

# Evidências — Atividade 1 (API Personagens)

## Ambiente

- SO: Windows 10/11
- .NET SDK: 8.0/9.0
- IDE: VS Code

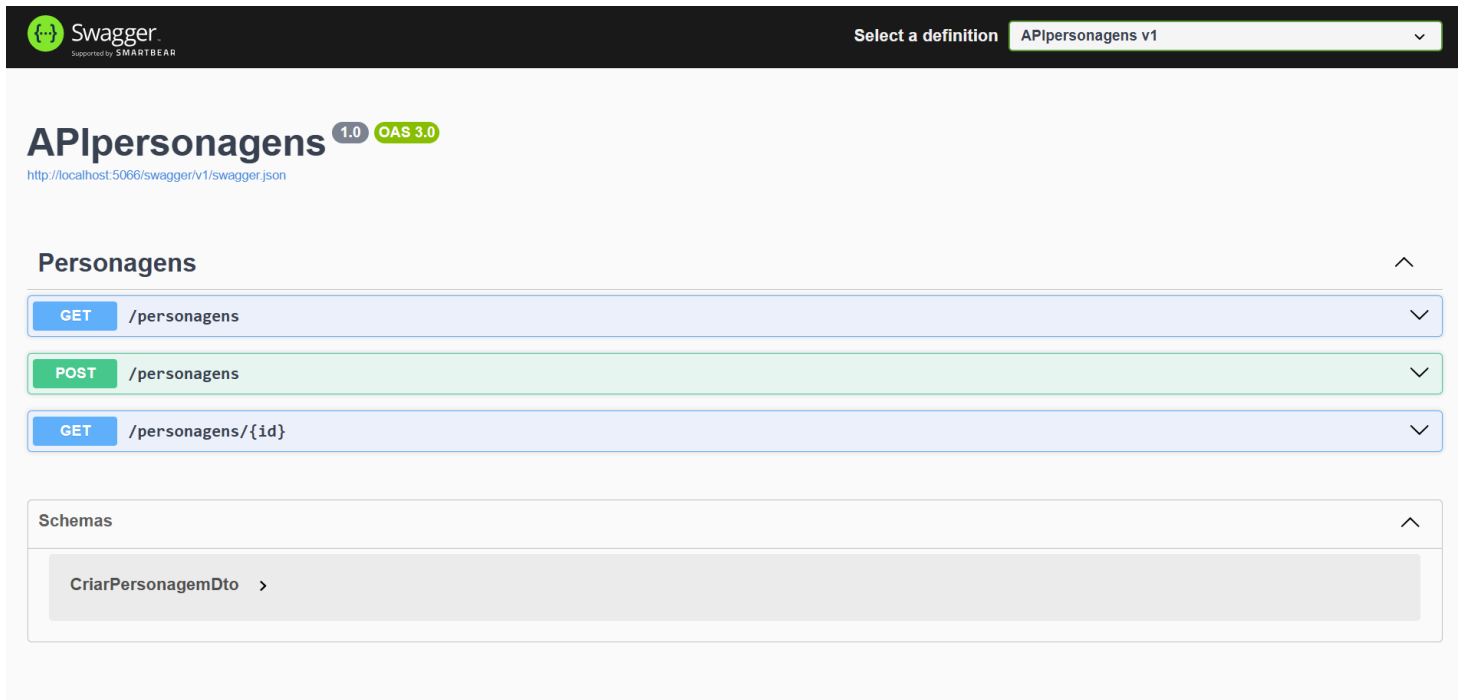
## Execução

- `dotnet run` → URLs: `http://localhost:5066`

```
PS C:\Users\marii\OneDrive\Área de Trabalho\CC\Estudos_projetos_trabalhos\DS-CEUB\01_Cliente-Servidor_Simples_CSharp\APIpersonagens> dotnet run
Usando as configurações de inicialização de C:\Users\marii\OneDrive\Área de Trabalho\CC\Estudos_projetos_trabalhos\DS-CEUB\01_Cliente-Servidor_Simples_CSharp\APIpersonagens\Properties\launchSettings.json...
Compilando...
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://localhost:5066
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
      Content root path: C:\Users\marii\OneDrive\Área de Trabalho\CC\Estudos_projetos_trabalhos\DS-CEUB\01_Cliente-Servidor_Simples_CSharp\APIpersonagens
[]
```

