Instructions

Pre-requisites:

- You'll need your own credentials (apiKey, apiToken) and a idBoard which you can access.

Clone the repo

git clone https://github.com/marbriganti/issueTrackerSpaceX.git

Open the project an read the README.md file

```
# issueTrackerSpaceX

Endpoint to create task. You'll need your own APIKEY, the APITOKEN and a idBoard in
order to create the cards in trello.

# Instructions

clone the repo
npm install
npm start

# .env

## You should set

PORT="3000"
TRELLO_APIURL="https://api.trello.com/1"

# Trello keys

## 1- You can set the values in .env

TRELLO_APIKEY=<your api key>

TRELLO_TOKEN=<your api token>

## 2- Or you could send them as headers keys in keys trellokey and trelloapitoken

If the keys are not set in the headers, the spaceX API will try to get them from
env vars.
e.g.
curl -H "Content-Type: application/json"
 -H "trelloapikey: {{trelloapikey}}"
 -H "trelloapitoken: {{trelloapitoken}}"
http://localhost:3000/boardLists?idBoard={{idBoard}}&listName="To%20Do"

# Available endpoints
```

```
## boardList (GET)

It is not necessary to use this. You could first use this endpoint to get the
idList which you will use in the createTask endpoint
GET: /boardLists
parameters:

- idBoard this is mandatory parameter
- listName this is optional filter parameter

## createTask (POST)

Endpoint to create task in Trello
POST: /createTask
parameters:

- idBoard this is mandatory parameter
- listName this is an optional parameter, if not set it defaults to the "To Do"
list (if it doesn't exist in Trello it will be created)

curl \
--request POST \
-H 'Content-Type: application/json' \
-H "trelloapikey: {{trelloapikey}}" \
-H "trelloapitoken: {{trelloapitoken}}" \
http://localhost:3000/createTask?idBoard={{idBoard}} \
-d '{"type": "bug", "description": "The altimeter does not work." }'

remember, if you want set TRELLO_APIKEY and TRELLO_TOKEN in the .evn file (or an
env var) you dont have to set trelloapikey and trelloapitoken in headers

curl \
--request POST \
-H 'Content-Type: application/json' \
http://localhost:3000/createTask?idBoard={{idBoard}} \
-d '{"type": "bug", "description": "The altimeter does not work." }'
```
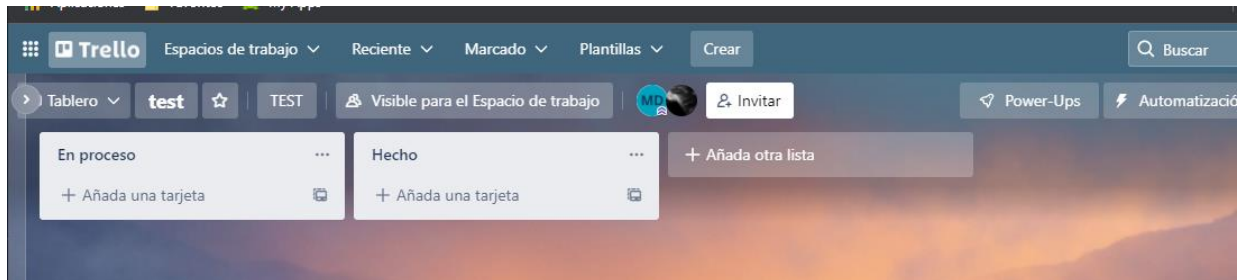
npm install

