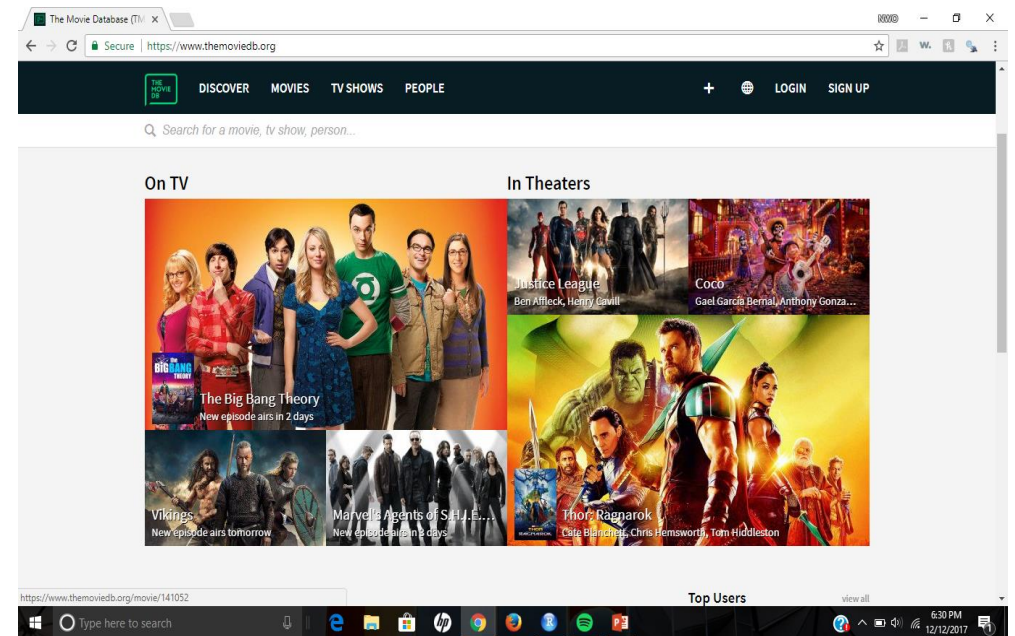


# Team Drama Queens

# The Movie Database Website (TMDB)

- <https://www.themoviedb.org>
- This website is used by thousands of web developers.
- We created functions according to the API request documentation to obtain movie information, actor/actress information, ratings, pictures, etc.
- Each function served a specific purpose to pull a person's information or a movie's information or specific details such as ratings or an associated movie word cloud.
- Then using SHINY we created an app to interactively take in these functions and display movies, actors, etc.



# Displaying Popular Movies

Movies



⚡ What's New

🔗 Recommend Movie

👤 Search People

📺 Search Movie

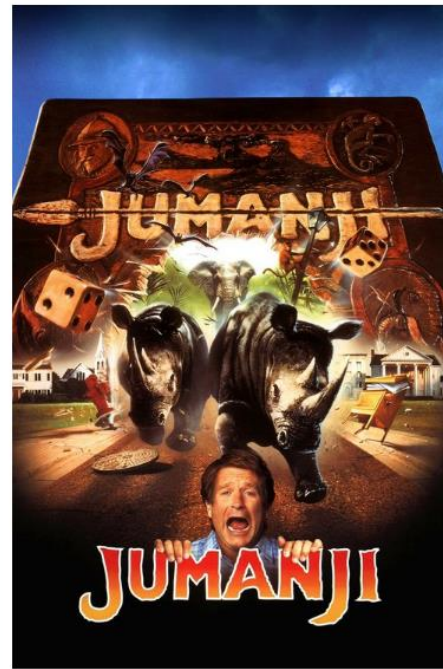
ℹ About

What's Popular

Now Playing



**It**  
Rate: 7.2



**Jumanji**  
Rate: 6.9




**Thor: Ragnarok**  
Rate: 7.5

# Displaying Now Playing Movies

Movies

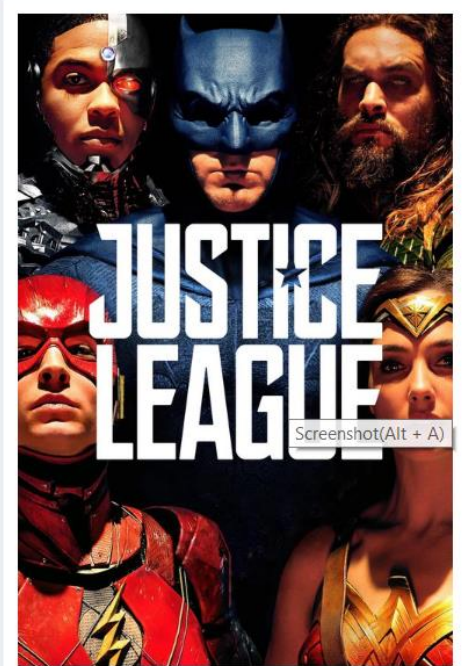
- What's New
- Recommend Movie
- Search People
- Search Movie
- About

