

Relatório - Pix/Payment – Bugs e Melhoria

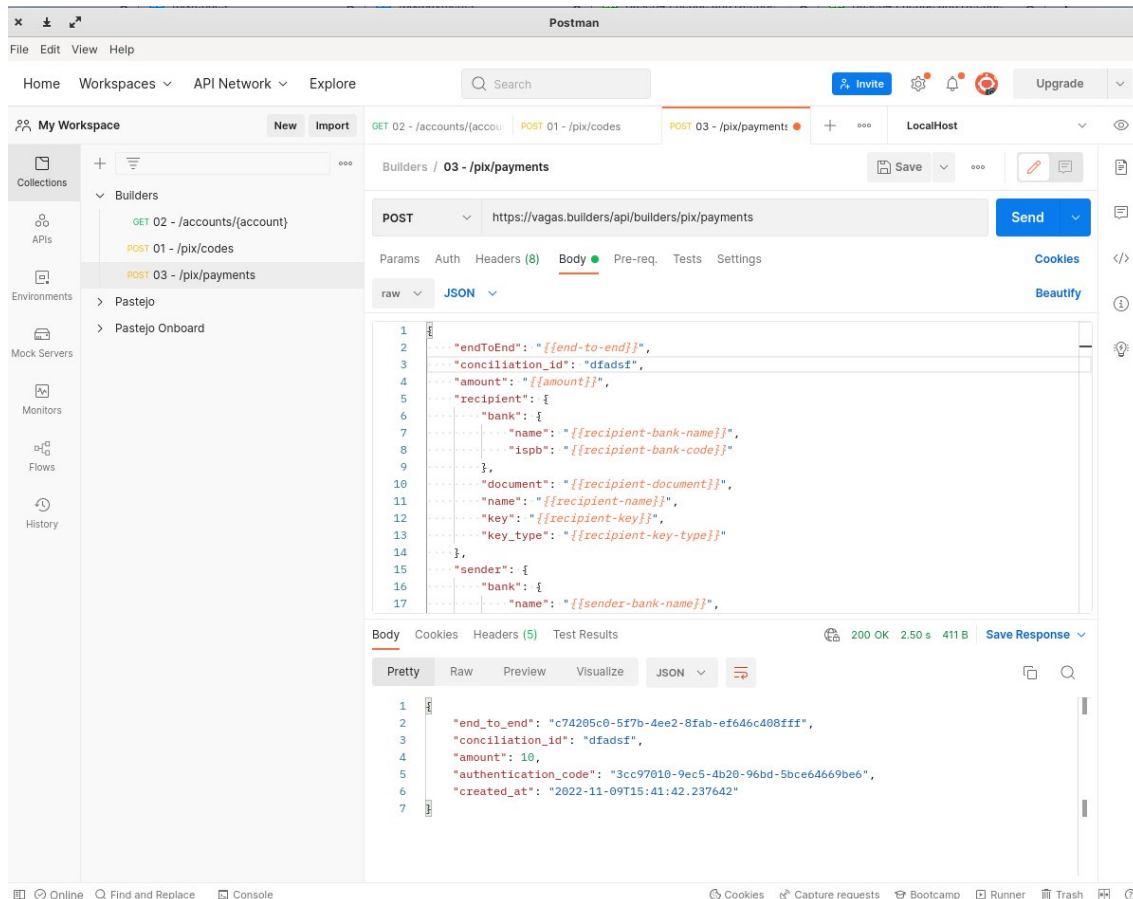
Cenário: Informando campo obrigatório “Conciliation_id” inválido

Dado que estou fazendo uma requisição para Payment

Quando informo um dado inválido obrigatório “conciliation_id”