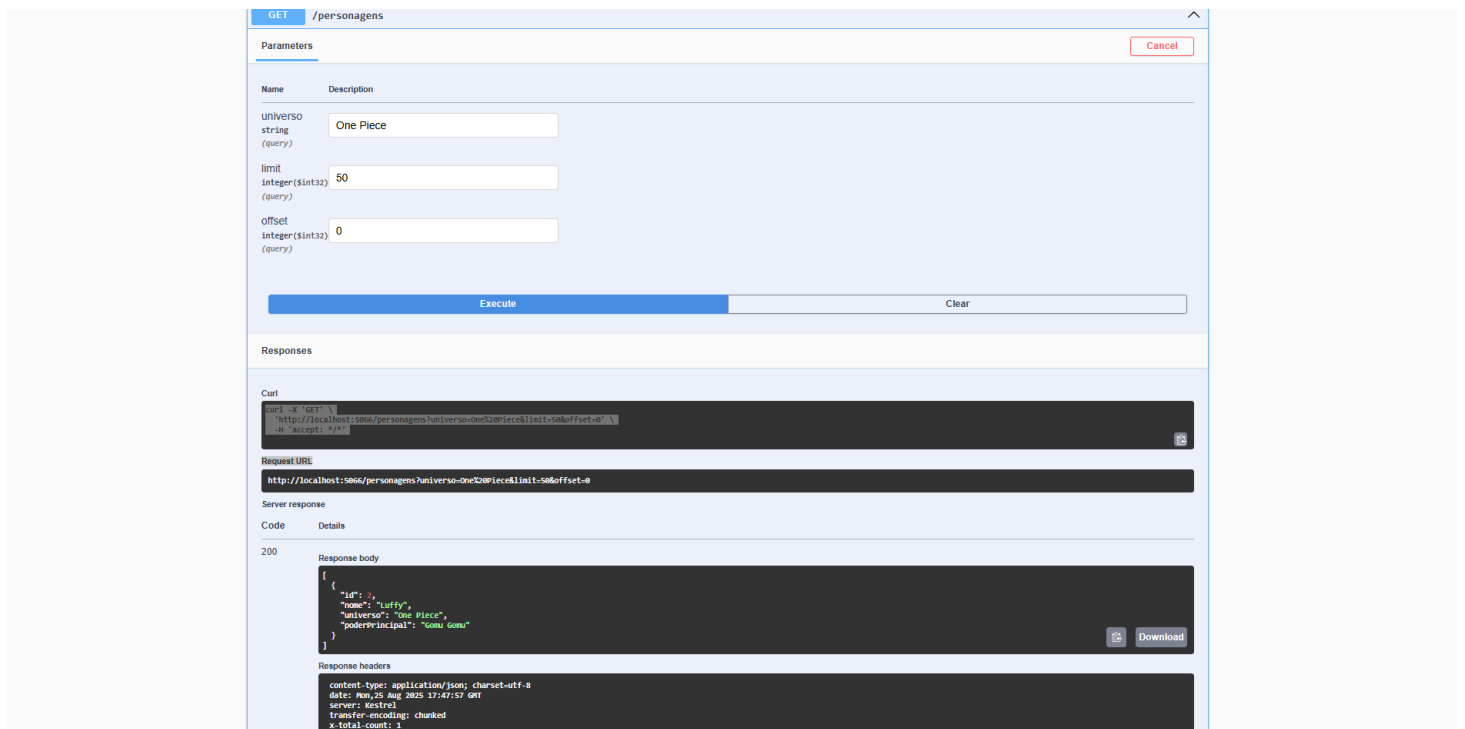
# Swagger

- Tela inicial da UI



The screenshot shows the Swagger UI interface. At the top, there's a header with the Swagger logo and 'Supported by SMARTBEAR'. To the right, a dropdown menu is set to 'APIpersonagens v1'. The main content area displays the API title 'APIpersonagens' with version '1.0' and 'OAS 3.0'. Below this, the URL 'http://localhost:5066/swagger/v1/swagger.json' is shown. The 'Personagens' section is expanded, showing three endpoints: 'GET /personagens', 'POST /personagens', and 'GET /personagens/{id}'. The 'Schemas' section is also expanded, showing a schema named 'CriarPersonagemDto'.

- GET /personagens — 200



The screenshot shows the Swagger UI interface for the 'GET /personagens' endpoint. The 'Parameters' section is expanded, showing three query parameters: 'universo' (string, 'One Piece'), 'limit' (integer, '50'), and 'offset' (integer, '0'). Below the parameters, there are 'Execute' and 'Clear' buttons. The 'Responses' section is expanded, showing a '200' response. The 'Curl' section displays the command: 'curl -X GET http://localhost:5066/personagens?universo=OnePiece&limit=50&offset=0 -H "accept: \*/\*"'. The 'Request URL' section displays the URL: 'http://localhost:5066/personagens?universo=OnePiece&limit=50&offset=0'. The 'Server response' section displays the response body: '{ "id": 1, "name": "Luffy", "universo": "One Piece", "poderPrincipal": "Gomu Gomu" }'. The 'Response headers' section displays the headers: 'content-type: application/json; charset=utf-8', 'date: Mon, 28 Aug 2023 17:47:57 GMT', 'server: Kestrel', 'transfer-encoding: chunked', and 'x-total-count: 1'.

