

JavaScript

NodeJs

Visual
Studio Code

Create a new repository

X

Name

UC7_BackEndNode

Description

UC7: Codificar back-end de aplicações web

Local path

C:\xampp\htdocs

Choose...

Initialize this repository with a README

Git ignore

Node



License

MIT License

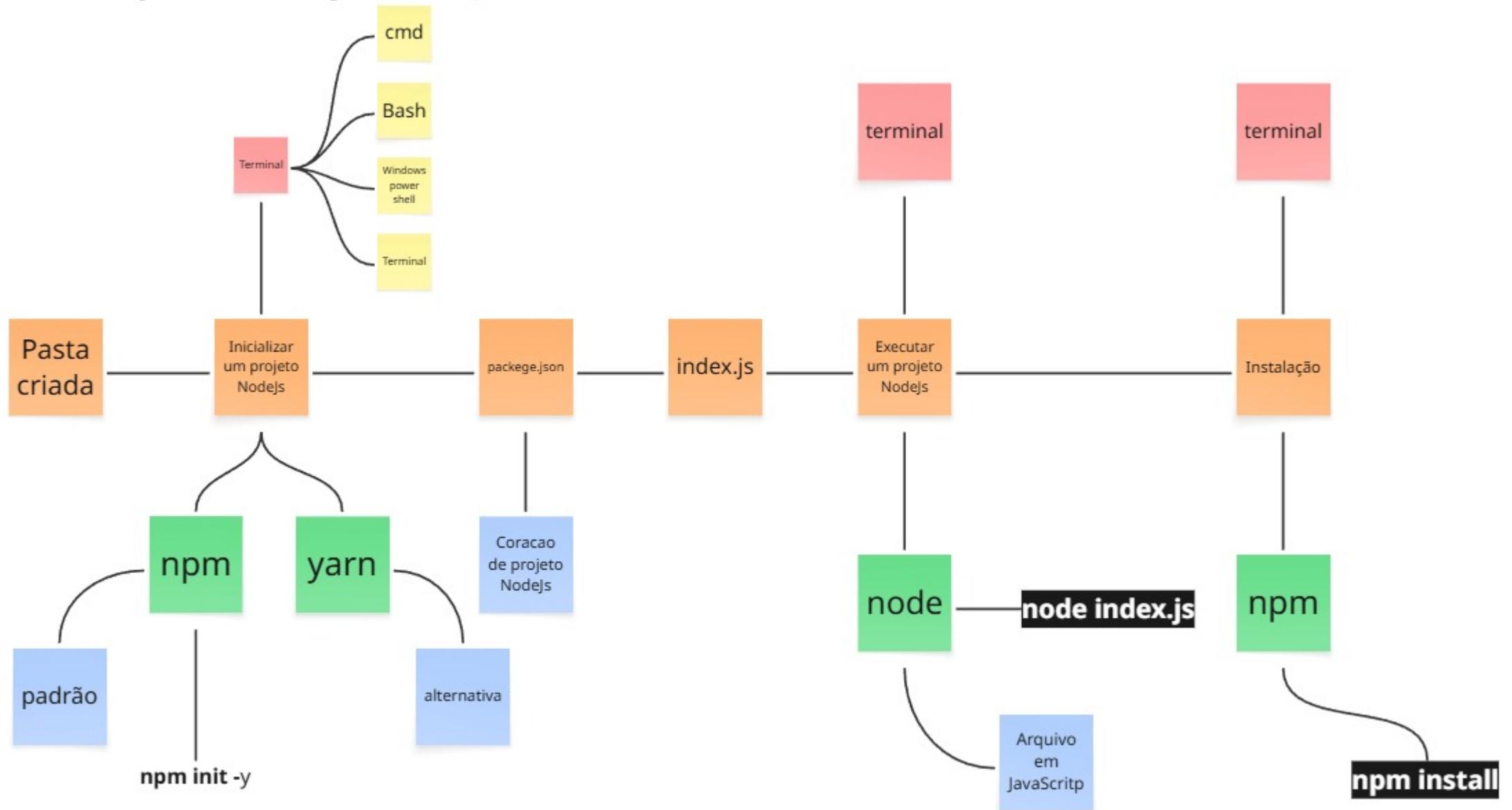


The repository will be created at C:\xampp\htdocs\UC7_BackEnd
Node .

