

Movie Catalog

Scenario

You are an avid movie collector and have had a lifelong dream of compiling the greatest ensemble of movies known to man; however, your collection is too extensive for any human to scan through manually.

Task

Your task is to demonstrate your skill by designing and implementing single page app for a movie catalog.

Features

1. **SEARCH:** The catalog should allow you to search movies by name.
2. **FILTER:** The catalog should allow you to filter by genre

At EquitySim, we are using a combination of **React/Redux** to build out our frontend but you may use any build tools and frontend framework/templating language to accomplish the task.

TIP: Keep extensibility in mind when architecting your code, to allow new features to be added.

Getting Started

For this task you will need:

1. Node ($\geq 6.0.0$)
2. NPM

In order to request for the movie data, you will need to run the node server that is included in this package. By default, the command to do this is:

```
$ npm start
```

Once the server is up, you may make a GET request for the data by hitting

`http://localhost:3000/api/movies`.

You can expect the data to be in the following JSON format:

```
[
  ...
  {
    "title": "The Lion King",
    "year": 1994,
    "director": "Rob Minkoff",
    "cast": "(voices) Jonathan Taylor Thomas, Matthew Broderick, Jeremy Irons, James Earl Jones, Whoopi Goldberg, Moira Kelly, Nathan Lane",
    "genre": "Animated",
```

```
    "notes": "2 Academy Awards; Golden Globe Best Picture Musical or Comedy"  
  },  
  ...  
]
```