

Nome

Projeto Escape – Criação de Contas

Descrição

Sistema com uma interface REST, responsável por criar contas corrente com cadastro e saldo, capaz de realizar débitos e créditos baseado em um cadastro de conta corrente tendo um controle de saldo, a API emite um aviso, via evento, de criação de conta e avisos por operações realizadas.

Distintivos

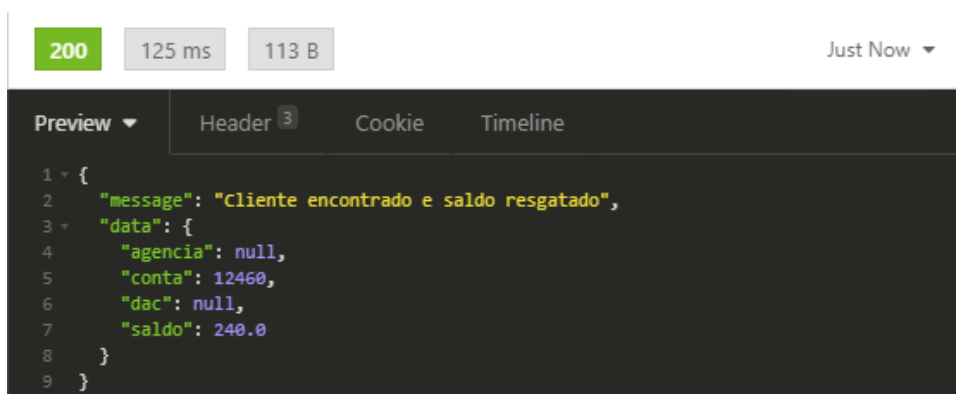
A API é responsável por receber esses avisos e guardar as informações enviadas.

Uma conta corrente é uma unidade composta de Agência, Conta e Dac.

Toda conta corrente ao ser criada inicia com saldo “Zero” e não pode ter esse saldo negativado.

Toda operação de debito trata-se de uma subtração de dinheiro do saldo e toda operação de credito trata-se de uma soma de dinheiro ao saldo.

Visual



200

78 ms

70 B

Just Now ▾

Preview ▾

Header 3

Cookie

Timeline

```
1 {
2   "message": "Saldo Indisponivel",
3   "data": {
4     "conta": 12460,
5     "value": 2000.0
6   }
7 }
```

200

218 ms

86 B

Just Now ▾

Preview ▾

Header 3

Cookie

Timeline

```
1 {
2   "message": "Transferencia realizada com sucesso",
3   "data": {
4     "conta": 12460,
5     "value": 1240.0
6   }
7 }
```

200

109 ms

69 B

Just Now ▾

Preview ▾

Header 3

Cookie

Timeline

```
1 {
2   "message": "Dinheiro retirado",
3   "data": {
4     "conta": 12460,
5     "value": 1000.0
6   }
7 }
```

200

2.09 s

88 B

Just Now ▾

Preview ▾

Header 3

Cookie

Timeline

```
1 {
2   "message": "Conta cadastrada",
3   "data": {
4     "agencia": 1234,
5     "conta": 12460,
6     "dac": 5,
7     "saldo": 0.0
8   }
9 }
```

Instalação

- 1 - git clone https://github.com/guilhermebsilva/Itau_Escape.git
- 2 - cd Itau_Escape
- 3 - docker-compose up -d
- 4 - cd api
- 5 - Run application

Uso

```
* Preparing request to http://localhost:8080/conta/corrente/cadastrar
* Using libcurl/7.57.0-DEV OpenSSL/1.0.2o zlib/1.2.11 libssh2/1.7.0_DEV
* Current time is 2020-05-26T02:33:21.718Z
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Connection 12 seems to be dead!
* Closing connection 12
* Trying ::1...
* TCP_NODELAY set
* Connected to localhost (::1) port 8080 (#13)

> POST /conta/corrente/cadastrar HTTP/1.1
> Host: localhost:8080
> User-Agent: insomnia/7.1.1
> Content-Type: application/json
> Accept: */*
> Content-Length: 48

| {
|   "agencia": 1234,
|   "conta": 12460,
|   "dac": 5
| }
```

```
* Preparing request to http://localhost:8080/conta/corrente/saldo/12460
* Using libcurl/7.57.0-DEV OpenSSL/1.0.2o zlib/1.2.11 libssh2/1.7.0_DEV
* Current time is 2020-05-26T02:37:43.558Z
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Connection 13 seems to be dead!
* Closing connection 13
* Trying ::1...
* TCP_NODELAY set
* Connected to localhost (::1) port 8080 (#14)

> GET /conta/corrente/saldo/12460 HTTP/1.1
> Host: localhost:8080
> User-Agent: insomnia/7.1.1
> Accept: */*
```

```
* Preparing request to http://localhost:8080/conta/corrente/debito
* Using Libcurl/7.57.0-DEV OpenSSL/1.0.2o zlib/1.2.11 libssh2/1.7.0_DEV
* Current time is 2020-05-26T02:38:05.775Z
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Found bundle for host localhost: 0x13fc52f3fa0 [can pipeline]
* Re-using existing connection! (#14) with host localhost
* Connected to localhost (::1) port 8080 (#14)

> PUT /conta/corrente/debito HTTP/1.1
> Host: localhost:8080
> User-Agent: insomnia/7.1.1
> Content-Type: application/json
> Accept: */*
> Content-Length: 37

| {
|   "conta": 12460,
|   "value": 1000.0
| }
```

```
* Preparing request to http://localhost:8080/conta/corrente/credito
* Using Libcurl/7.57.0-DEV OpenSSL/1.0.2o zlib/1.2.11 libssh2/1.7.0_DEV
* Current time is 2020-05-26T02:38:17.949Z
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Found bundle for host localhost: 0x13fc52f3fa0 [can pipeline]
* Re-using existing connection! (#14) with host localhost
* Connected to localhost (::1) port 8080 (#14)

> PUT /conta/corrente/credito HTTP/1.1
> Host: localhost:8080
> User-Agent: insomnia/7.1.1
> Content-Type: application/json
> Accept: */*
> Content-Length: 37

| {
|   "conta": 12460,
|   "value": 1240.0
| }
```

Autores

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