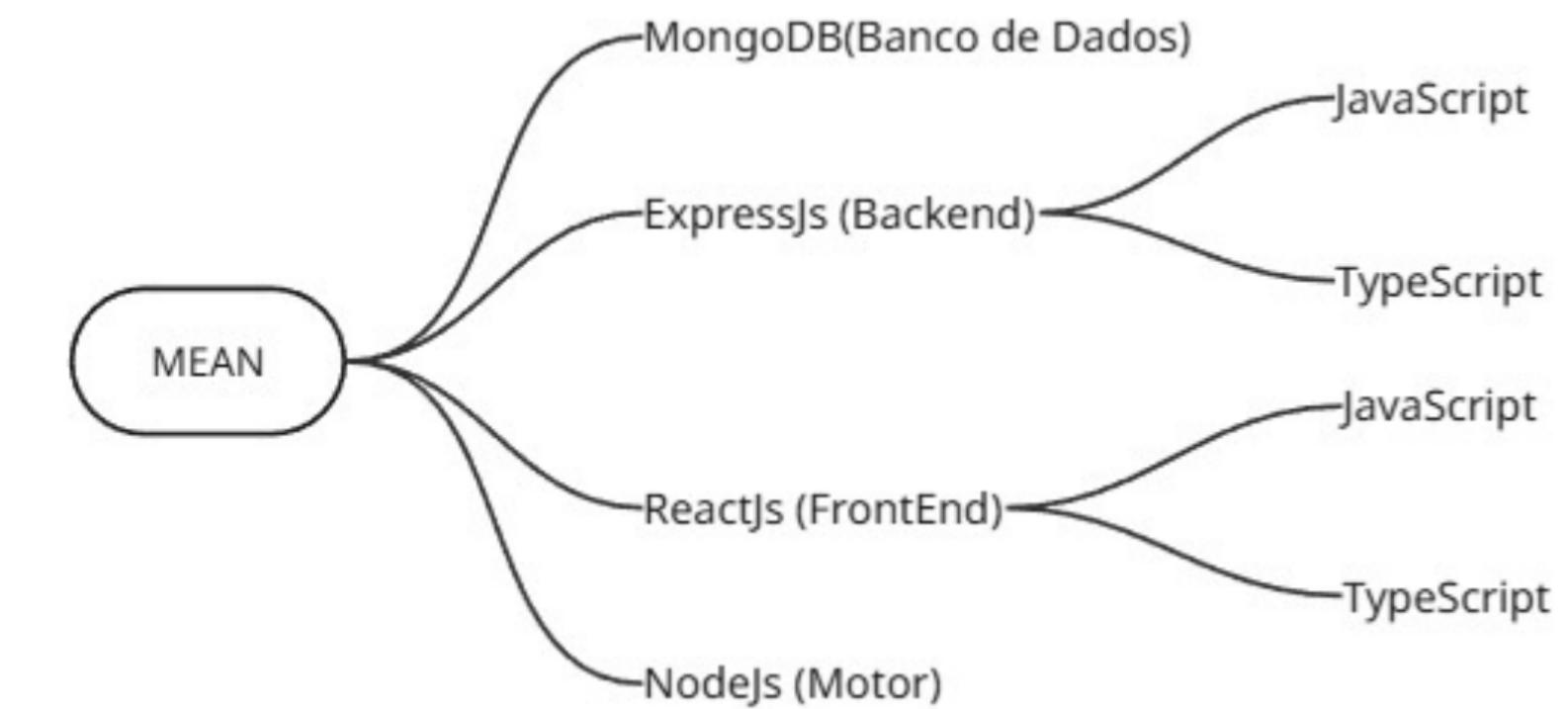
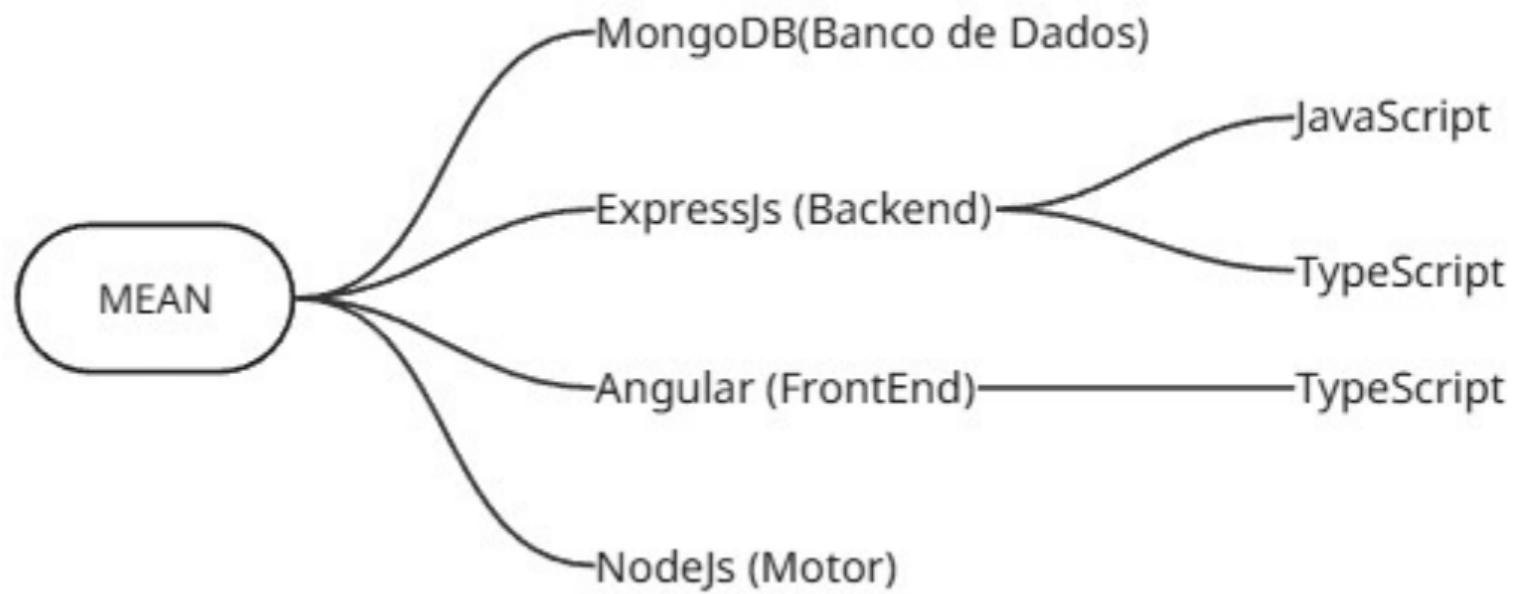
Create repository

