Mercedes struggles continue

April 5, 2022

Charles Leclerc headed Red Bull's Max Verstappen in Friday practice at the Australian Grand Prix. Leclerc ended the session 0.245 seconds ahead of the Dutchman, who appeared to have the potential to go faster had it not been for traffic and some errors.

An icy mystery deep in Arctic Canada

April 8, 2022

Known as the "Crystal Eye" to the Inuit, Pingualuit Crater was once the destination for diamond-seeking prospectors. But the real treasure is the stories its deep waters can tell.

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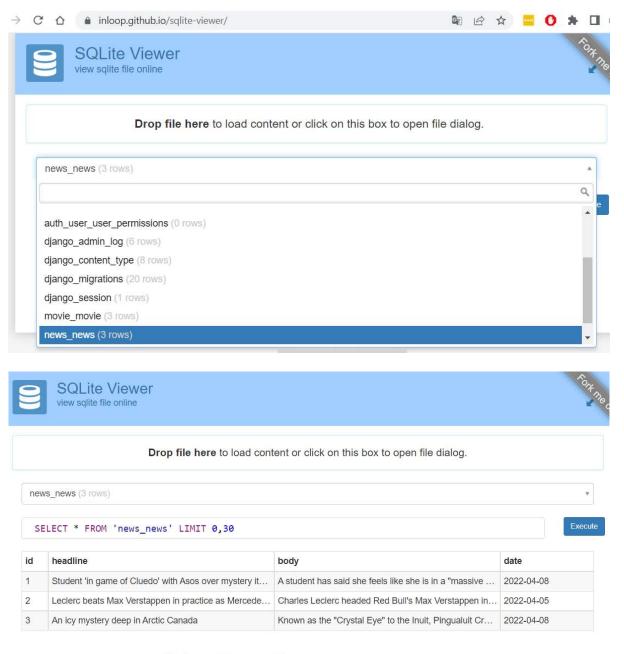
April 8, 2022