Então o response body da api deve retornar 201

Mas retorna status code 200



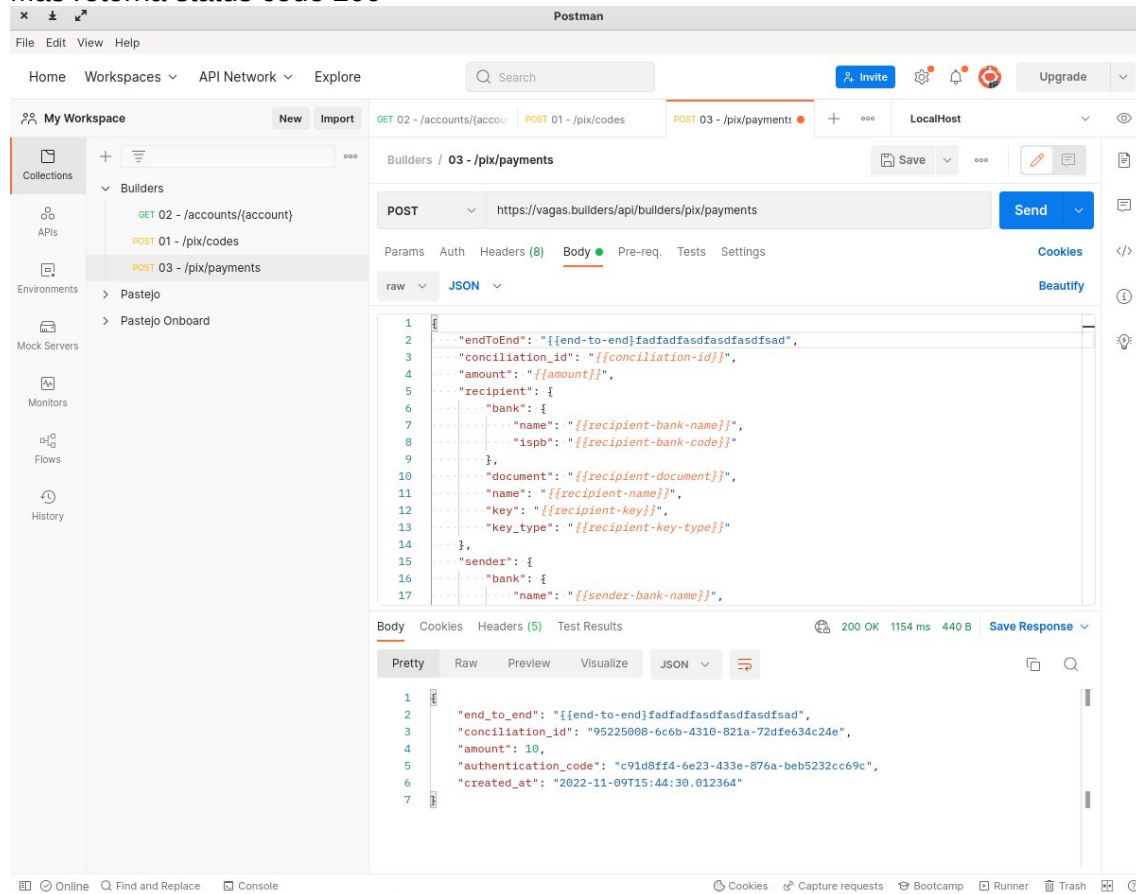
Cenário: Informando campo obrigatório “endToEnd_id” inválido

Dado que estou fazendo uma requisição para Payments

Quando informo um dado inválido obrigatório “endToEnd”