Cancel

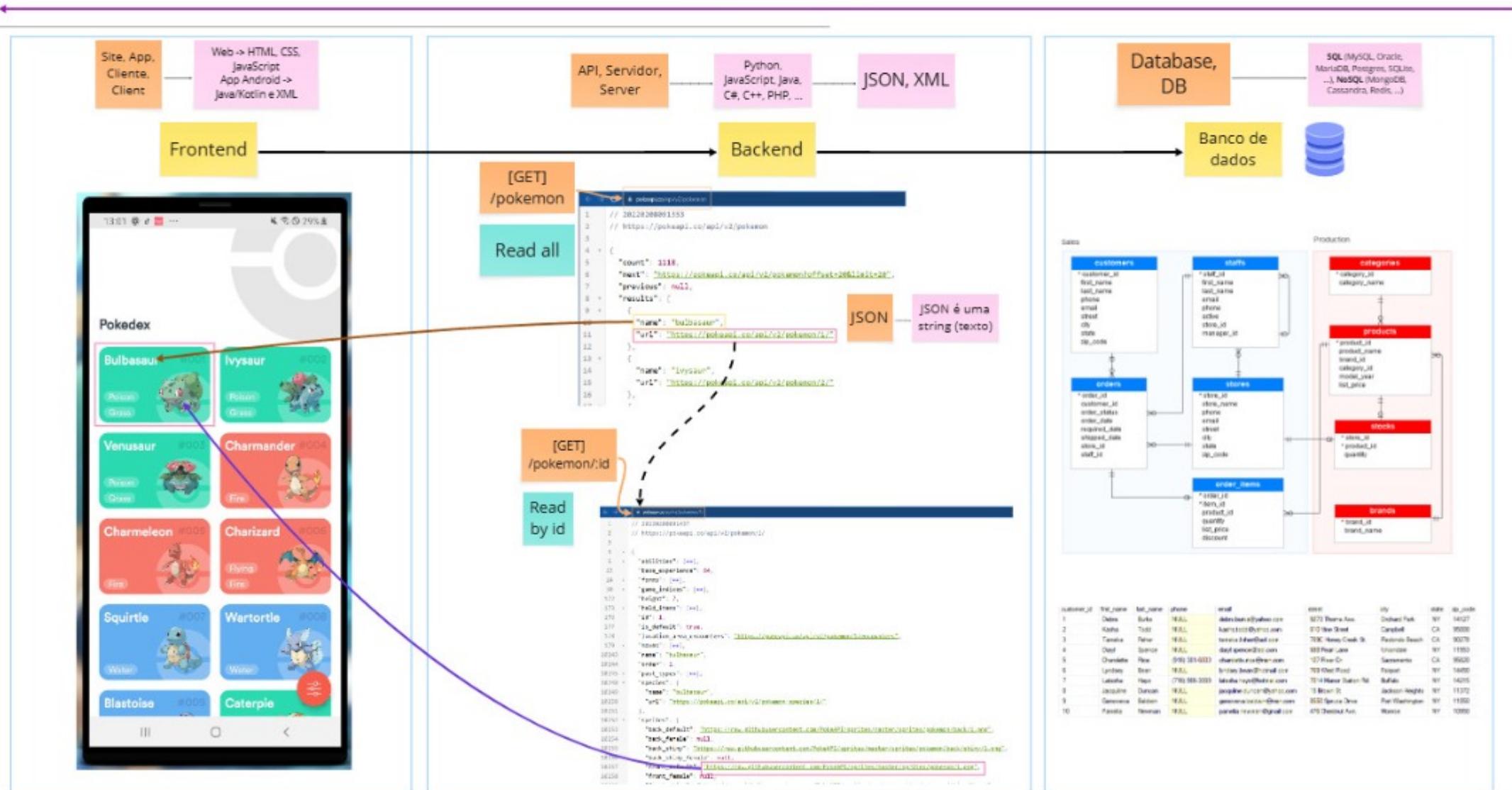
Fluxo de Criação de um Projeto Nodejs

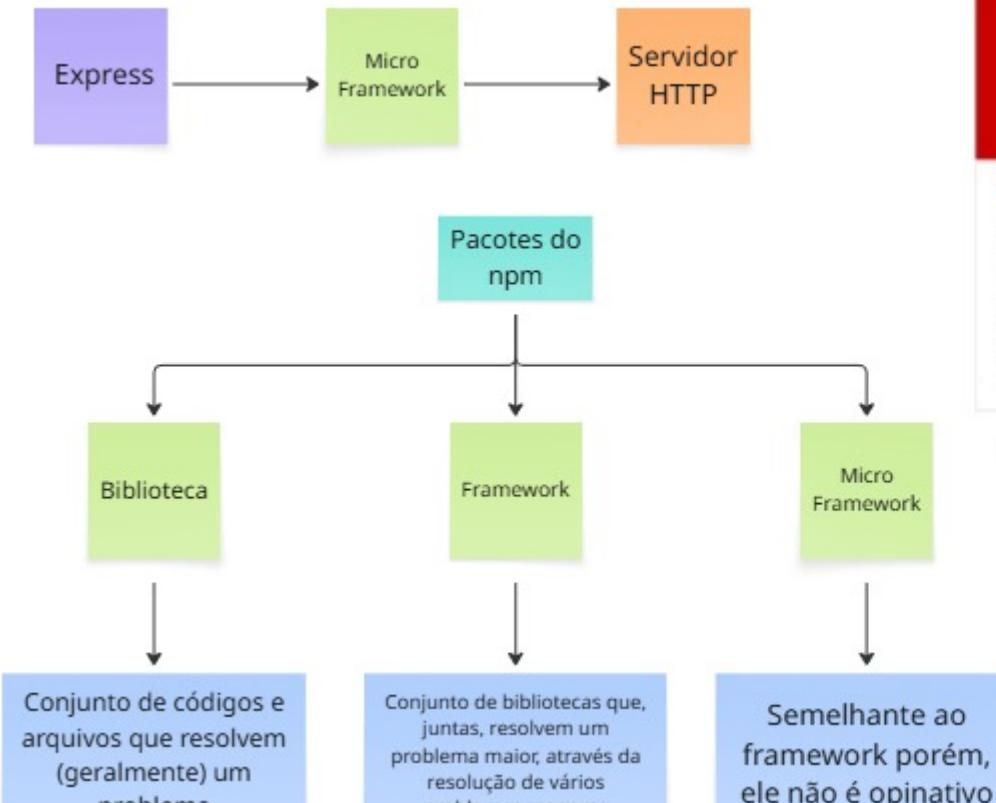


stack



Direção do fluxo de dados





Index.js

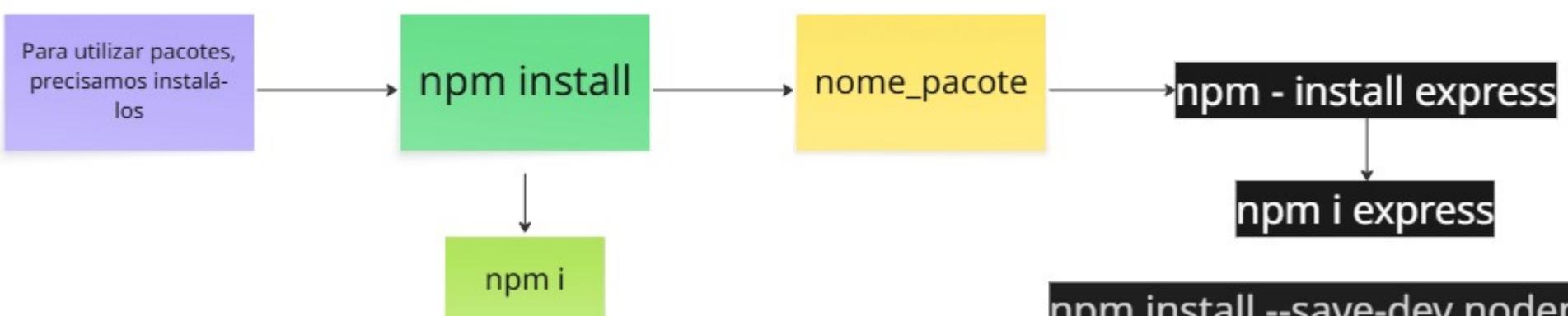
```