- GET /personagens/3 — 200

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** /personagens/{id}
- Parameters:** A table with columns 'Name' and 'Description'. The 'id' parameter is required, of type integer(\$int32), and has the value 3.
- Buttons:** 'Execute' and 'Clear'.
- Responses:**
  - Curl:**

```
curl -X 'GET' \
'http://localhost:5066/personagens/3' \
-H 'accept: */*'
```
  - Request URL:** http://localhost:5066/personagens/3
  - Server response:**
    - Code:** 200
    - Details:** Response body: 

```
{
  "id": 3,
  "nome": "Ichigo",
  "universo": "Mundo",
  "poderPrincipal": "Getsuga Tensho"
}
```
    - Response headers:** content-type: application/json; charset=utf-8, date: Mon, 25 Aug 2025 17:58:38 GMT, server: Kestrel, transfer-encoding: chunked
- Summary Table:**

Code	Description	Links
200	OK	No links

- GET /personagens/999 — 404

The screenshot shows a REST client interface with the following details:

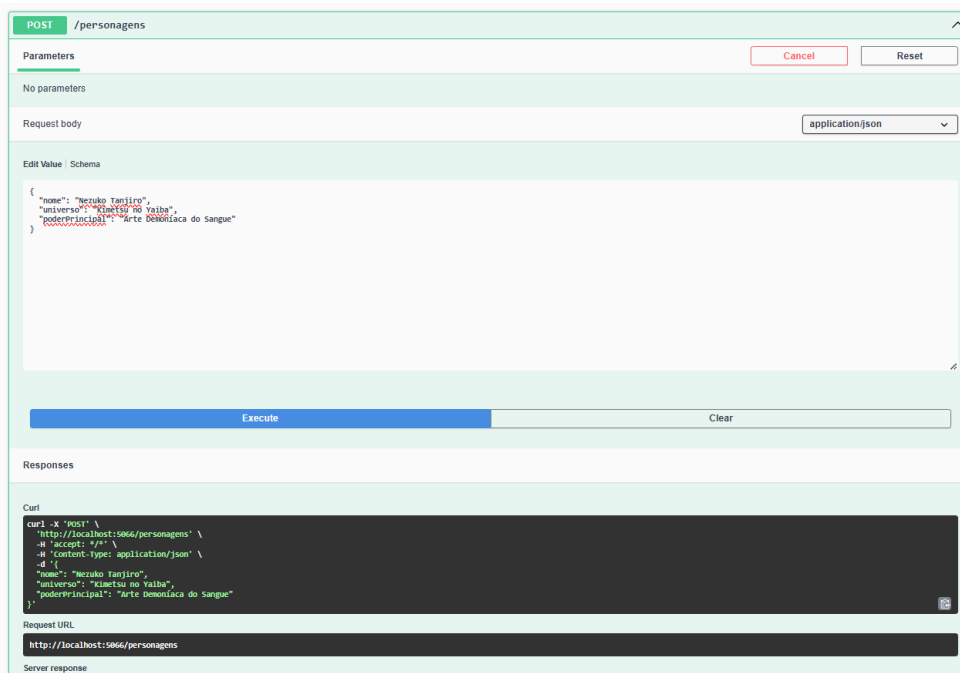
- Method:** GET
- URL:** /personagens/{id}
- Parameters:** A table with columns 'Name' and 'Description'. The 'id' parameter is required, of type integer(\$int32), and has the value 999.
- Buttons:** 'Execute' and 'Clear'.
- Responses:**
  - Curl:**

```
curl -X 'GET' \
'http://localhost:5066/personagens/999' \
-H 'accept: */*'
```
  - Request URL:** http://localhost:5066/personagens/999
  - Server response:**
    - Code:** 404
    - Details:** Error: Not Found. Response body: 

```
{
  "detail": "Personagem não encontrado."
}
```
    - Response headers:** content-type: application/json; charset=utf-8, date: Mon, 25 Aug 2025 17:59:48 GMT, server: Kestrel, transfer-encoding: chunked
- Summary Table:**

Code	Description	Links
200	OK	No links

- **POST /personagens — 201**



## VS Code REST Client

- Arquivo `APIpersonagens.http` (pasta `APIpersonagens`)

![APIpersonagens.http]

- Execução das requisições — [PRINTS]

## Postman

- Collection criada — [PRINT da lista de requests]
- Respostas — [PRINTS dos 3 requests]

# Cliente Console (Opcional)

- Saída do terminal — [PRINT]