npm start

```
marco@DESKTOP-MARCO:~/workspace/issueTrackerSpaceX$ npm start

> issuetrackerspacex@1.0.0 start
> node src/index.js

Spacex issue tracker is  listenning on port: 3000
```
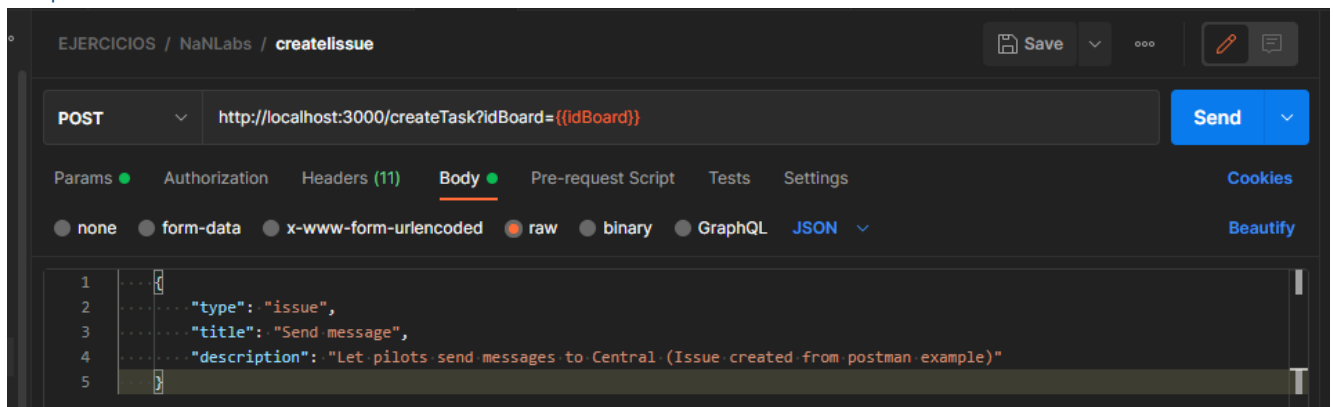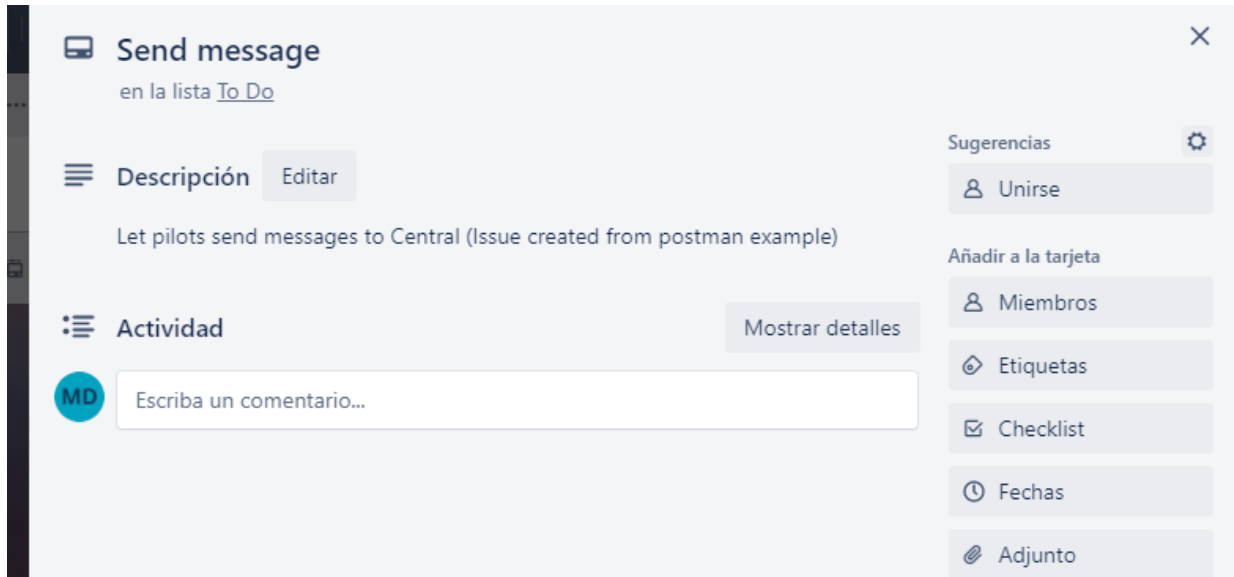
Init panel

