

# **Desafio Backend - Star Wars**

## **Manual da API**

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# Sumário

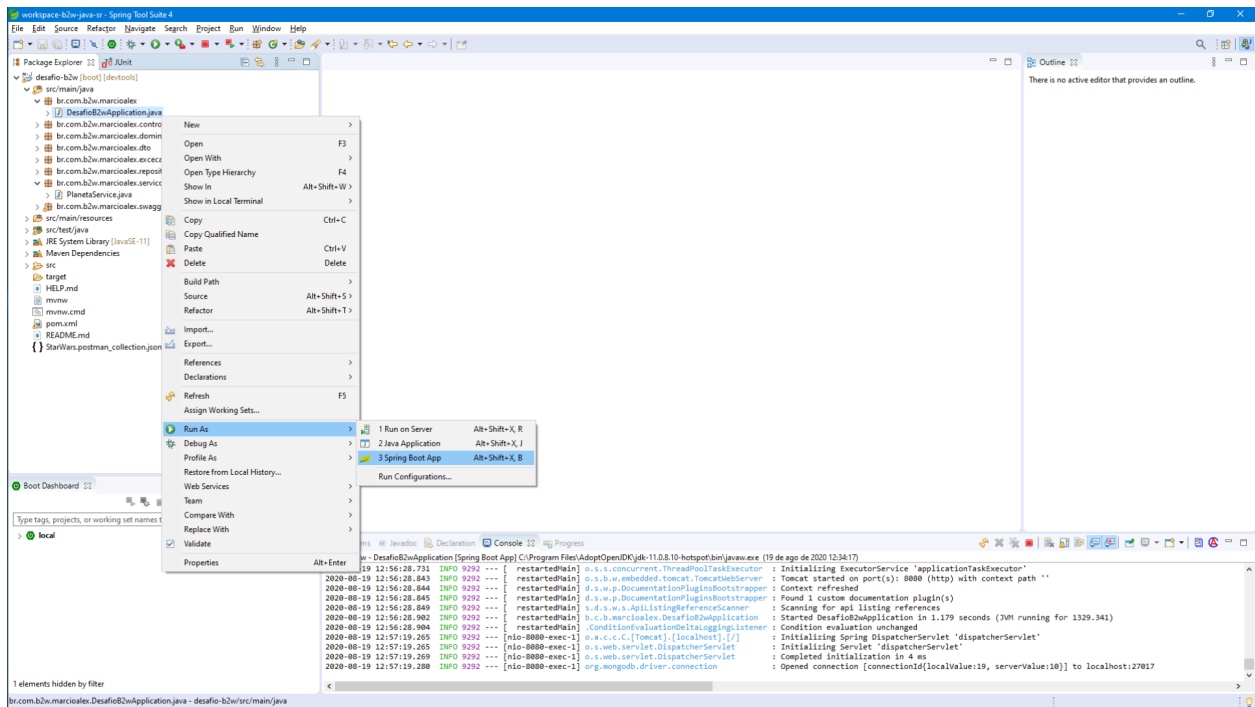
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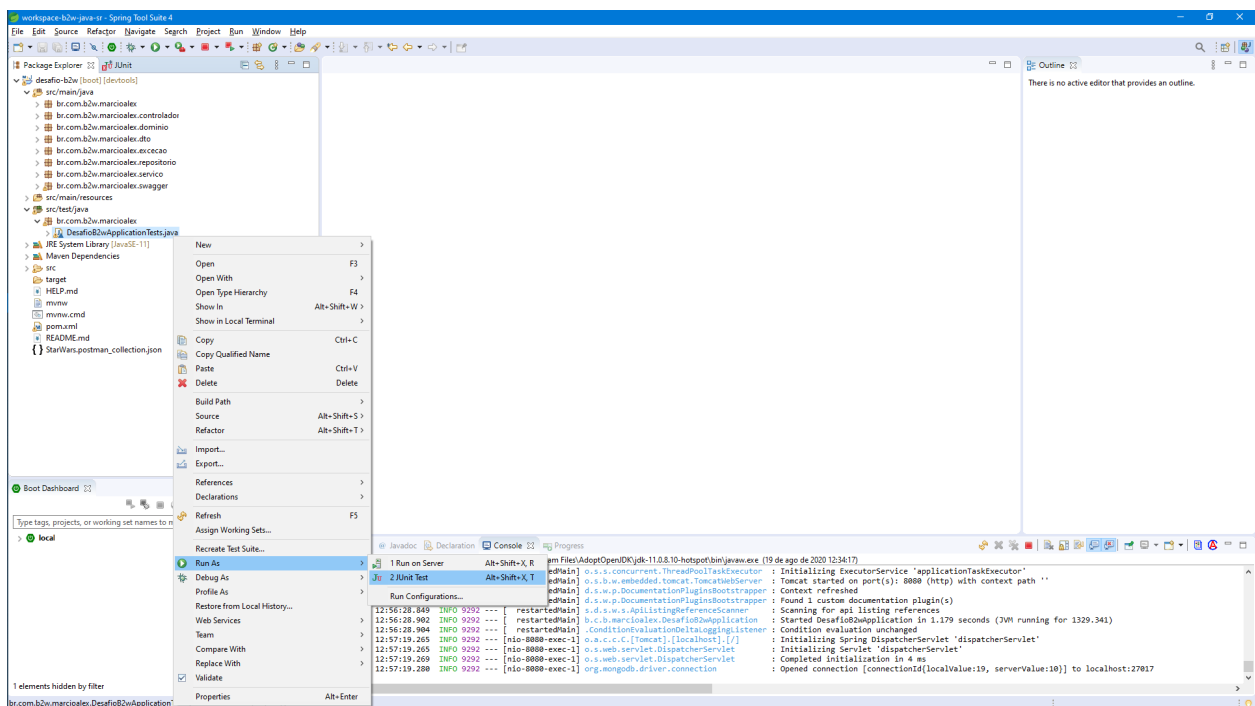
# Objetivo