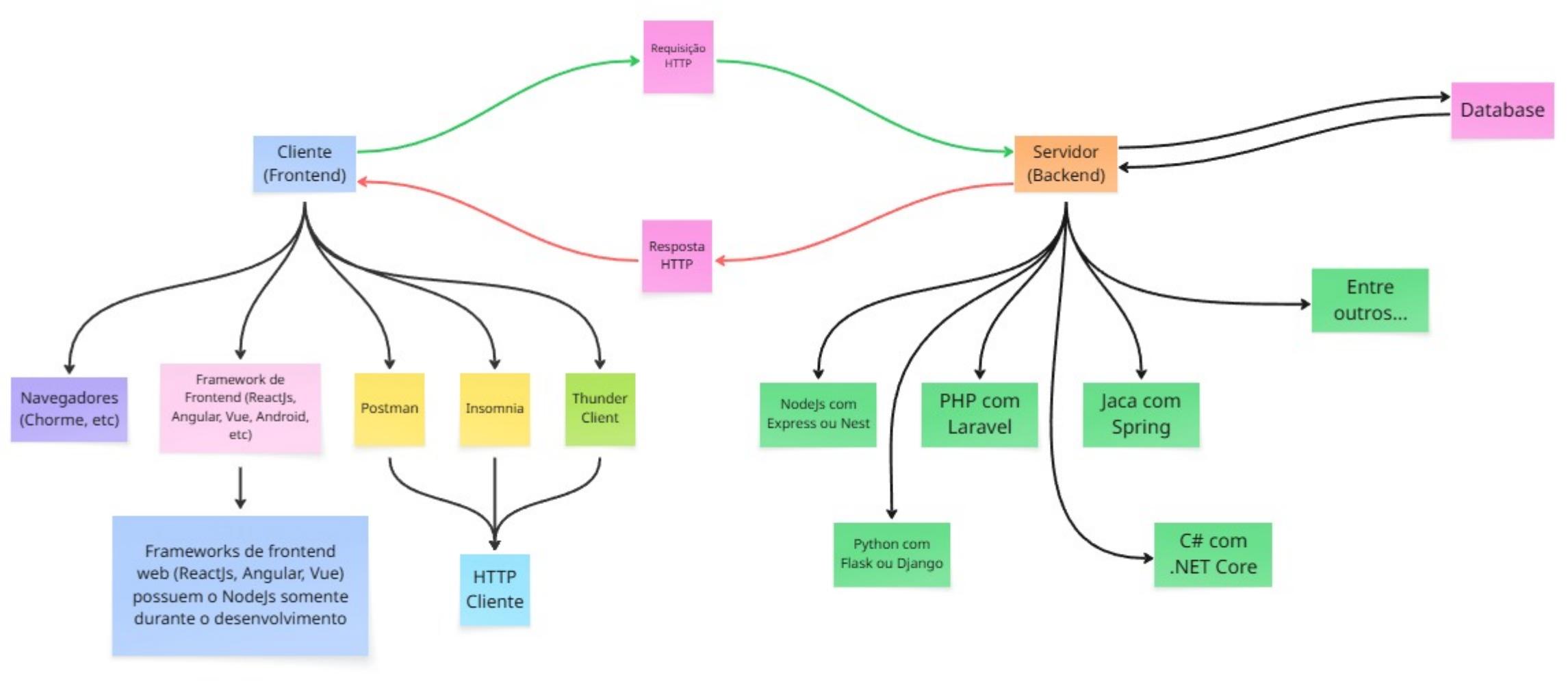
2025.11.04_InicioNode > JS index.js > ...
1 const express = require("express")
2 const app = express()
3 app.get('/', function (req, res) {
4   res.send('Olá, Mundo')
5 })
6
7 app.listen(3000)
8
  