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April 5, 2022

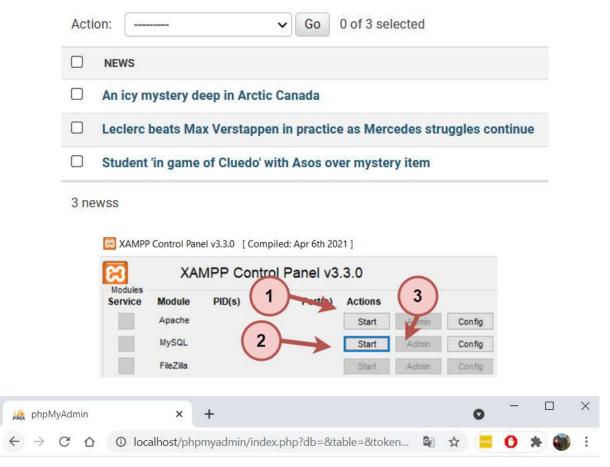
Chapter 7: Understanding the Database



Select news to change



Select news to change

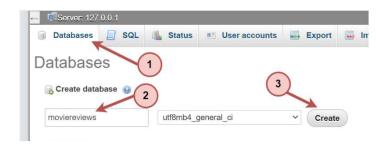


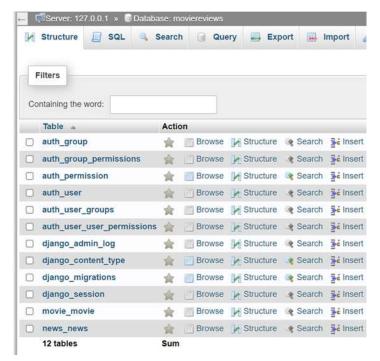


Welcome to phpMyAdmin

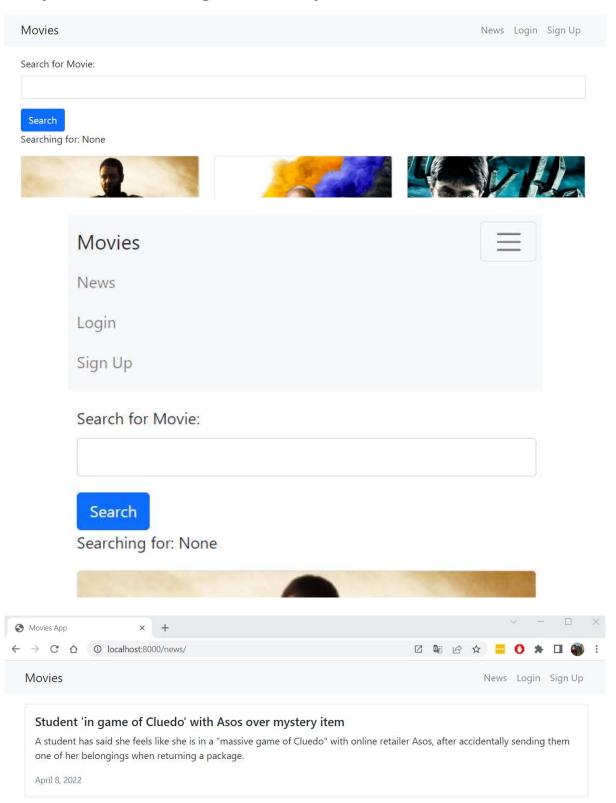
Language







Chapter 8: Extending Base Templates



Movies News Login Sign Up

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April 5, 2022

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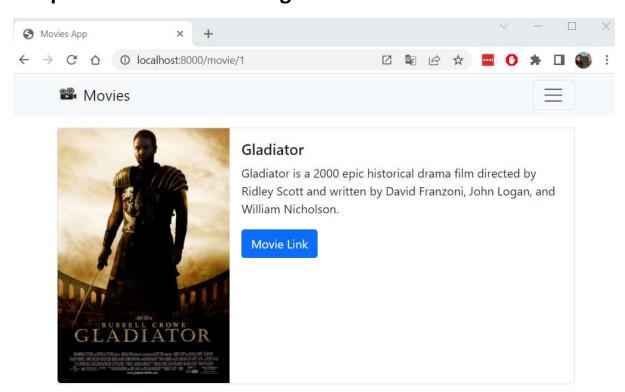






News Login Sign Up

Chapter 9: Movie Detail Page



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Gladiator is a 2000 epic historical drama film directed by Ridley Scott and written by David Franzoni, John Logan, and William Nicholson.

Movie Link

F9 (also known as F9: The Fast Saga and internationally as Fast & Furious 9) is a 2021 action film directed by Justin Lin from a screenplay by Daniel Casey and Lin.



Harry Potter and the Half-Blood Prince

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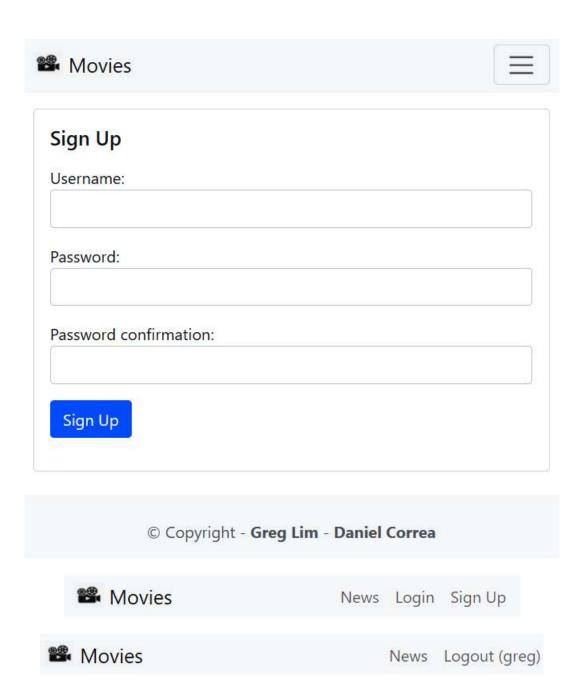
Chapter 10: User Sign Up and Log In

Username:			
Required. 150 characters or fewer. Letters, digits and	@/./+/-/_ only. Password:		
Your password can't be too similar to your othe Your password must contain at least 8 character Your password can't be a commonly used passw Your password can't be entirely numeric. Password confirmation: Enter the same password as before, for verification.	S.		
Movies	N	ews Login	Sign Up
Password: • Your password can't be too similar to your other • Your password must contain at least 8 characters • Your password can't be a commonly used password	j.	s and @/./+,	/-/_ only.
Your password can't be entirely numeric. Password confirmation: Er	nter the same password as before	, for verifica	ition.
Sign Up			
0.5	aht Coarline Daniel Comm		

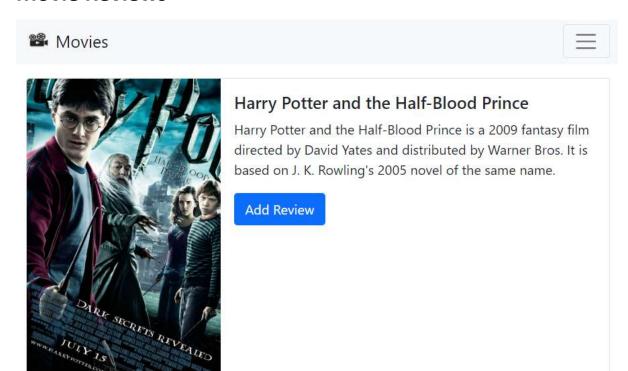
Django administration WELCOME, ROC Site administration Recent actions + Add Change Groups Users + Add Change My actions + News object (3) + News object (2) Movies + Add Change + News object (1) + Movie object (3) Movie Newss + Add Change ◆ Movie object (2) Movie object (1) Movies Movies Sign Up Passwords do not match ■ Required. 150 characters or Username: Sign Up Username already taken. Choose new username.

