

General SWE Engineering Challenge

Build a simple application using <https://swapi.dev/api> to show which Star Wars characters are associated with a search term (name of a planet, starship, film etc.) in the Star Wars universe.

Implementation Details

Feel free to use typescript and any libraries and/or technology of your choosing, with a focus on writing it as if it were a production system not an exercise. The only library we ask you NOT to use are any that wrap the SWAPI directly.

Input

The system should take in a string input (in the simplest form for how you built the app e.g. CLI, text input on a basic web app) representing the name or partial name of an object e.g. "Luke" or "Millennium Falcon".

Output

Use <https://swapi.dev/api> to figure out which type of object the string input is, and then display the relevant people associated with it. For example "A New Hope" would display the names of the main characters in that film.

Deliverables

We want you to take your time and build a high quality solution, but we also realize you're busy! Please spend no more than a couple of hours on this, but have fun with it. Show off!

A README that contains:

- Instructions on how to run your code
- A general description of how your app works

- Brief (1 paragraph) thoughts on how you'd implement this in a high volume environment

Production ready code that:

- Follows community standard syntax and formatting
- Is free of debug statements, TODO's etc.
- Has sufficient test coverage

Bonus Points (not expected)

Add a visual element in some way.