

Desafio Backend - Star Wars

Manual da API

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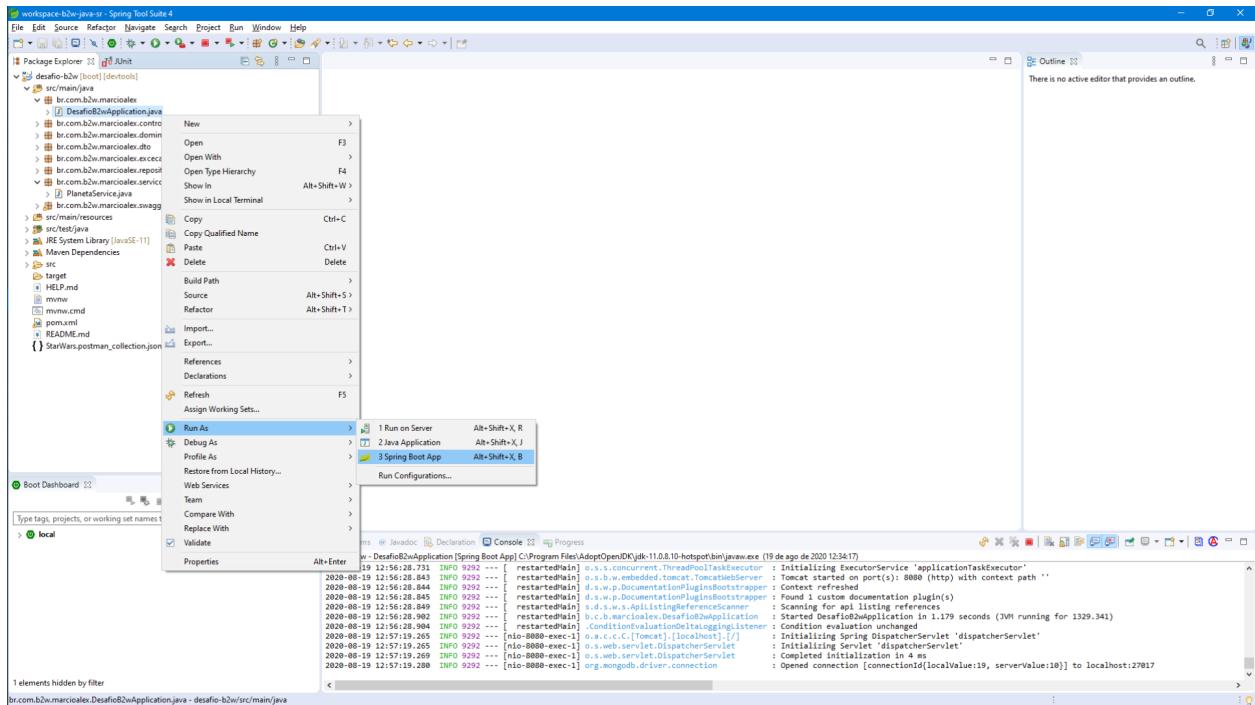