O projeto consiste em uma 'WebApi' desenvolvida para servir de insumo a uma das fases do processo seletivo da empresa B2W.

## Executando o Projeto no STS



## Executando os Testes



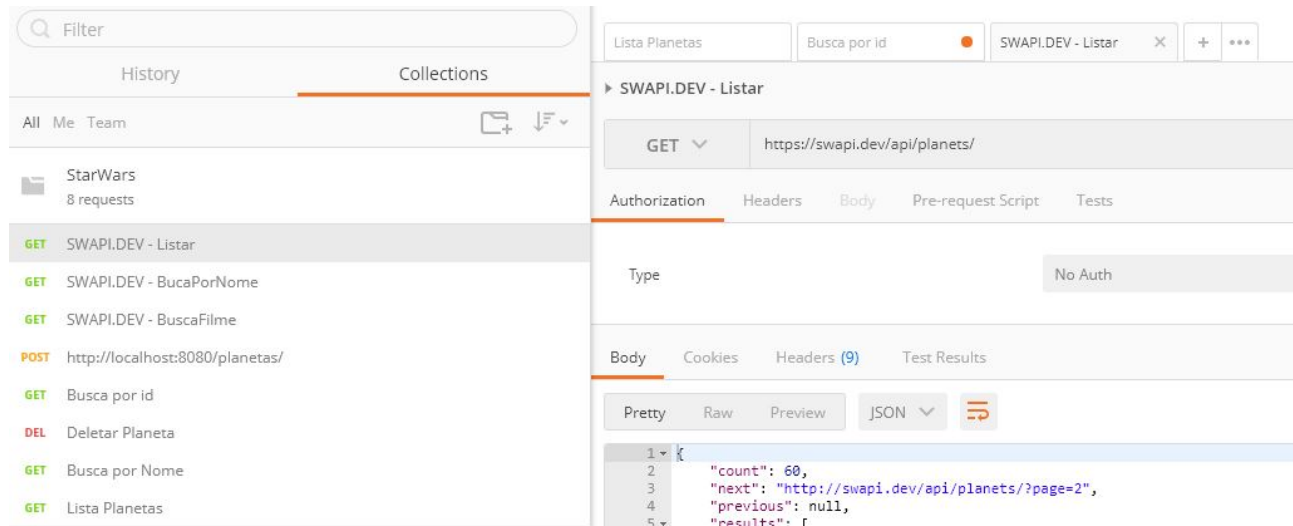


# Documentação

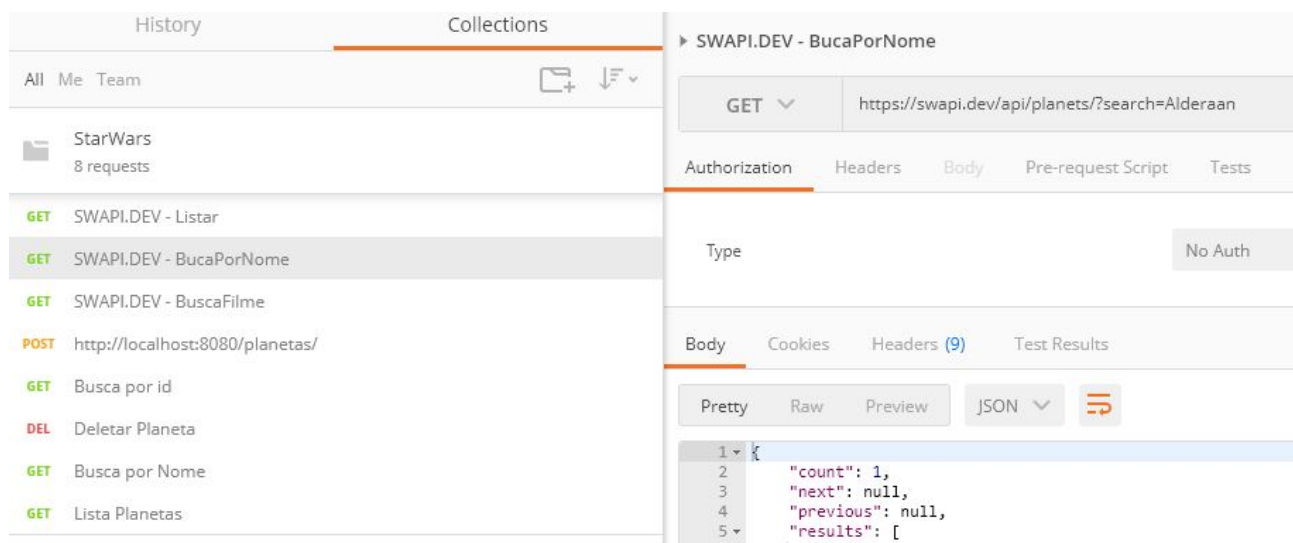
Além do presente documento ainda existem as documentações listadas abaixo “postman”

## Postman

As telas abaixo são do arquivo “StarWars.postman\_collection.json” aberto no Postman.



Lista a Api externa “swapi.dev”



Busca nor nome na Api externa “swapi.dev”



History Collections

All Me Team

StarWars  
8 requests

GET SWAPI.DEV - Listar

GET SWAPI.DEV - BucaPorNome

GET SWAPI.DEV - BuscaFilme

POST http://localhost:8080/planetas/

GET Busca por id

DEL Deletar Planeta

GET Busca por Nome

GET Lista Planetas

SWAPI.DEV - BuscaFilme

GET http://swapi.dev/api/films/1/

Authorization Headers Body Pre-request Script

Type

Body Cookies Headers (9) Test Results

Pretty Raw Preview JSON

```

1 {
2   "title": "A New Hope",
3   "episode_id": 4,
4   "opening_crawl": "It is a period of civil wa
  
```

Busca filme na Api externa “swapi.dev”

