

Muuv Backend Coding Assignment

Background

At Muuv Labs, we really like Marvel... REALLY REALLY LIKE Marvel. Did you know that there are two actors who played more than one leading role in Marvel movies? Let's create a new endpoint that will identify them dynamically.

The assignment

We will need a web server that will answer the following question:

Actors who played more than one Marvel character?

Api definition: [GET] /actorsWithMultipleCharacters

Almost Exact Expected Response:

```
{
  "Chris Evans": [
    {
      "movieName": "Fantastic Four (2005)",
      "characterName": "Johnny Storm / Human Torch"
    },
    {
      "movieName": "Captain America: The First Avenger",
      "characterName": "Steve Rogers / Captain America"
    }
  ],
  "Michael B. Jordan": [
    {
      "movieName": "Fantastic Four (2015)",
      "characterName": "Johnny Storm / The Human Torch"
    },
    {
      "movieName": "Black Panther",
      "characterName": "N'Jadaka / Erik 'Killmonger' Stevens"
    }
  ]
}
```

The movie names can be different, but the actor and character names must match, even if not in this order.

Prerequisites

- The server will be implemented in JS (Not TS) using preferably async/await or promises.
- Using ExpressJS and Axios
- Use the following API:
<https://developers.themoviedb.org/3/getting-started/introduction>
 - api_key: ac505a02032a33d65dd28b41f72182e1
- You should expose REST endpoint that will provide an answer to the question above.
- Update the README file with instructions on how to query that endpoint.
- Your implementation should be committed to your own public git repository (fork the assignment repository sent to you)
- The assignment boilerplate code contains a list of Marvel movies & actors we're interested in. Use this in your code.

How will this be evaluated

We're looking for these main features:

- A working implementation that fulfills the assignment given.
- Scalable & performant code with extensibility in mind.
- Clean, legible and verbose code.
- Efficient use of JS and its components.
- Tests are very much encouraged.
- Meaningful commit messages

Good Luck!