Username:

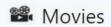
Required. 150 characters or



Chapter 11: Letting Users Post, List, Update and Delete Movie Reviews



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Harry Pott	ter and the	Half-Blood	k
			11
	Harry Pot	Harry Potter and the	Harry Potter and the Half-Blood

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Harry Potter and the Half-Blood Prince

Harry Potter and the Half-Blood Prince is a 2009 fantasy film directed by David Yates and distributed by Warner Bros. It is based on J. K. Rowling's 2005 novel of the same name.

Add Review

Reviews

Review by GregLim

April 10, 2022, 1:56 p.m.

Great movie

Review by DanielCorrea

April 10, 2022, 1:57 p.m.

A master piece!

Update

Delete







Harry Potter and the Half-Blood Prince

Harry Potter and the Half-Blood Prince is a 2009 fantasy film directed by David Yates and distributed by Warner Bros. It is based on J. K. Rowling's 2005 novel of the same name.

Add Review

Reviews

Review by GregLim

April 10, 2022, 1:56 p.m.

Great movie

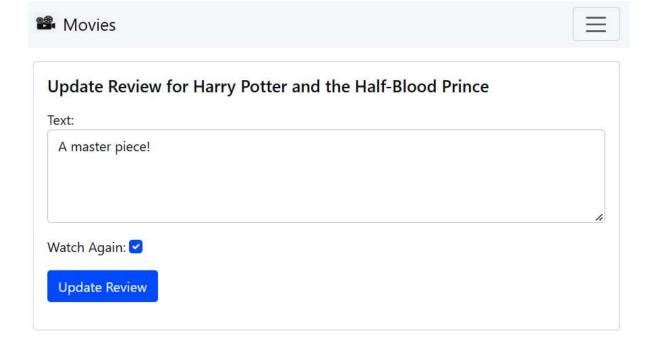
Review by DanielCorrea

April 10, 2022, 1:57 p.m.

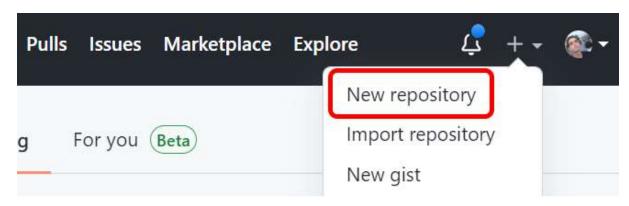
A master piece!

Update

Delete



Chapter 12: Deployment



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.



...or create a new repository on the command line

```
echo "# moviereviews" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/danielgara/moviereviews.git
git push -u origin main
```

Enumerating objects: 96, done.

Counting objects: 100% (96/96), done.

Delta compression using up to 12 threads

Compressing objects: 100% (89/89), done.

Writing objects: 100% (96/96), 692.02 KiB | 16.09 MiB/s, done.

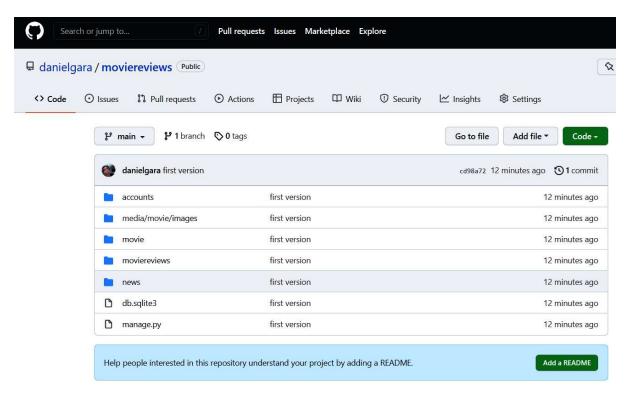
Total 96 (delta 16), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (16/16), done.