Creating issue
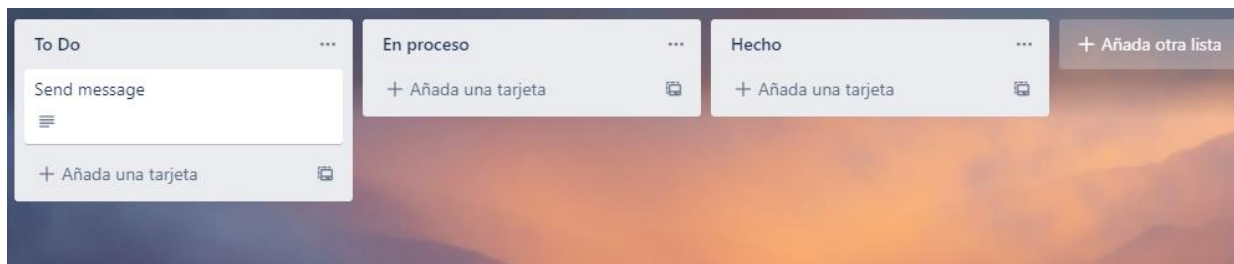
Postman

Request

Response
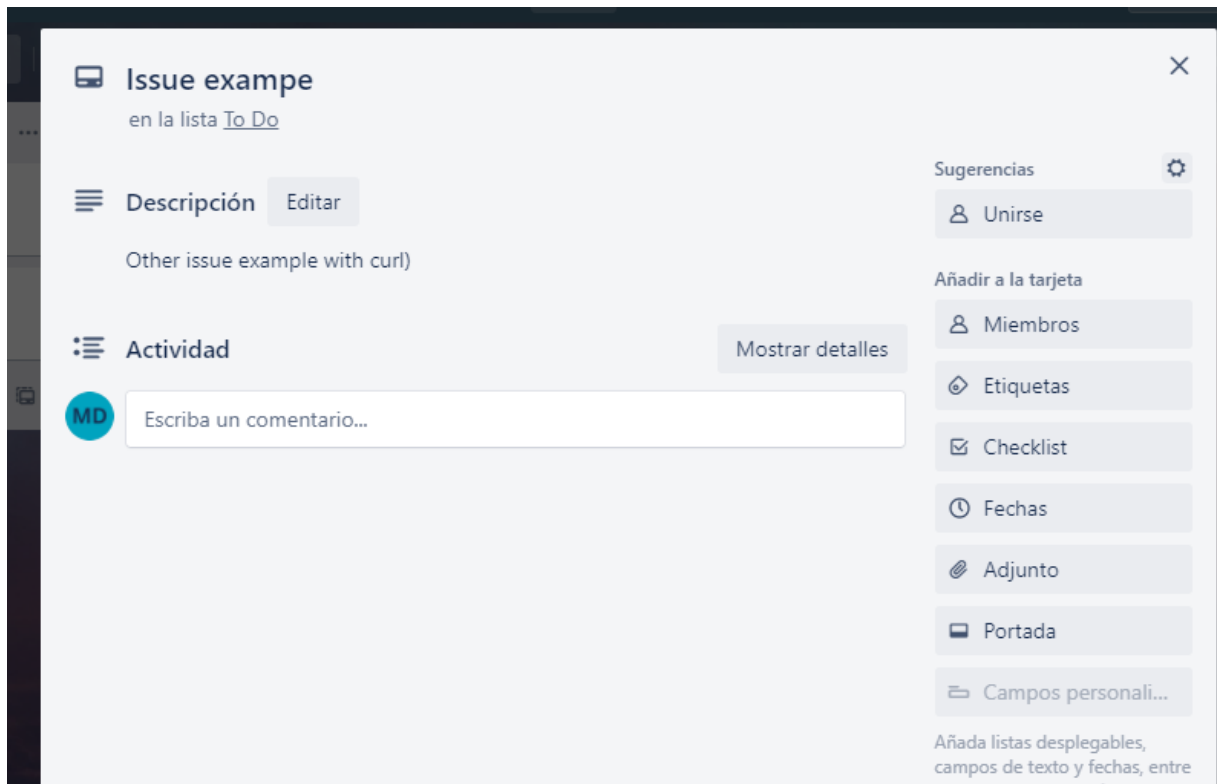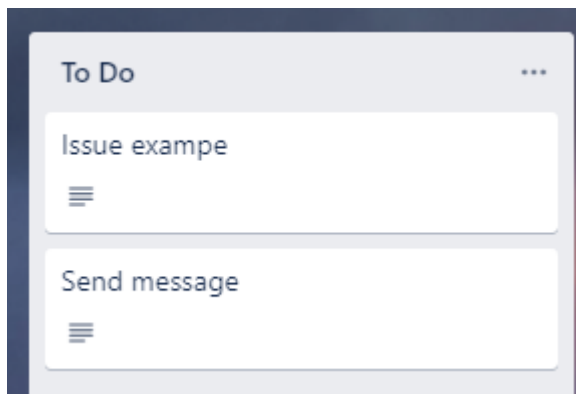(the card object from Trello):