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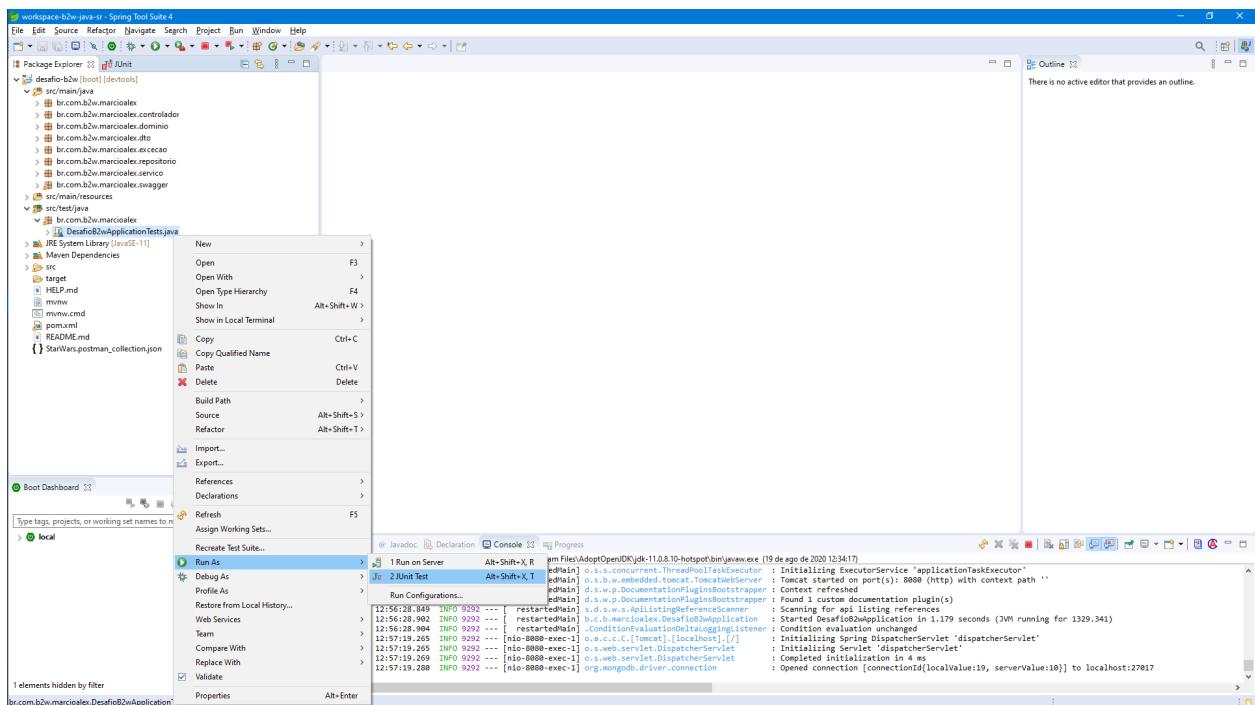
Objetivo