Filter

History Collections

All Me Team

StarWars  
8 requests

GET SWAPI.DEV - Listar

GET SWAPI.DEV - BucaPorNome

GET SWAPI.DEV - BuscaFilme

POST http://localhost:8080/planetas/

GET Busca por id

DEL Deletar Planeta

GET Busca por Nome

GET Lista Planetas

http://localhost:8080/planetas/

POST http://localhost:8080/planetas/

Authorization Headers (1) Body Pre-request Script Tests

Type

Body Cookies Headers (6) Test Results

Pretty Raw Preview JSON

```

1 {
2   "nome": "Alderaan",
3   "terreno": "Montanhoso",
4   "clima": "Glacial",
5   "qtdFilmes": 2,
6   "uri": "http://localhost:8080/planetas/5f3d4a25383adc421af17d76"
  
```

Gravação de um planeta na Api do nosso projeto :)

History Collections

All Me Team

StarWars  
8 requests

GET SWAPI.DEV - Listar

GET SWAPI.DEV - BucaPorNome

GET SWAPI.DEV - BuscaFilme

POST http://localhost:8080/planetas/

GET Busca por id

DEL Deletar Planeta

GET Busca por Nome

GET Lista Planetas

Busca por id

GET http://localhost:8080/planetas/5f3c213a04cd7619b39b73ae

Authorization Headers Body Pre-request Script Tests

Type

Body Cookies Headers (5) Test Results

Pretty Raw Preview JSON

```

1 {
2   "timestamp": "1597852251571",
3   "status": "404",
4   "error": "Não Encontrado",
5   "trace": "",
6   "message": "",
  
```

Busca por um ID inexistente na Api do nosso projeto :)



Filter

History Collections

All Me Team

StarWars  
8 requests

GET SWAPI.DEV - Listar

GET SWAPI.DEV - BucaPorNome

GET SWAPI.DEV - BuscaFilme

POST http://localhost:8080/planetas/

GET Busca por id

DEL Deletar Planeta

GET Busca por Nome

GET Lista Planetas

http://localhost:8080/planetas/ Busca por id Lista Planetas X + ...

Lista Planetas

GET http://localhost:8080/planetas/

Authorization Headers Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (5) Test Results

Pretty Raw Preview JSON

```
1 [
2   {
3     "nome": "Tatooine",
4     "terreno": "Deserto",
5     "clima": "Arido",
6     "uri": "http://localhost:8080/planetas/5f3d2c92f581ca552987bfb7"
7   }
8 ]
```

Listagem de planetas na Api do nosso projeto :)

starwars

History Collections

All Me Team

StarWars  
8 requests

GET SWAPI.DEV - Listar

GET SWAPI.DEV - BucaPorNome

GET SWAPI.DEV - BuscaFilme

POST http://localhost:8080/planetas/

GET Busca por id

DEL Deletar Planeta

GET Busca por Nome

GET Lista Planetas

http://localhost:8080/planetas/ Busca por id Lista Planetas Busca por Nome X

Busca por Nome

GET http://localhost:8080/planetas/?nome=Alderaan

Authorization Headers Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (5) Test Results

Pretty Raw Preview JSON

```
1 {
2   "nome": "Alderaan",
3   "terreno": "Montanhoso",
4   "clima": "Glacial",
5   "qtdFilmes": 2,
6   "uri": "http://localhost:8080/planetas/5f3d2c92f581ca552987bfb7"
7 }
```

Busca por nome (parte do nome) na Api do nosso projeto :)

History Collections

All Me Team

StarWars  
8 requests

GET SWAPI.DEV - Listar

GET SWAPI.DEV - BucaPorNome

GET SWAPI.DEV - BuscaFilme

POST http://localhost:8080/planetas/

GET Busca por id

DEL Deletar Planeta

GET Busca por Nome

GET Lista Planetas

http://localhost:8080/planetas/ Busca por id Lista Planetas Busca por Nome X

Busca por id

GET http://localhost:8080/planetas/5f3d2c92f581ca552987bfb7

Authorization Headers Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (5) Test Results