Board

Curl

Request

```
marco@DESKTOP-MARCO:/mnt/c/Users/Marco$ curl \
> --request POST \
> -H 'Content-Type: application/json' \
> http://localhost:3000/createTask?idBoard=62103371db6495047095e005 \
> -d '{"type": "issue", "title": "Issue exampe", "description": "Other issue example with curl)"}'
```

Response

{"attachments":[],"id":"6212d8585f326f5563f04bf1","badges":{"attachmentsByType":{"trello":{"board":0,"card":0}},"location":false,"votes":0,"viewingMemberVoted":false,"subscribed":false,"fogbugz":"","checkItems":0,"checkItemsChecked":0,"checkItemsEarliestDue":null,"comments":0,"attachments":0,"description":true,"due":null,"dueComplete":false,"start":null},"checkItemStates":[],"closed":false,"dueComplete":false,"dateLastActivity":"2022-02-21T00:10:00.198Z","desc":"Other issue example with curl)","descData":{"emoji":{}},"due":null,"dueReminder":null,"email":null,"idBoard":"62103371db6495047095e005","idChecklists":[],"idList":"6212d4a7a6fdf67fbf4968b4","idMembers":[],"idMembersVoted":[],"idShort":18,"idAttachmentCover":null,"labels":[],"idLabels":[],"manualCoverAttachment":false,"name":"Issue exampe","pos":8192,"shortLink":"PmGXnsNP","shortUrl":"https://trello.com/c/PmGXnsNP","start":null,"subscribed":false,"url":"https://trello.com/c/PmGXnsNP/18-issue-exampe","cover":{"idAttachment":null,"color":null,"idUploadedBackground":null,"size":"normal","brightness":"dark","idPlugin":null},"isTemplate":false,"cardRole":null,"stickers":[],"limits":{}}marco@DESKTOP-MARCO:/mnt/c/Users/Marco$