To https://github.com/danielgara/moviereviews.git

* [new branch] main -> main

Branch 'main' set up to track remote branch 'main' from 'origin'.





```
git clone https://github.com/danielgara/moviereviews.git
 Cloning into 'moviereviews
remote: Enumerating objects: 96, done.
remote: Counting objects: 100% (96/96), done.
remote: Compressing objects: 100% (73/73), done.
remote: Total 96 (delta 16), reused 96 (delta 16), pack-reused 0
Unpacking objects: 100% (96/96), 692.00 KiB | 28.00 KiB/s, done.
Updating files: 100% (79/79), done.
15:58 ~ $ ls
                              moviereviews
```

(moviereviewsenv) 16:05 ~ \$

Send feedback Forums Help Blog Account Log out



Dashboard Consoles Files Web Tasks Databases

Create new web app



Select a Python Web framework

...or select "Manual configuration" if you want detailed control.

- » Django
- » web2py
- » Flask
- » Bottle
- » Manual configuration (including virtualenvs)

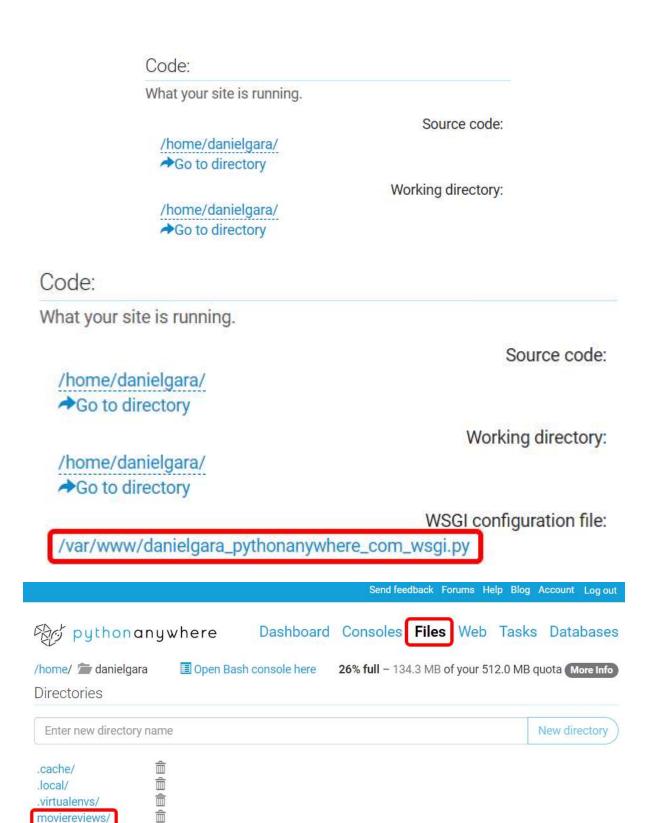
What other frameworks should we have here? Send us some feedback using the link at the top of the page!

Virtualenv:

Use a virtualenv to get different versions of flask, django etc from our default system ones. More info here. You need to **Reload your web app** to activate it; NB - will do nothing if the virtualenv does not exist.

/home/danielgara/.virtualenvs/moviereviewsenv

Start a console in this virtualenv





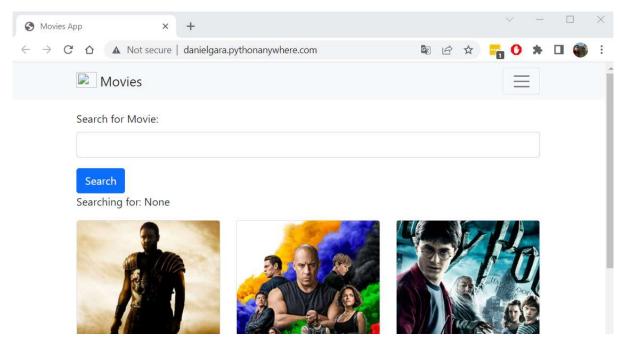
danielgara.pythonanywhere.com

• Add a new web app

Configuration for danielgara.pythonanywhere.com

Reload:

C Reload danielgara.pythonanywhere.com



(moviereviewsenv) 18:14 ~ \$ cd moviereviews/
(moviereviewsenv) 18:14 ~/moviereviews (main)\$ ls
accounts db.sqlite3 manage.py media movie moviereviews news
(moviereviewsenv) 18:14 ~/moviereviews (main)\$ python manage.py collectstatic

129 static files copied to '/home/danielgara/moviereviews/static'.
(moviereviewsenv) 18:16 ~/moviereviews (main)\$ [

Static files:

Files that aren't dynamically generated by your code, like CSS, JavaScript or uploaded files, can be served much faster straight off the disk if you specify them here. You need to **Reload your web app** to activate any changes you make to the mappings below.

