

This movie api uses django rest framework to interact with omdbapi.com, fetch results from it and store in Application database.

Loading the API Root(127.0.0.1:8000) will show you two hyperlinks titled details and comments respectively.

Details will show you information of all the movies as stored in the database. Similarly, Comments will show you all the comments stored in application database.

If you want to fetch information for a new movie, you have to pass the appropriate title. You can do this by navigating from API Root to /home (in the browser: 127.0.0.1:8000/home)

-> From this page, can insert the movie title for fetching other info from omdbapi.com. Movie details fetched from omdbapi.com will be shown as a JsonResponse and simultaneously be saved in the application database. If you wish to see the latest info that you pulled, just load the API Root page and go to the hyperlink "Details" again and this time you will see your movie information stored at the end of the list.

If you want to see filtered results of only IMDB Rating with IMDB Votes for any particular movie, you have to navigate from the API Root to /filter_movie that is in the browser : 127.0.0.1:8000/filter_movie

-> From this page, you can type your movie title (case insensitive but the full name has to be provided) and get only the IMDB Rating with IMDB Votes among all other info stored.

As mentioned before, the 2nd Hyperlink in API Root will show you list of all comments stored in the database. It will show you which comments are stored for which movies as well by providing the movie id. Clicking on this movie id you can navigate to fetching all other details for that movie as stored in the database. You can also filter comments for individual movies by passing id of the movie. Navigate in the browser (127.0.0.1:8000/comments_by_id)

-> From this page, pass movie ID (ID has to be of the movie IDs stored in database) : that you want to retrieve all comments for this movie. If your passed ID has comments stored in the application database, it will show them in a list separated by commas.

Finally, you can post comments for any movie you like from the database by going to Comments Hyperlink. At the end of the page you will see movie IDs to choose from (IDs of movies in the database) and then insert your comment for that movie. Upon clicking "Post", your comment and the movie ID will be shown to you as a response and this comment will be stored in the database. You can refresh the comments hyperlink to see your inserted comments in the list.