Board

Creating task
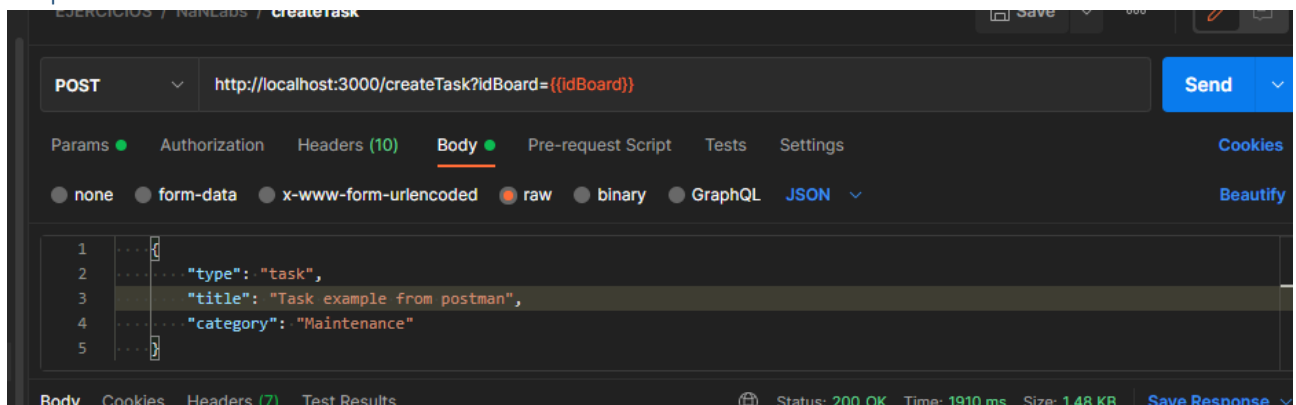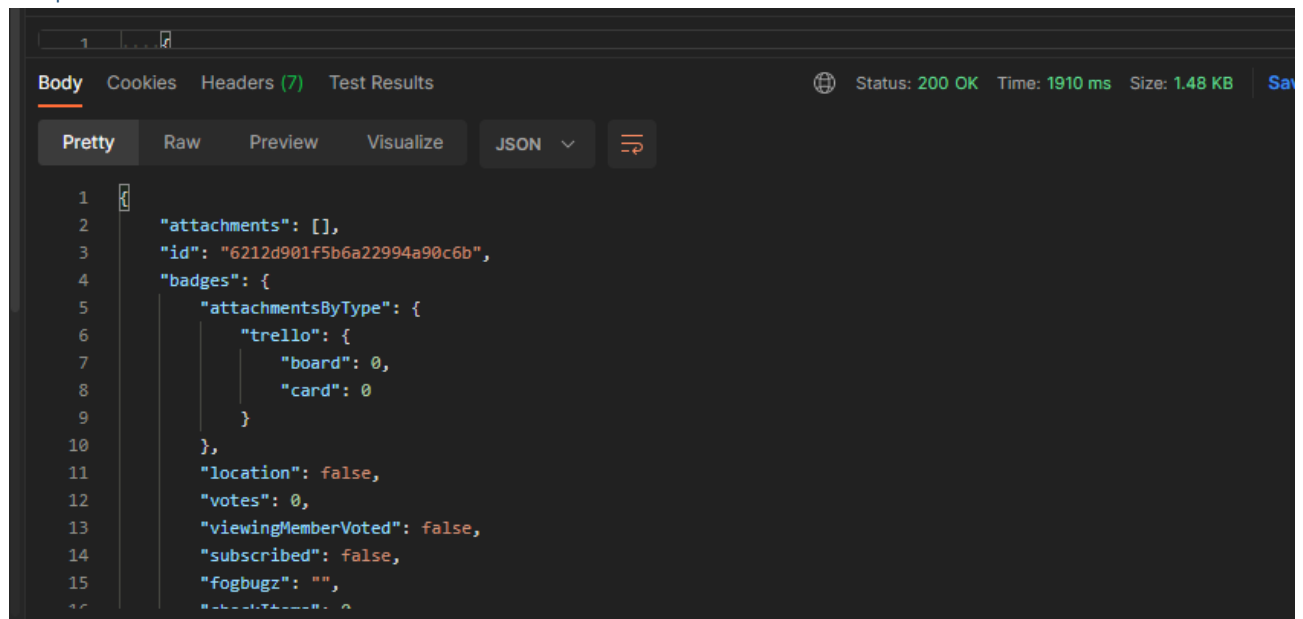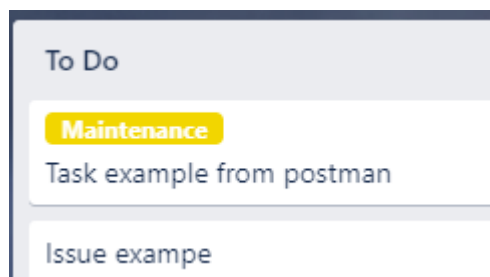
Postman

Request
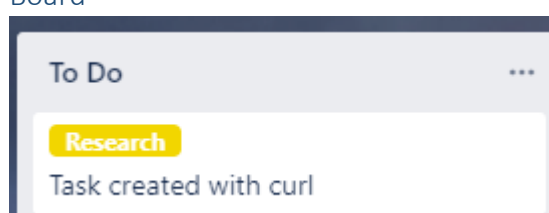
Response

Board

Curl

Request


```
marco@DESKTOP-MARCO:/mnt/c/Users/Marco$ curl \
> --request POST \
> -H 'Content-Type: application/json' \
> http://localhost:3000/createTask?idBoard=62103371db6495047095e005 \
> -d '{"type": "task", "title": "Task created with curl", "category": "Research"}'
```