Então o response body da api deve retornar 201

Mas retorna status code 200



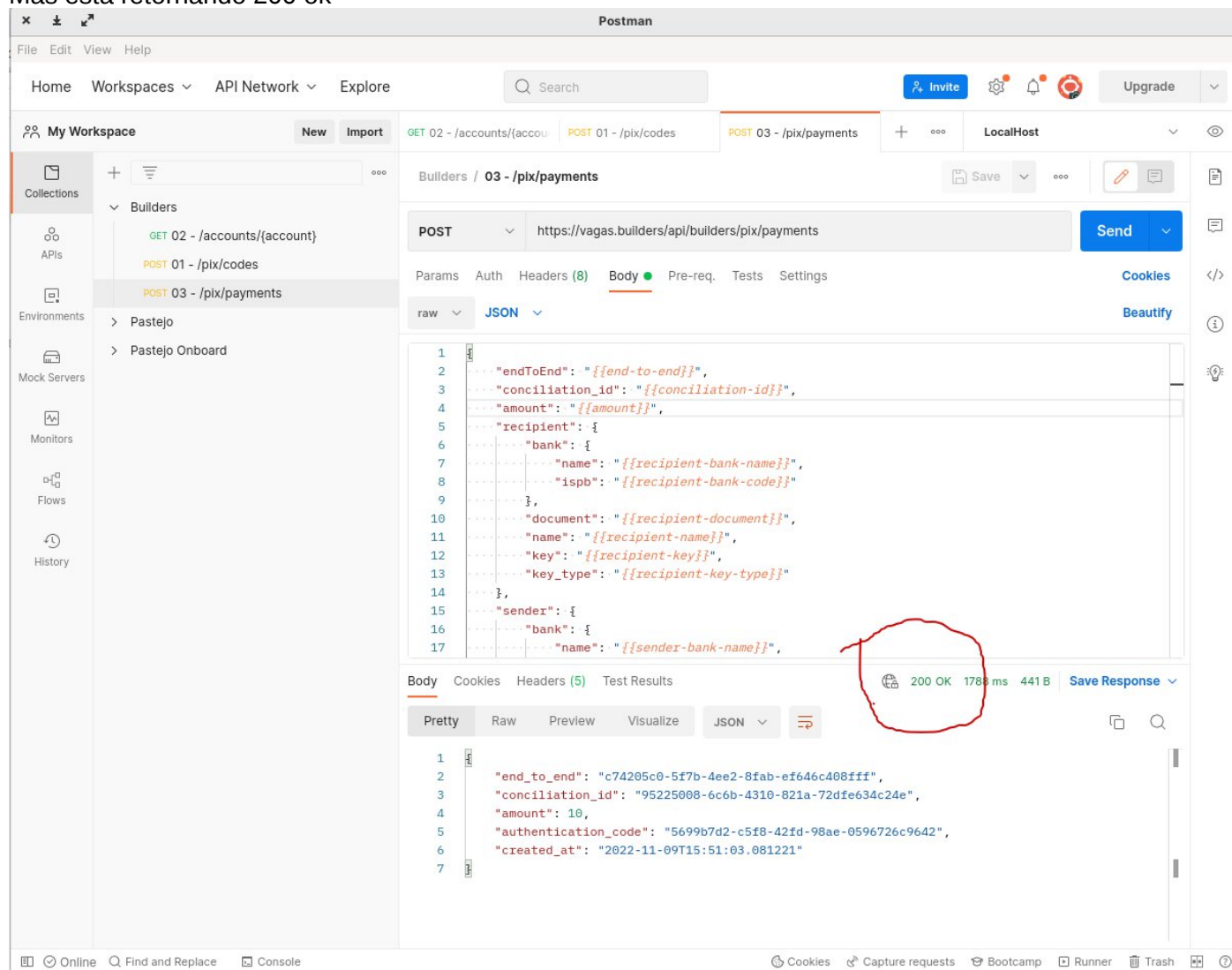
Cenário: Retorno do status code da api" inválido

Dado que estou fazendo uma requisição para Payments

Quando informo um dado todos os dados válidos

Então o status code deveria retornar 201

Mas esta retornando 200 ok



Cenário: Campo “amount” vazio

Dado que estou fazendo uma requisição para Payments

Quando no campo amount informo “”

Então o status code deveria retornar 400

Mas esta retornando 500

POST ▼ https://vagas.builders/api/builders/pix/payments Send ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies Beautify

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼

```
1  ... "endToEnd": "{{end-to-end}}",
2  ... "conciliation_id": "{{conciliation-id}}",
3  ... "amount": "",
4  ... "recipient": {
5    ... "bank": {
6      ... "name": "{{recipient-bank-name}}",
7      ... "ispb": "{{recipient-bank-code}}",
8    },
9    ... "document": "{{recipient-document}}",
10   ... "name": "{{recipient-name}}",
11   ... "key": "{{recipient-key}}",
12   ... "key_type": "{{recipient-key-type}}",
13 },
14 "sender": {
15   "bank": {
16     "name": "{{sender-bank-name}}",
17   },
18 }
```

Body Cookies Headers (5) Test Results

Status: 500 Internal Server Error Time: 1148 ms Size: 340 B Save Response ▼

Pretty Raw Preview Visualize **JSON** ▼ ⌵

```
1  {
2    "timestamp": "2022-11-09T18:58:18.034+00:00",
3    "status": 500,
4    "error": "Internal Server Error",
5    "path": "/api/builders/pix/payments"
6  }
```

Cenário: Campo “amount” = zero

Dado que estou fazendo uma requisição para Payments

Quando no campo amount informo “0.00”

Então o status code deveria retornar 400

Mas esta retornando um sucesso

The screenshot shows the Postman interface with a POST request to `https://vagas.builders/api/builders/pix/payments`. The request body is a JSON object with the following structure:

```
1 {
2   "endToEnd": "{{end-to-end}}",
3   "conciliation_id": "{{conciliation-id}}",
4   "amount": "0.00",
5   "recipient": {
6     "bank": {
7       "name": "{{recipient-bank-name}}",
8       "ispb": "{{recipient-bank-code}}"
9     },
10    "document": "{{recipient-document}}",
11    "name": "{{recipient-name}}",
12    "key": "{{recipient-key}}",
13    "key_type": "{{recipient-key-type}}"
14  },
15  "sender": {
16    "bank": {
17      "name": "{{sender-bank-name}}".
```