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

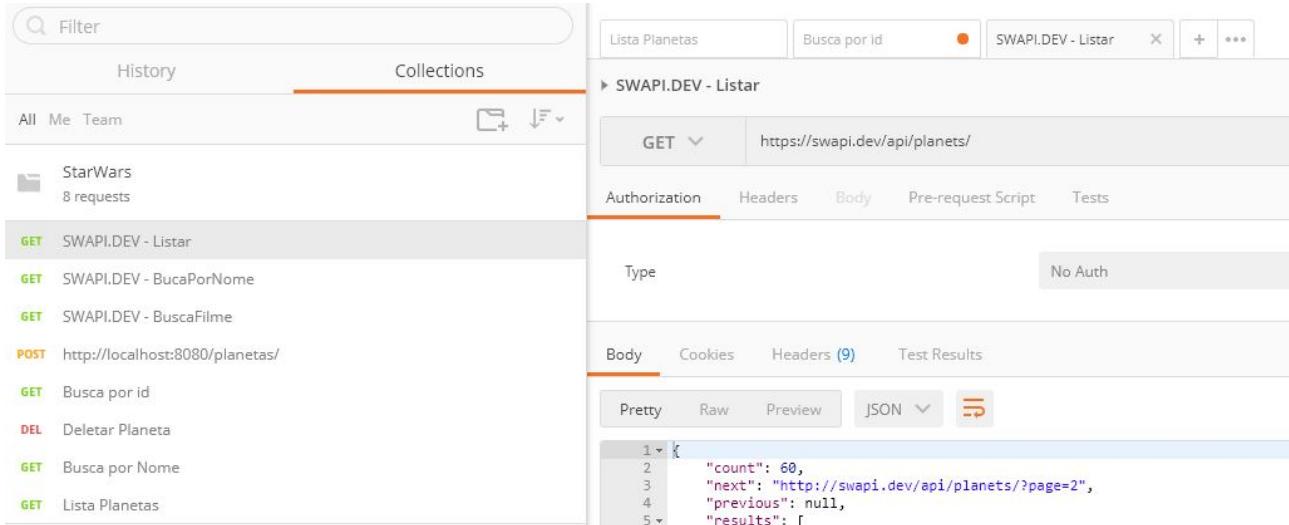


Documentação

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

Postman

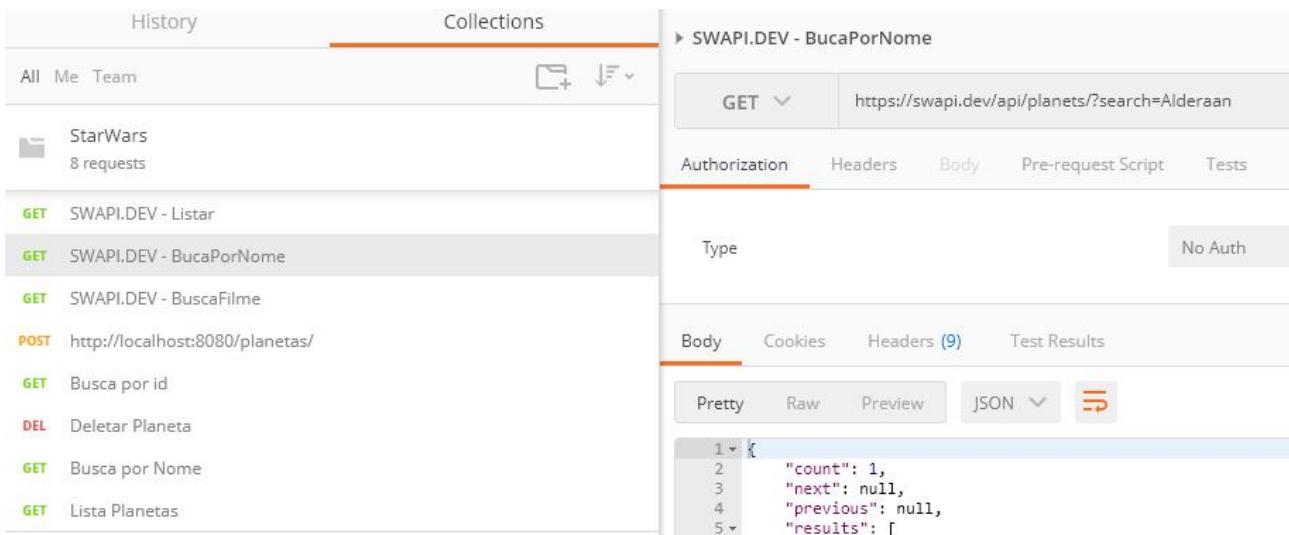
As telas abaixo são do arquivo “StarWars.postman_collection.json” aberto no Postman.



The screenshot shows the Postman interface with the 'Collections' tab selected. A collection named 'StarWars' is selected, containing 8 requests. The 'Lista Planetas' request is highlighted. The request details pane shows a GET request to <https://swapi.dev/api/planets/>. The 'Authorization' tab is selected, showing 'No Auth'. The 'Body' tab is selected, showing a JSON response with a count of 60 and a single result entry.

```
1  {
2   "count": 60,
3   "next": "http://swapi.dev/api/planets/?page=2",
4   "previous": null,
5   "results": [
```

Lista a Api externa “swapi.dev”



The screenshot shows the Postman interface with the 'Collections' tab selected. The 'StarWars' collection is selected, containing 8 requests. The 'BuscaPorNome' request is highlighted. The request details pane shows a GET request to <https://swapi.dev/api/planets/?search=Alderaan>. The 'Authorization' tab is selected, showing 'No Auth'. The 'Body' tab is selected, showing a JSON response with a count of 1 and a single result entry.

```
1  {
2   "count": 1,
3   "next": null,
4   "previous": null,
5   "results": [
```

Busca por 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

Busca filme na Api externa “swapi.dev”