Response

"attachments":[],"id":"6212d9f56a0b4b290fed9925","badges":{"attachmentsByType":{"trello":{"board":0,"card":0}},"locatio
n":false,"votes":0,"viewingMemberVoted":false,"subscribed":false,"fogbugz":"","checkItems":0,"checkItemsChecked":0,"chec
kItemsEarliestDue":null,"comments":0,"attachments":0,"description":false,"due":null,"dueComplete":false,"start":null},"c
heckItemStates":[],"closed":false,"dueComplete":false,"dateLastActivity":"2022-02-21T00:16:54.012Z","desc":"","descData"
:{"emoji":{}},"due":null,"dueReminder":null,"email":null,"idBoard":"62103371db6495047095e005","idChecklists":[],"idList"
:"6212d4a7a6fdf67fbf4968b4","idMembers":[],"idMembersVoted":[],"idShort":20,"idAttachmentCover":null,"labels":[{"id":"62
12d9f53705b50ea708400b","idBoard":"62103371db6495047095e005","name":"Research","color":"yellow"}],"idLabels":["6212d9f53
705b50ea708400b"],"manualCoverAttachment":false,"name":"Task created with curl","pos":2048,"shortLink":"Wc34OQw8","short
Url":"https://trello.com/c/Wc34OQw8","start":null,"subscribed":false,"url":"https://trello.com/c/Wc34OQw8/20-task-create
d-with-curl","cover":{"idAttachment":null,"color":null,"idUploadedBackground":null,"size":"normal","brightness":"dark","
idPlugin":null},"isTemplate":false,"cardRole":null,"stickers":[],"limits":{}}marco@DESKTOP-MARCO:/mnt/c/Users/Marco$

Board

Creating bug

Postman

Request
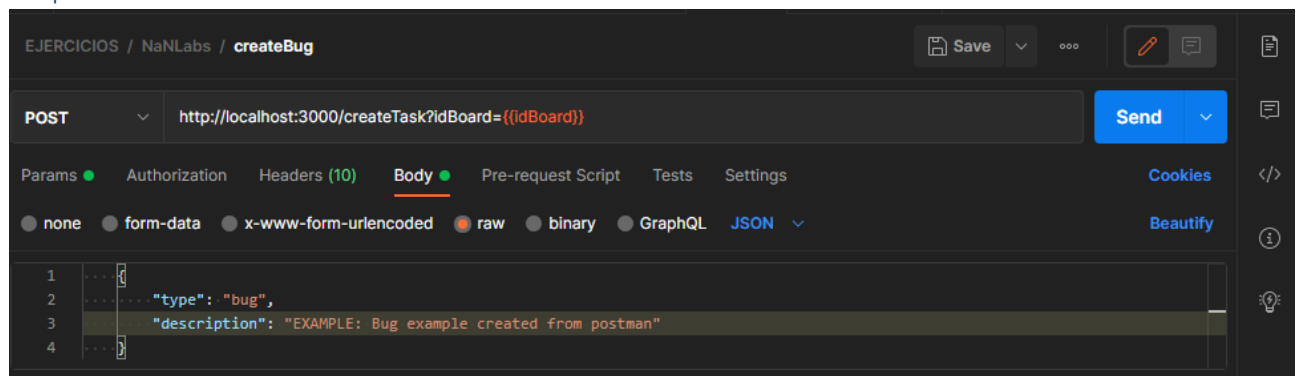
Response
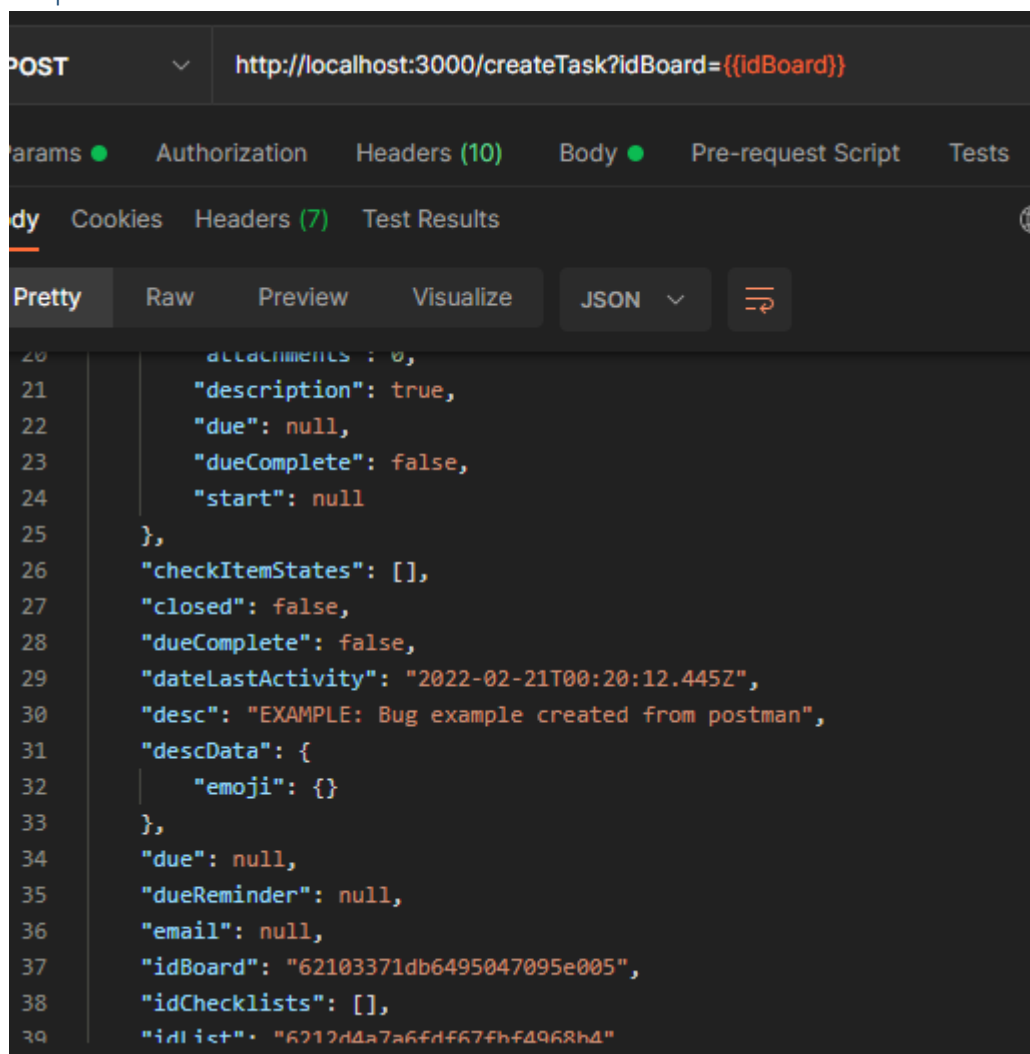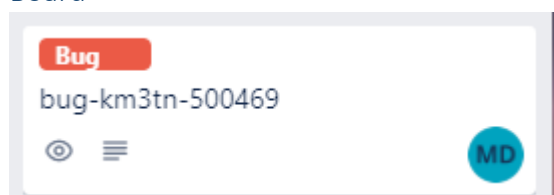
Board