```

package.json

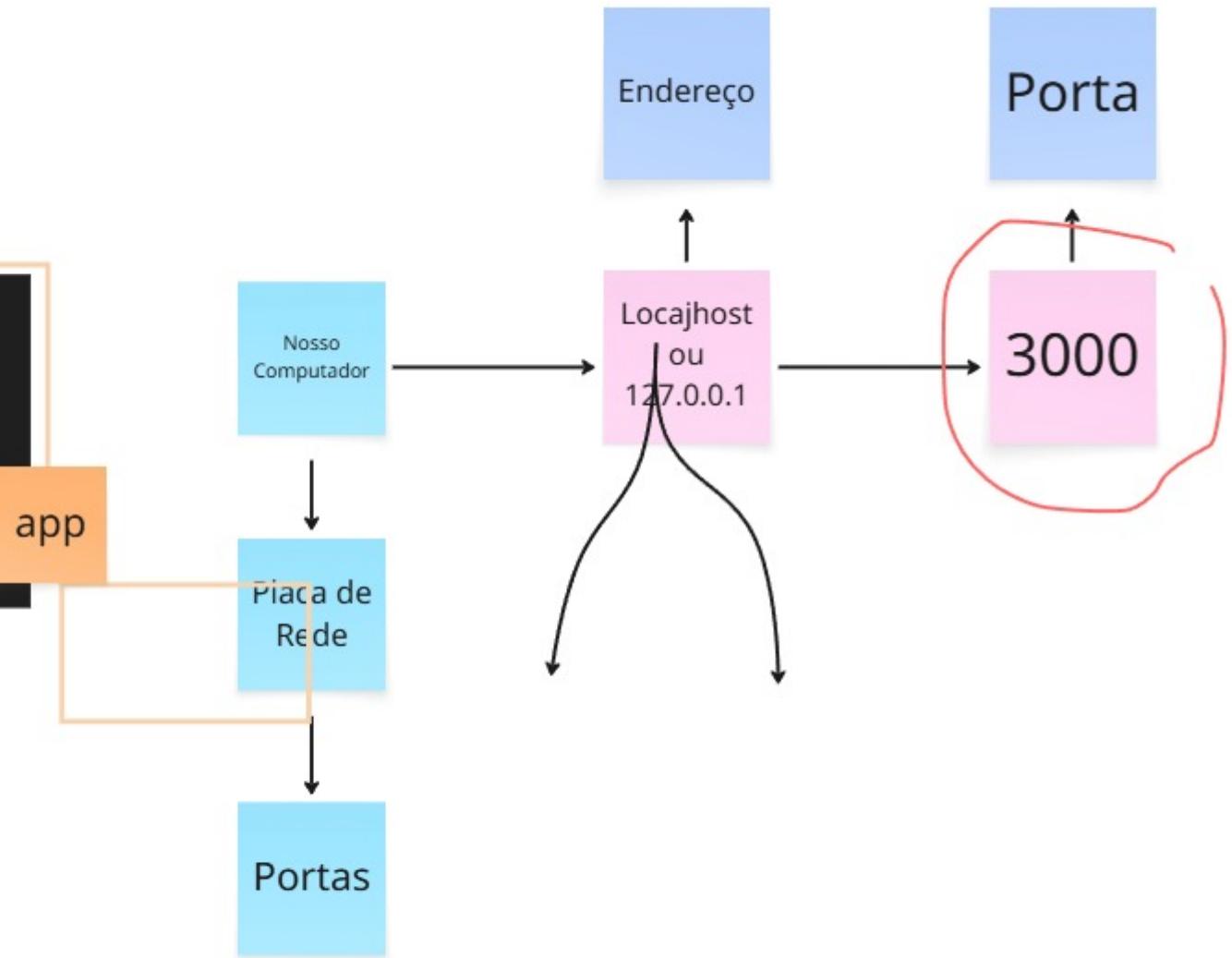
```

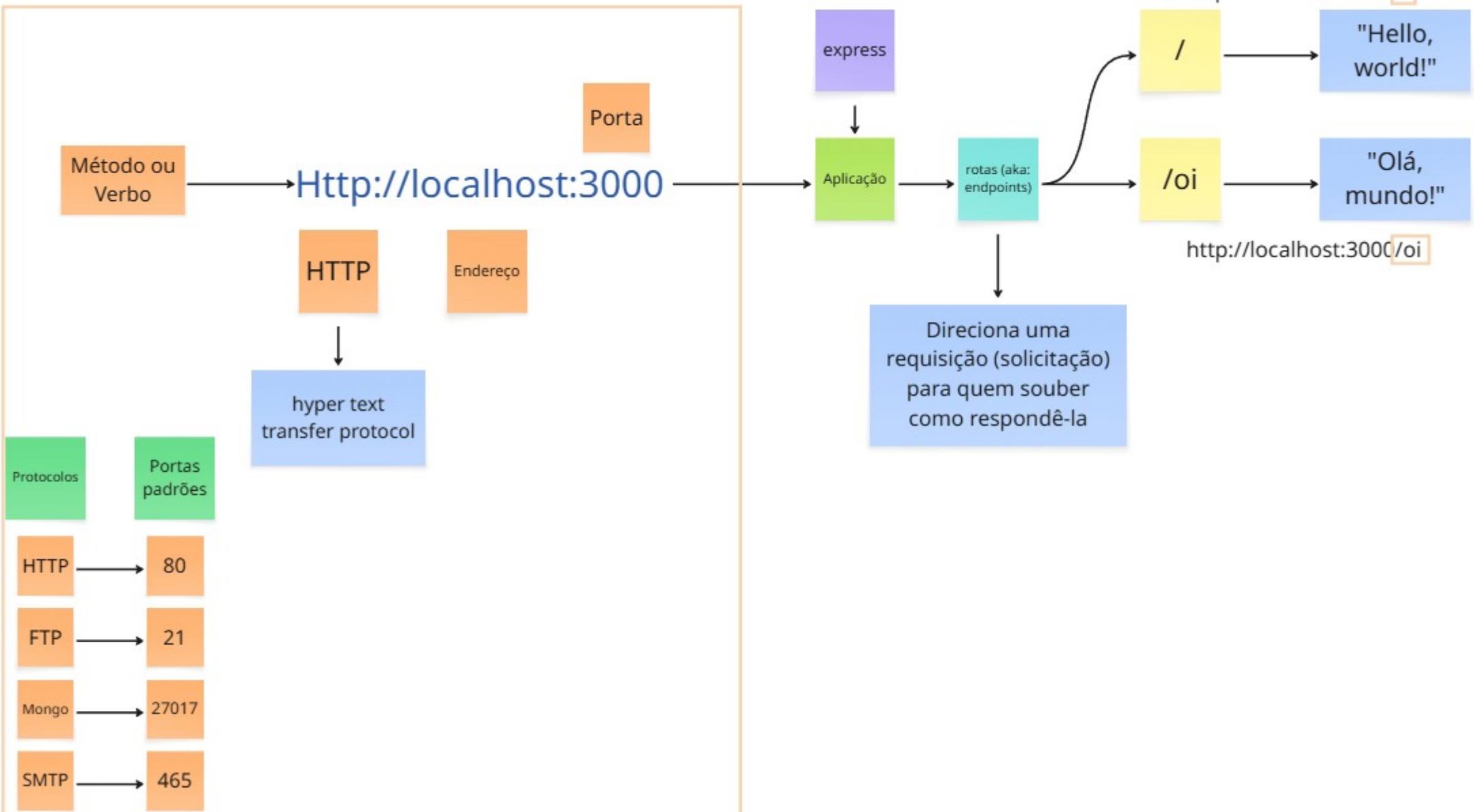
2025.11.04_InicioNode > 🔍 package.json > {} scripts > ⚡ start
1 {
2   "name": "2025.11.04_inicionode",
3   "version": "1.0.0",
4   "description": "Primeiro projeto node",
5   "main": "index.js",
6   ▶ Depurar
7   "scripts": [
8     "test": "echo \\\"Error: no test specified\\\" && exit 1",
9     "start": "node index.js"
10   ],
11   "author": "",
12   "license": "ISC",
13   "dependencies": {
14     "express": "^5.1.0"
15   }
  