The response status is **200 OK** with a time of 1772 ms and a size of 442 B. The response body is a JSON object:

```
1 {
2   "end_to_end": "c74205c0-5f7b-4ee2-8fab-ef646c408fff",
3   "conciliation_id": "95225008-6c6b-4310-821a-72dfe634c24e",
4   "amount": 0.0,
5   "authentication_code": "b38dd5fd-833d-4afd-b72a-bc687ec16d7b",
6   "created_at": "2022-11-09T16:05:26.081041"
```

Hand-drawn purple circles highlight the `recipient` object in the request body and the `end_to_end` and `conciliation_id` fields in the response body.

Melhorias no documento.

- Na documentação um dos parâmetros obrigatórios é o campo “end_to_end”. Mas ele é funcional da seguinte forma: **“endToEnd”**. Melhorar a descrição dos documentos.

The screenshot displays the Swagger UI for the `/pix/payments` endpoint. The left sidebar shows the endpoint details, including the URL, request history, and body parameters. The right pane shows the request body in JSON format.

Endpoint: `POST https://vagas.builders/api/builders/pix/payments`

Body Parameters:

- `end_to_end` string required
- `conciliation_id` string required
- `amount` number
- `recipient` object

Recipient Object:

- `document` string

Request Body (JSON):

```

1  {
2    "endToEnd": "{{end-to-end}}",
3    "conciliation_id": "{{conciliation-id}}",
4    "amount": "0.00",
5    "recipient": {
6      "bank": {
7        "name": "{{recipient-bank-name}}",
8        "ispb": "{{recipient-bank-code}}"
9      },
10   "document": "{{recipient-document}}",
11   "name": "{{recipient-name}}",
12   "key": "{{recipient-key}}",
13   "key_type": "{{recipient-key-type}}"
14 },
15 "sender": {
16   "bank": {
17     "name": "{{sender-bank-name}}".

```

- Na documentação uns dos responses 400 esta descrito como “invalid_request” mas a maioria adota como **“Bad Request”**
- Na documentação uns dos responses 404 esta descrito como “info_not_found” mas a maioria adota como **“Not Found”**
- Na documentação uns dos responses 422 esta descrito como “payment_failed” mas a maioria adota como **“Unprocessable Entity”**

The screenshot displays the **RESPONSES** section of the Swagger UI. It lists four response codes with their corresponding status and description:

- 201** success
- 400** invalid_request
- 404** info_not_found
- 422** payment_failed

At the bottom, it indicates the documentation was **Updated 2 months ago**.

- Na documentação não ficou claro as mensagem que irão receber o response body. No exemplo abaixo é possível visualizar e comparar response body do sistema x documentação

The screenshot shows an IDE with a project named 'Builders'. The file 'QrCodeTest.java' is open, showing a test method 'testQrCodeFieldEmpty()'. The test is annotated with '@Test' and '@Description("API returns 400 when the request has a QRCode Empty")'. The test code is as follows:

```
public void testQrCodeFieldEmpty() {
    Map<String, Object> qrCode = new HashMap<>();
    qrCode.put("encoded_value", ConstantsQrCode.QR_CODE_EMPTY);

    given() RequestSpecification
        .contentType(ContentType.JSON)
        .body(qrCode)
        .when()
        .post(Pix.CODE) Response
```

The test results show that the test failed. The response body is displayed in a blue box:

```
{
  "timestamp": "2022-11-09T19:35:28.394+00:00",
  "status": 400,
  "error": "invalid_request",
  "errors": {
    "encodedValue": "must not be blank"
  }
}
```

Below the response body, there are several warning messages:

```
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.codehaus.groovy.vmplugin.v9.Java9 (file:/home/leandr
WARNING: Please consider reporting this to the maintainers of org.codehaus.groovy.vmplugin.v9.
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access ope
WARNING: All illegal access operations will be denied in a future release
```

The screenshot shows a web interface with a search bar and a 'Log In' button. Below the search bar, there are tabs for 'LANGUAGE' (Shell, Node, Ruby, PHP, Python) and 'CURL'. The 'CURL' tab is selected, showing a request and its response.

REQUEST

```
curl --request POST \
  --url https://vagas.builders/api/builders/pix/cod
  --header 'accept: application/json' \
  --header 'content-type: application/json'
```

RESPONSE

```
{
  "timestamp": "2022-11-09T19:52:04.914+00:00",
  "status": 400,
  "error": "Bad Request",
  "path": "/api/builders/pix/codes"
}
```