Curl

Request

```
marco@DESKTOP-MARCO:/mnt/c/Users/Marco$ curl \
> --request POST \
> -H 'Content-Type: application/json' \
> http://localhost:3000/createTask?idBoard=62103371db6495047095e005 \
> -d '{"type": "bug", "description": "EXAMPLE: Bug example created from CURL"}'
```

Response

{"attachments":[],"id":"6212db8ff837920401e287f7","badges":{"attachmentsByType":{"trello":{"board":0,"card":0}},"location":false,"votes":0,"viewingMemberVoted":false,"subscribed":false,"fogbugz":"","checkItems":0,"checkItemsChecked":0,"checkItemsEarliestDue":null,"comments":0,"attachments":0,"description":true,"due":null,"dueComplete":false,"start":null},"checkItemStates":[],"closed":false,"dueComplete":false,"dateLastActivity":"2022-02-21T00:23:43.949Z","desc":"EXAMPLE: Bug example created from CURL","descData":{"emoji":{}},"due":null,"dueReminder":null,"email":null,"idBoard":"62103371db6495047095e005","idChecklists":[],"idList":"6212d4a7a6fdf67fbf4968b4","idMembers":["57ae4aea9e3b199b1d058166"],"idMembersVoted":[],"idShort":22,"idAttachmentCover":null,"labels":[{"id":"6212b5d102181374ef8f7ae3","idBoard":"62103371db6495047095e005","name":"Bug","color":"red"}],"idLabels":["6212b5d102181374ef8f7ae3"],"manualCoverAttachment":false,"name":"bug-t8dh58-827112","pos":512,"shortLink":"eKuujHKC","shortUrl":"https://trello.com/c/eKuujHKC","start":null,"subscribed":false,"url":"https://trello.com/c/eKuujHKC/22-bug-t8dh58-827112","cover":{"idAttachment":null,"color":null,"idUploadedBackground":null,"size":"normal","brightness":"dark","idPlugin":null},"isTemplate":false,"cardRole":null,"stickers":[],"limits":{}}

Board