```

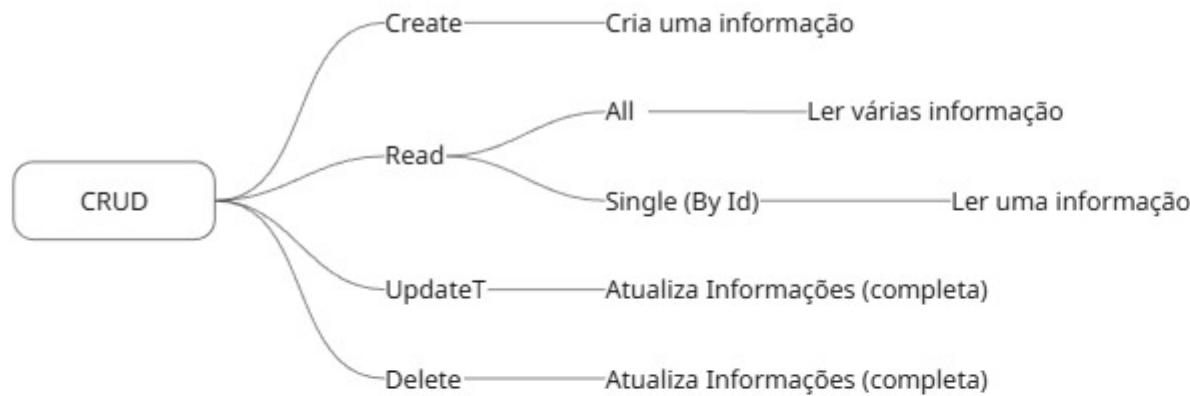
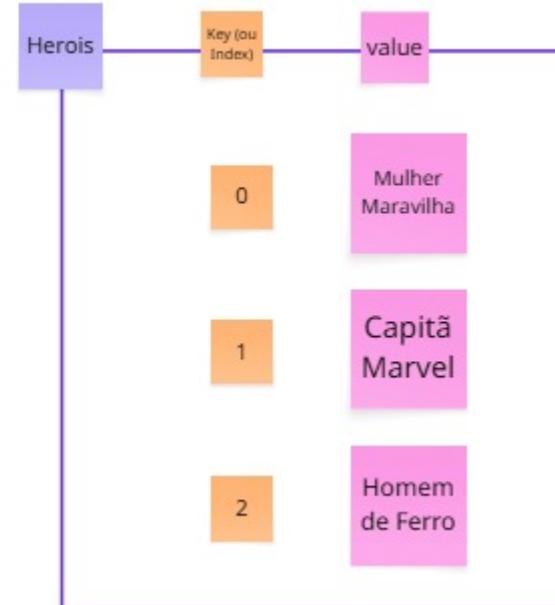
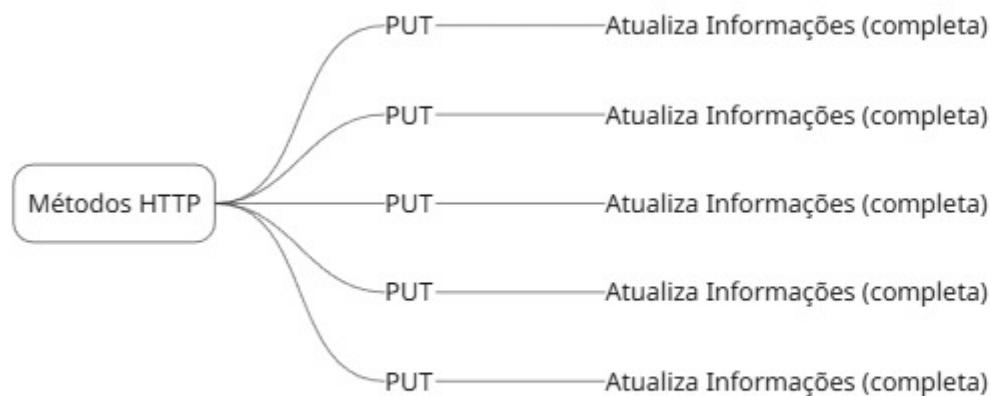