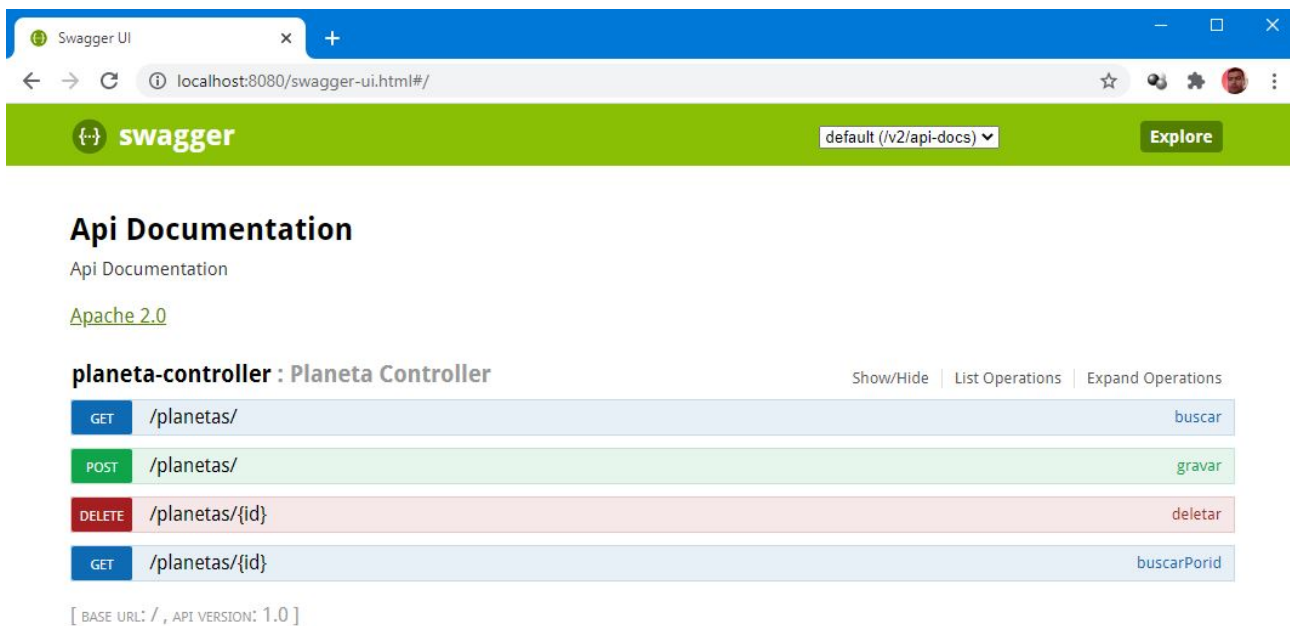
Pretty Raw Preview JSON

```
1 {
2   "nome": "Alderaan",
3   "terreno": "Montanhoso",
4   "clima": "Glacial",
5   "qtdFilmes": 2,
6   "uri": "http://localhost:8080/planetas/5f3d2c92f581ca552987bfb7"
7 }
```

Busca por ID existente na Api do nosso projeto :)



# Swagger



The screenshot displays the Swagger UI interface in a web browser. The browser's address bar shows the URL `localhost:8080/swagger-ui.html#/`. The Swagger UI header is green, featuring the Swagger logo, a dropdown menu set to `default (/v2/api-docs)`, and an `Explore` button.

The main content area is titled **Api Documentation** and includes a link to [Apache 2.0](#). Below this, the API is identified as **planeta-controller : Planeta Controller**. To the right of the title are links for `Show/Hide`, `List Operations`, and `Expand Operations`.

The API operations are listed in a table with four rows, each representing a different HTTP method and endpoint:

Method	Endpoint	Action
GET	<code>/planetas/</code>	buscar
POST	<code>/planetas/</code>	gravar
DELETE	<code>/planetas/{id}</code>	deletar
GET	<code>/planetas/{id}</code>	buscarPorId

At the bottom of the interface, a status bar indicates `[ BASE URL: / , API VERSION: 1.0 ]`.

Interface do Swagger na Api do nosso projeto :)