▶ 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
Rebel\ninches managed to steal secreti

```

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

No Auth

Body Cookies Headers (6) Test Results

Pretty Raw Preview JSON

```

1  {
2   "nome": "Aldeia de 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

Meta Contatos

▶ Busca por id

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

Authorization Headers Body Pre-request Script Tests

Type

No Auth

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": "",
7   "context": ""

```

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 + ***

Authorization Headers Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (5) Test Results

Pretty Raw Preview JSON

```

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

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

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/5f3d2c92f581ca552987bfb7

Authorization Headers Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (5) Test Results

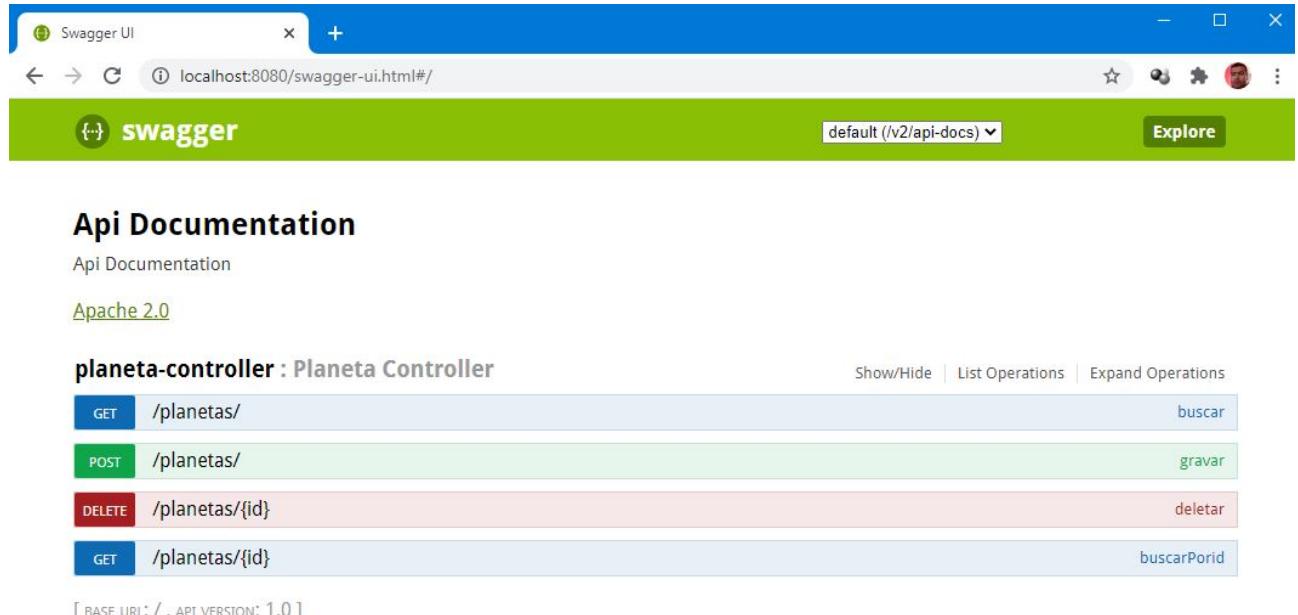
Pretty Raw Preview JSON

```

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 shows the Swagger UI interface running in a browser window. The title bar says "Swagger UI". The address bar shows "localhost:8080/swagger-ui.html#/". The main header has a green bar with "swagger" and a dropdown "default (/v2/api-docs)". A "Explore" button is on the right. Below the header, the title "Api Documentation" is displayed, along with "Api Documentation" and "Apache 2.0" links. The main content area is titled "planeta-controller : Planeta Controller" and shows four API operations:

Method	Path	Description
GET	/planetas/	buscar
POST	/planetas/	gravar
DELETE	/planetas/{id}	deletar
GET	/planetas/{id}	buscarPorId

At the bottom, a note says "[BASE URL: / , API VERSION: 1.0]".

Interface do Swagger na Api do nosso projeto :)