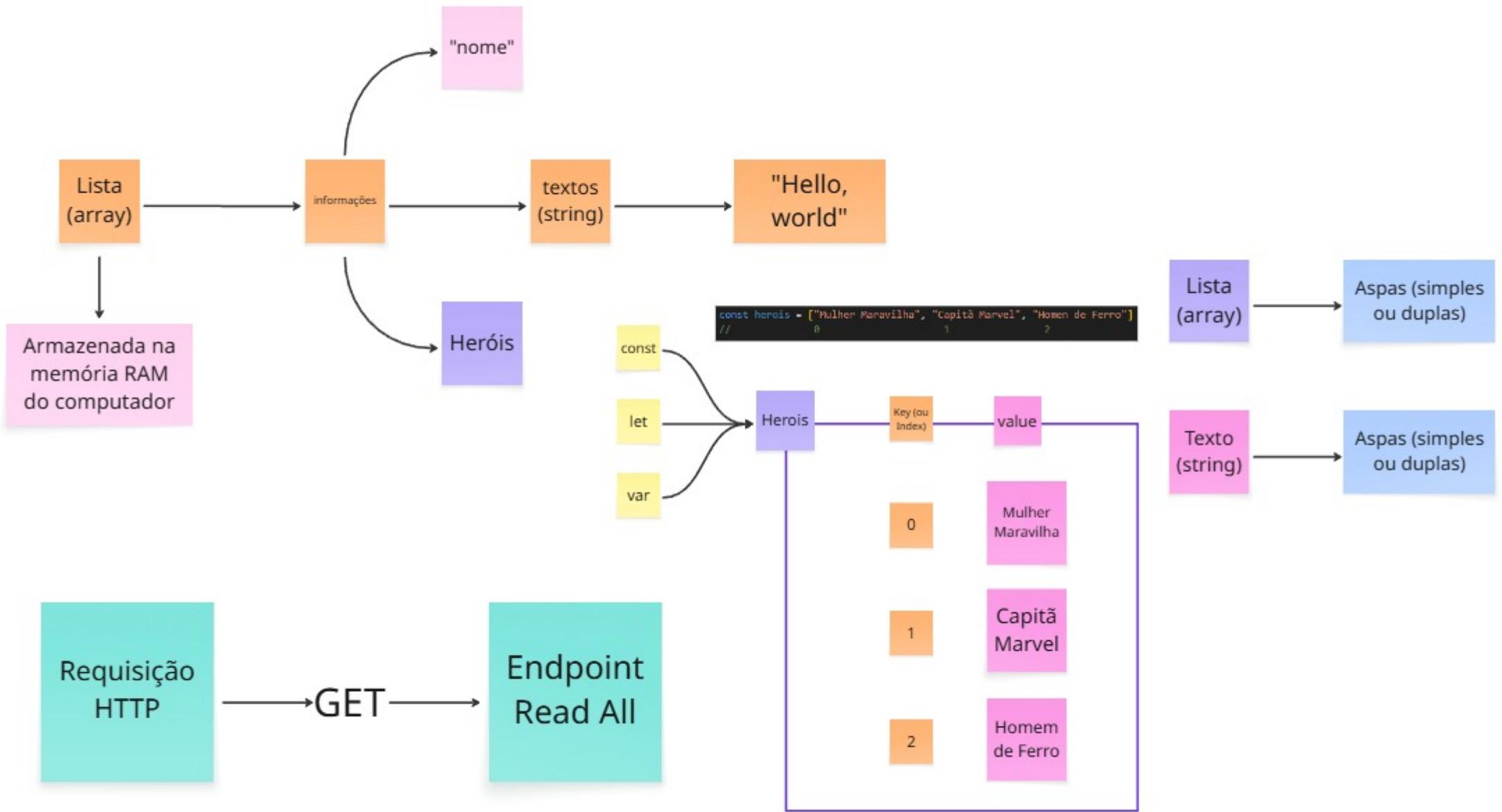


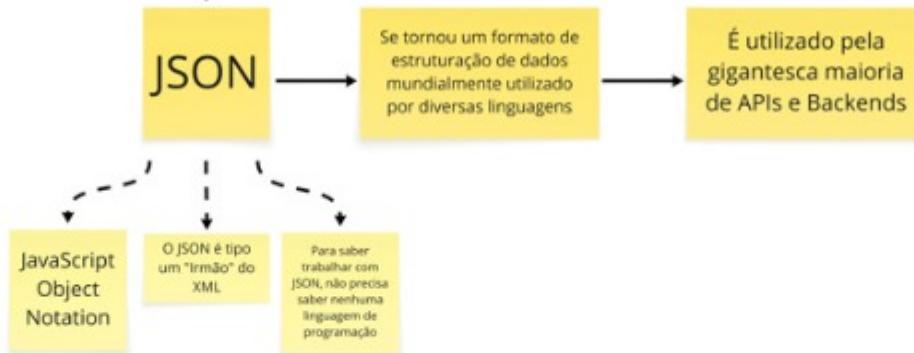
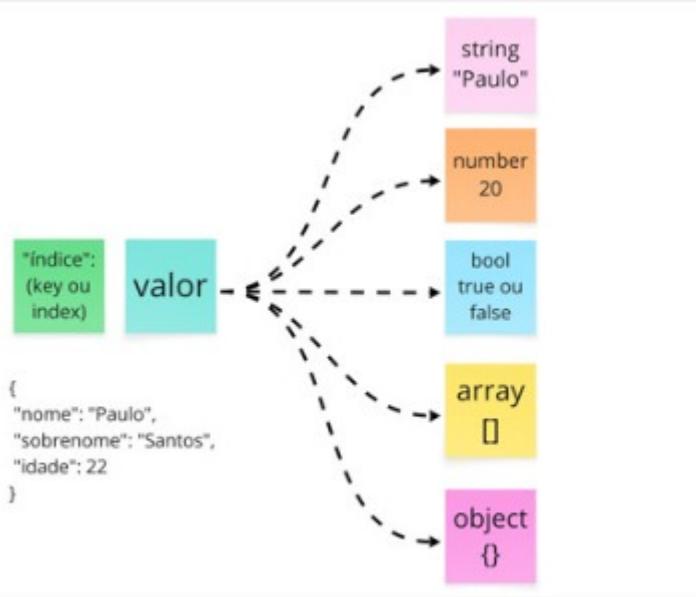
```
2025.11.04_InicioNode > JS index.js > ...
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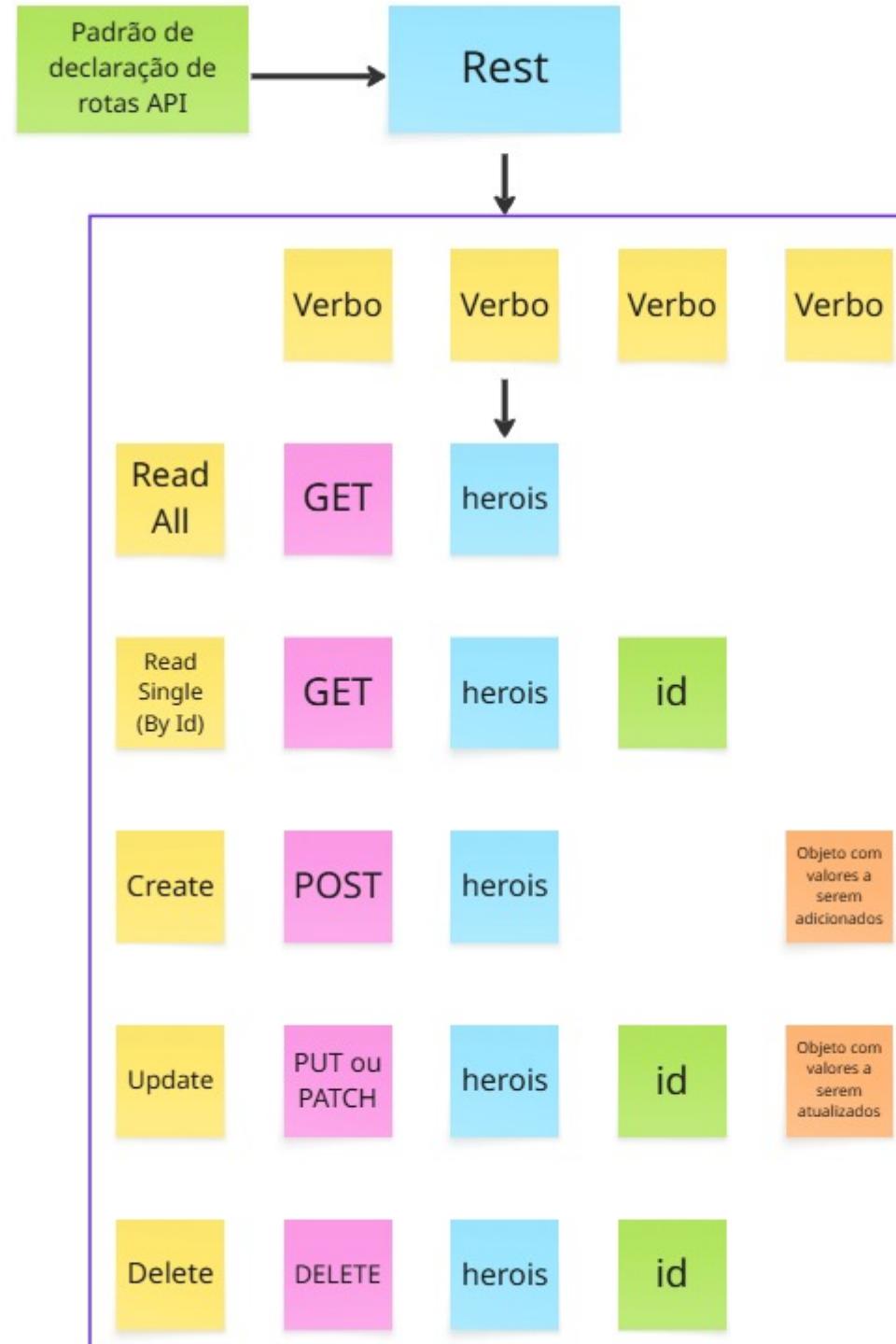




