

TRATAMENTO DE ERROS EM UMA API

Requisição Get com sucesso.

The screenshot shows the Swagger UI interface in a web browser. The 'Responses' tab is selected, displaying the details for a 200 status code. The response body is a JSON object representing a user.

```
curl -X 'GET' \
  'https://localhost:7037/api/Usuarios' \
  -H 'accept: */*'

Request URL
https://localhost:7037/api/Usuarios

Server response
Code: 200
Response body:
{
  "id": 1,
  "email": "email@sp.br",
  "senha": "1234",
  "tipo": "0"
}
Response headers:
content-type: application/json; charset=utf-8
date: Wed, 25 May 2022 16:21:02 GMT
server: Kestrel
```

In the background, a SQL Server Enterprise Edition window is visible, showing a query result for the 'Usuarios' table:

Id	Email	Senha	Tipo
1	email@sp.br	1234	0

Requisição Post com sucesso.

The screenshot shows the Swagger UI interface. The 'Responses' tab is selected, displaying the details for a 201 status code. The response body is a JSON object representing a user.

```
curl -X 'POST' \
  'https://localhost:7037/api/Usuarios' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "email": "email2@sp.br",
    "senha": "1234",
    "tipo": "0"
  }'

Request URL
https://localhost:7037/api/Usuarios

Server response
Code: 201
Response headers:
content-length: 0
date: Wed, 25 May 2022 16:24:38 GMT
server: Kestrel
```

In the background, the SQL Server Enterprise Edition window shows a query result for the 'Usuarios' table:

Id	Email	Senha	Tipo
1	email@sp.br	1234	0
2	email2@sp.br	1234	0

Requisição Get com o id com sucesso.

Swagger UI

localhost:7037/swagger/index.html

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7037/api/Usuarios/4' \
  -H 'accept: */*'
```

Request URL

https://localhost:7037/api/Usuarios/4

Server response

Code

200

Response body

```
{
  "id": 4,
  "email": "email2@sp.br",
  "senha": "1234",
  "tipo": "0"
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 25 May 2022 16:25:34 GMT
server: Kestrel
```

Responses

Code

200

Description

Success

No links

SQLQuery1.sql - DESKTOP-Q4INLOT\SQLEXPRESS.Chapter (sa (54)) - Microsoft...

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SQLQuery1.sql - DESKTOP-Q4INLOT\SQLEXPRESS.Chapter (sa (54))

SELECT FROM Usuarios

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Resultados Mensagens

Id	Email	Senha	Tipo
1	email@sp.br	1234	0
2	email2@sp.br	1234	0

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POR PTB2 25/05/2022

Requisição Get com o id com um erro tratado, id de usuário não encontrado.

Swagger UI

localhost:7037/swagger/index.html

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7037/api/Usuarios/3' \
  -H 'accept: */*'
```

Request URL

https://localhost:7037/api/Usuarios/3

Server response

Code

404

undocumented

Error: response status is 404

Response body

```
{
  "type": "https://tools.ietf.org/html/rfc7231#section-6.5.2",
  "title": "Not Found",
  "status": 404,
  "traceId": "00-8c780b018ef4044ad341d1b4684484-72dcf3fb"
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 25 May 2022 16:26:12 GMT
server: Kestrel
```

Responses

Code

200

Description

Success

Links

No links

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SQLQuery1.sql - DESKTOP-Q4INLOT\SQLEXPRESS.Chapter (sa (54))

SELECT FROM Usuarios

100 %

Resultados Mensagens

Id	Email	Senha	Tipo
1	email@sp.br	1234	0
2	email2@sp.br	1234	0

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Requisição Put com sucesso.

Swagger UI interface showing a successful PUT request to `https://localhost:7037/api/Usuarios/4`. The response is 200 OK with a `Usuario Alterado` message. The response headers include `content-type: application/json; charset=utf-8`, `date: Wed, 25 May 2022 16:27:49 GMT`, and `server: Kestrel`.

Overlaid SQL Server query window showing the query `SELECT * FROM Usuarios` and its results:

Id	Email	Senha	Tipo
1	email@sp.br	1234	0
2	email2@gmail.com	1234	1

Requisição Put com um erro tratado, id de usuário não encontrado.

Swagger UI interface showing a 404 Not Found response for a PUT request to `https://localhost:7037/api/Usuarios/3`. The response status is 404, and the response body contains a JSON error message:

```
{
  "type": "https://tools.ietf.org/html/rfc7231#section-6.5.4",
  "title": "Not Found",
  "status": 404,
  "traceid": "00-e8a4a16f4da53b65711b171a7e30e6d-c558db09d96ad4c-00"
}
```

The response headers include `content-type: application/json; charset=utf-8`, `date: Wed, 25 May 2022 16:29:04 GMT`, and `server: Kestrel`.

Overlaid SQL Server query window showing the query `SELECT * FROM Usuarios` and its results:

Id	Email	Senha	Tipo
1	email@sp.br	1234	0
2	email2@gmail.com	1234	1

Requisição Delete com sucesso.

Swagger UI

localhost:7037/swagger/index.html

Execute Clear

Responses

Curl

```
curl -X 'DELETE' \
  'https://localhost:7037/api/Usuarios/4' \
  -H 'accept: */*'
```

Request URL

https://localhost:7037/api/Usuarios/4

Server response

Code Details

200

Response body

```
"Usuario deletado"
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 25 May 2022 16:38:09 GMT
server: Kestrel
```

Responses

Code Description

200 Success

Links

No links

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SELECT FROM Usuarios

Resultados Mensagens

Id	Email	Senha	Tipo
1	email@ap.br	1234	0

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Requisição Delete com um erro tratado, id de usuário não encontrado.

Swagger UI

localhost:7037/swagger/index.html

Responses

Curl

```
curl -X 'DELETE' \
  'https://localhost:7037/api/Usuarios/4' \
  -H 'accept: */*'
```

Request URL

https://localhost:7037/api/Usuarios/4

Server response

Code Details

404

Error: response status is 404

Response body

```
{
  "type": "https://tools.ietf.org/html/rfc7231#section-6.5.4",
  "title": "Not Found",
  "status": 404,
  "traceId": "80-2aa9a9d461d2a71017fa4b35bb8a9bd6-7f9ec12752ae4692"
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 25 May 2022 16:38:54 GMT
server: Kestrel
```

Responses

Code Description

200 Success

Links

No links

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SELECT FROM Usuarios

Resultados Mensagens

Id	Email	Senha	Tipo
1	email@ap.br	1234	0

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