What's Popular **Now Playing**




Thor: Ragnarok

Rate: 7.5



Justice League

Rate: 6.6



Coco

Rate: 7.7



# Displaying Search of People


**Movies** ☰


- ⚡ What's New
- 🔗 Recommend Movie
- 👤 Search People
- 📺 Search Movie
- 📄 About

**Name**

  
  
Show  entries 

Title	Character	Release Date	Popularity	Rate
For Love or Money (2014)	Xing Lu	2014-11-07	1.097992	0.0
Love in Disguise	Song Xiao-Qing	2010-08-12	1.034923	5.2
A Chinese Ghost Story	Siu Sin	2011-04-21	2.023927	5.5
White Vengeance	Yu Ji	2011-11-29	1.320306	6.2
Love of May	Crystal Liu	2004-07-16	1.004732	8.0
The Four	Emotionless	2012-07-12	4.356556	6.5
The Assassins	Ling Ju / Diao Chan	2012-09-26	2.121758	5.5
The Four 2	Emotionless	2013-11-21	1.766874	7.3
The Four 3	Emotionless	2014-08-21	2.570482	6.5



**5.4**  
Rate 

# Displaying Search of a Movie

## Movies

- What's New
- Recommend Movie
- Search People
- Search Movie
- About


Movie Name

Search


### Overview

84 years later, a 101-year-old woman named Rose DeWitt Bukater tells the story to her granddaughter Lizzy Calvert, Brock Lovett, Lewis Bodine, Bobby Buell and Anatoly Mikailavich on the Keldysh about her life set in April 10th 1912, on a ship called Titanic when young Rose boards the departing ship with the upper-class passengers and her mother, Ruth DeWitt Bukater, and her fiancé, Caledon Hockley. Meanwhile, a drifter and artist named Jack Dawson and his best friend Fabrizio De

### Poster

The poster for the movie Titanic features a close-up of a young woman (Rose) and a young man (Jack) looking at each other. Below them, the word "TITANIC" is written in large, metallic letters. At the bottom, the ship is shown sailing on a dark, stormy sea.

### You may also like:

The poster for the movie Days of Heaven shows a large, ornate house in the background and a silhouette of a man in a hat in the foreground, standing in a field of tall grass.

**Days of Heaven**  
Rate: 7.7

```
get_now_playing = function(){↔}
get_popular = function(){↔}
get_search_people = function(people){↔}
get_detail = function(id){↔}
get_people_images = function(id){↔}
get_people_movie = function(id){↔}
get_search_movie = function(movie){↔}
get_movie_credits = function(id){↔}
get_movie_review = function(id){↔}
get_similar_movies = function(id){↔}
get_genre_movies = function(genre_name){↔}
get_review_nyt = function(movie){↔}
get_movie_wordcloud = function(review){↔}
```

# ALL FUNCTIONS

## Get\_now\_playing

- Give now-playing movies

## Get\_popular

- Give popular movies

```
get_now_playing = function(){↔}
```

```
get_popular = function(){↔}|
```

```
get_search_people = function(people){↔}
```

```
get_detail = function(id){↔}
```

```
get_people_images = function(id){↔}
```

```
get_people_movie = function(id){↔}
```

```
get_search_movie = function(movie){↔}
```

```
get_movie_credits = function(id){↔}
```

```
get_movie_review = function(id){↔}
```

```
get_similar_movies = function(id){↔}
```

```
get_genre_movies = function(genre_name){↔}
```

```
get_review_nyt = function(movie){↔}
```

```
get_movie_wordcloud = function(review){↔}
```



## Get ID

### Get\_search\_people

- Input person's name
- Get person's id

### Get\_search\_movie

- Input movie name
- Get movie id and introduction

```
get_now_playing = function(){↔}
```

```
get_popular = function(){↔}
```

```
get_search_people = function(people){↔}
```

```
get_detail = function(id){↔}
```

```
get_people_images = function(id){↔}
```

```
get_people_movie = function(id){↔}
```

```
get_search_movie = function(movie){↔}
```

```
get_movie_credits = function(id){↔}
```

```
get_movie_review = function(id){↔}
```

```
get_similar_movies = function(id){↔}
```

```
get_genre_movies = function(genre_name){↔}
```

```
get_review_nyt = function(movie){↔}
```

```
get_movie_wordcloud = function(review){↔}
```

## Use movie ID

### Get\_similar\_movies

- Input original movie id
- Get similar recommended movies

### Get\_movie\_credits

- Input movie id
- Get casts of the movie

### Get\_review\_nyt

- Input movie name
- Get its URL of reviews from New York Times and read this URL
- Return reviews

### Get\_movie\_wordcloud

- Input movie review
- Get wordcloud

```
get_movie_credits = function(id){↔}
```

```
get_movie_review = function(id){↔}
```

```
get_similar_movies = function(id){↔}
```

```
get_genre_movies = function(genre_name){↔}
```

```
get_review_nyt = function(movie){↔}
```

```
get_movie_wordcloud = function(review){↔}
```

## Use people ID

### Get\_people\_images

- Input person id
- Get image of that person

### Get\_people\_movie

- Input person id
- Get all movies related to that person

### Get\_detail

- Input person id
- Get detailed information

```
get_detail = function(id){↔}
```

```
get_people_images = function(id){↔}
```

```
get_people_movie = function(id){↔}
```