```

1 // 2022080902353
2 // https://pokeapi.co/api/v2/pokemon
3 [
4   {
5     "count": 1138,
6     "next": "https://pokeapi.co/api/v2/pokemon?offset=20&limit=20",
7     "previous": null,
8     "results": [
9       {
10         "name": "bulbasaur",
11         "url": "https://pokeapi.co/api/v2/pokemon/1/"
12       },
13       {
14         "name": "ivysaur",
15         "url": "https://pokeapi.co/api/v2/pokemon/2/"
16       },
17       {
18         "name": "venusaur",
19         "url": "https://pokeapi.co/api/v2/pokemon/3/"
20       },
21       {
22         "name": "charmander",
23         "url": "https://pokeapi.co/api/v2/pokemon/4/"
24       },
25       {
26         "name": "charmeleon",
27         "url": "https://pokeapi.co/api/v2/pokemon/5/"
28       },
29       {
30         "name": "charizard",
31         "url": "https://pokeapi.co/api/v2/pokemon/6/"
32       }
33     ]
34   ]
35 ]

```



Protocolo
Endereço
Porta
Rota/Endpoint

Send

Método HTTP
Body Parameters

Corpo da requisição (geralmente dados em JSON)

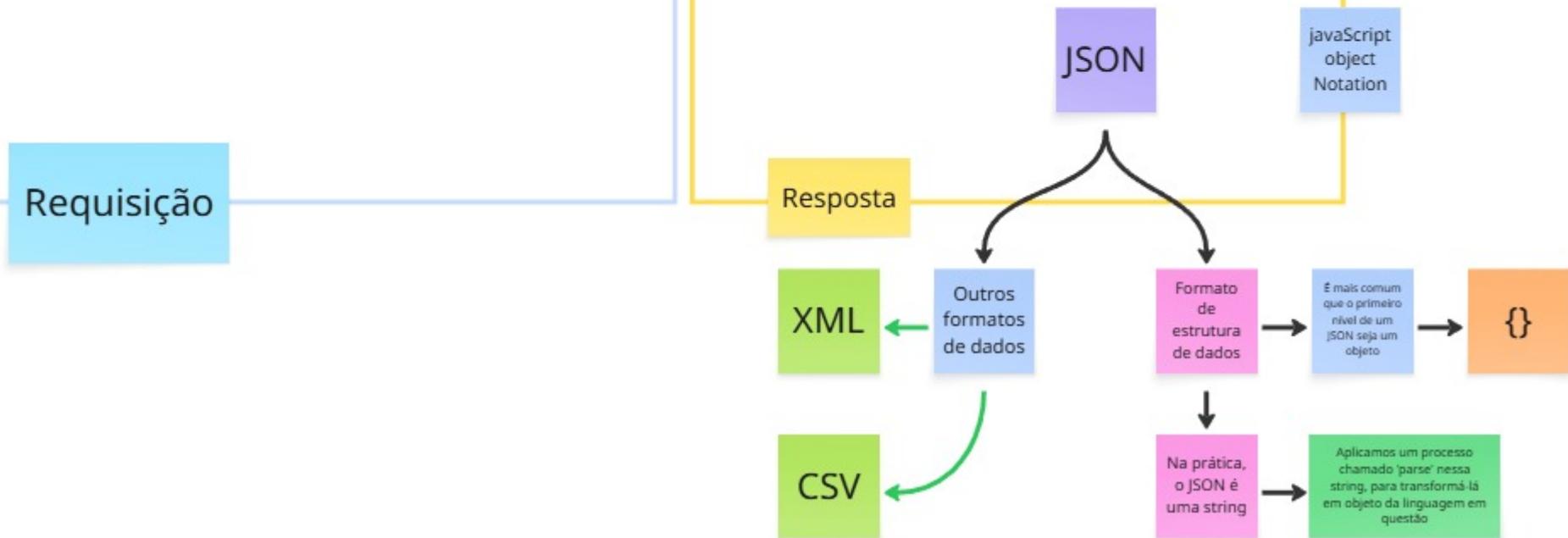
Requisição

Status: 200 OK Size: 54 Bytes Time: 30 ms

Response Headers Cookies Results Docs

```
[ "Mulher Maravilha", "Lanterna Verde", "Homem de Ferro" ]
```

Corpo da resposta



Parâmetros de rota

Sempre são considerados inicialmente com string

No caso de ID, precisamos convertê-lo para numero (number)

[GET] <http://localhost:3000/herois/id>

req.params

{"id": "1"}

Response Headers 6

```
1 {  
2   "id": 1  
3 }
```

req.params.id // "1"

