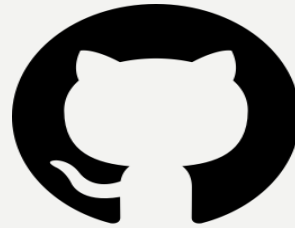


ENTENDENDO A WEB POR DEBAIXO DOS PANOS.

Vinicius Mangueira Correia

VINICIUS MANGUEIRA CORREIA

Desenvolvedor Back-End e Mobile



ViniciusDeep

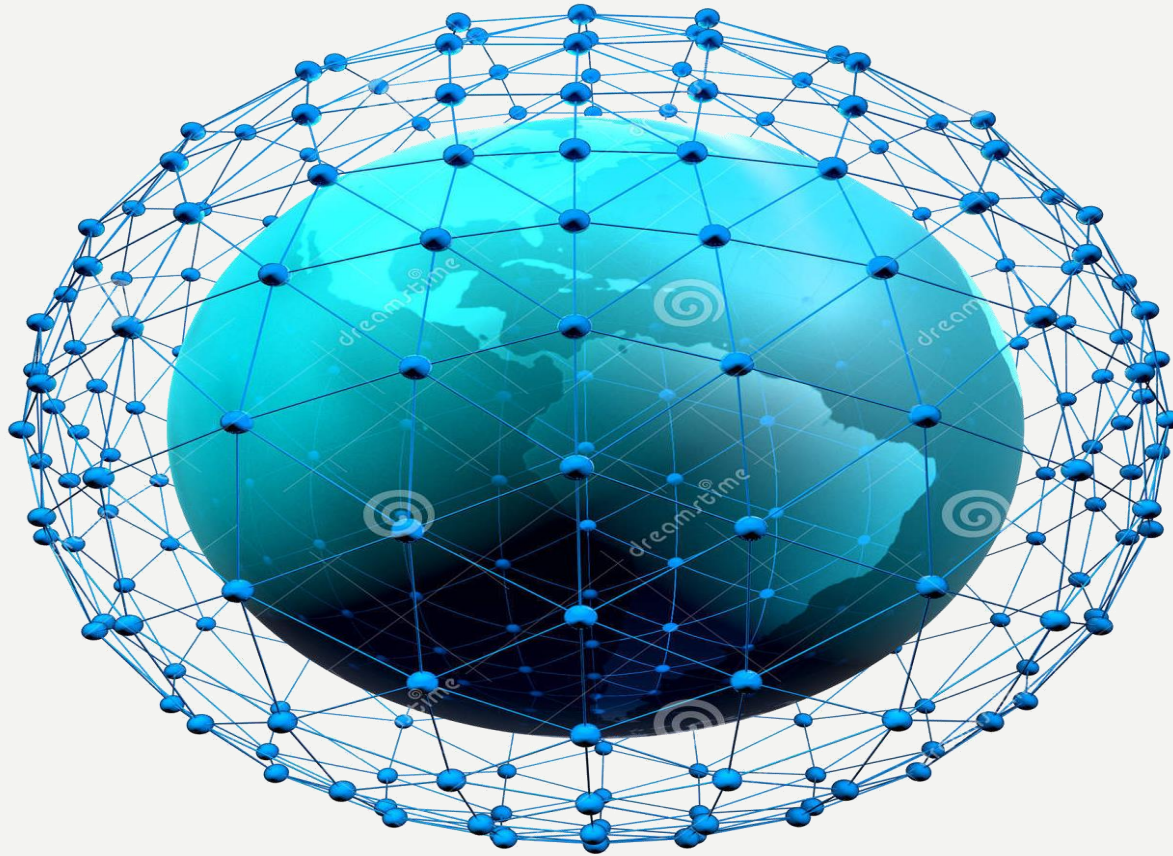
<https://github.com/ViniciusDeep>



Vinicius Manguiera

<https://www.linkedin.com/in/vinicius-manguiera-correia-9b9b8b138/>

O QUE É A WEB?



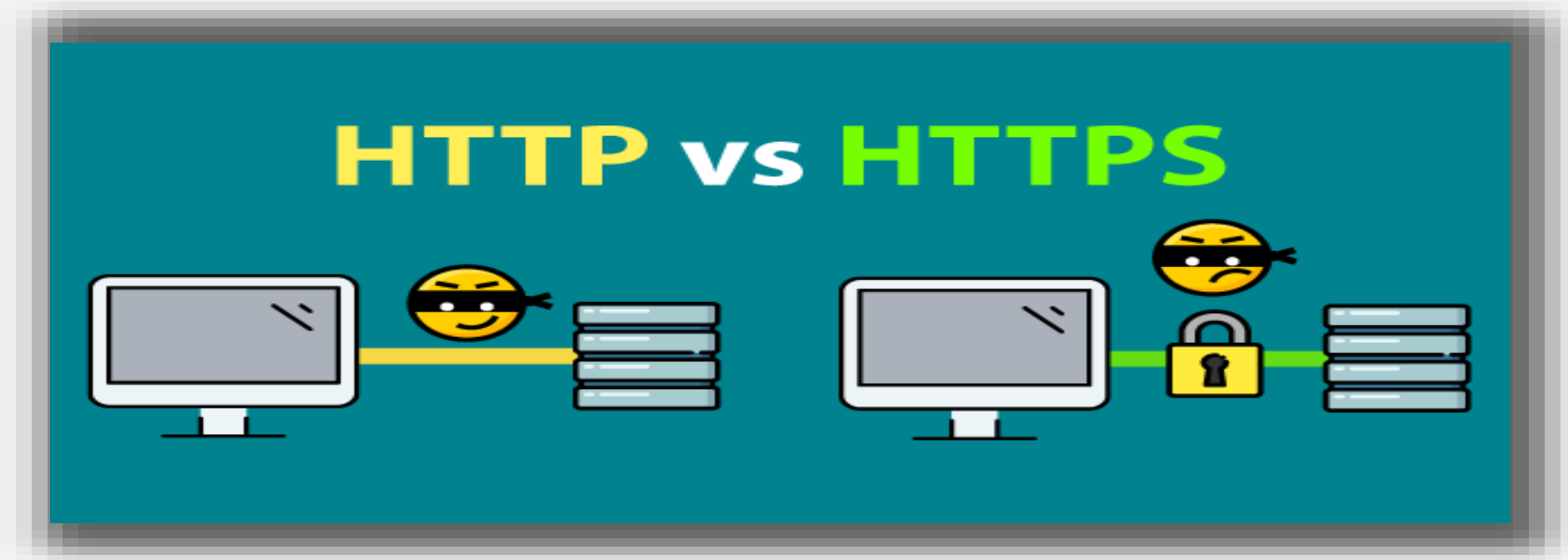
CLIENTE-SERVIDOR



HTTP



HTTPS

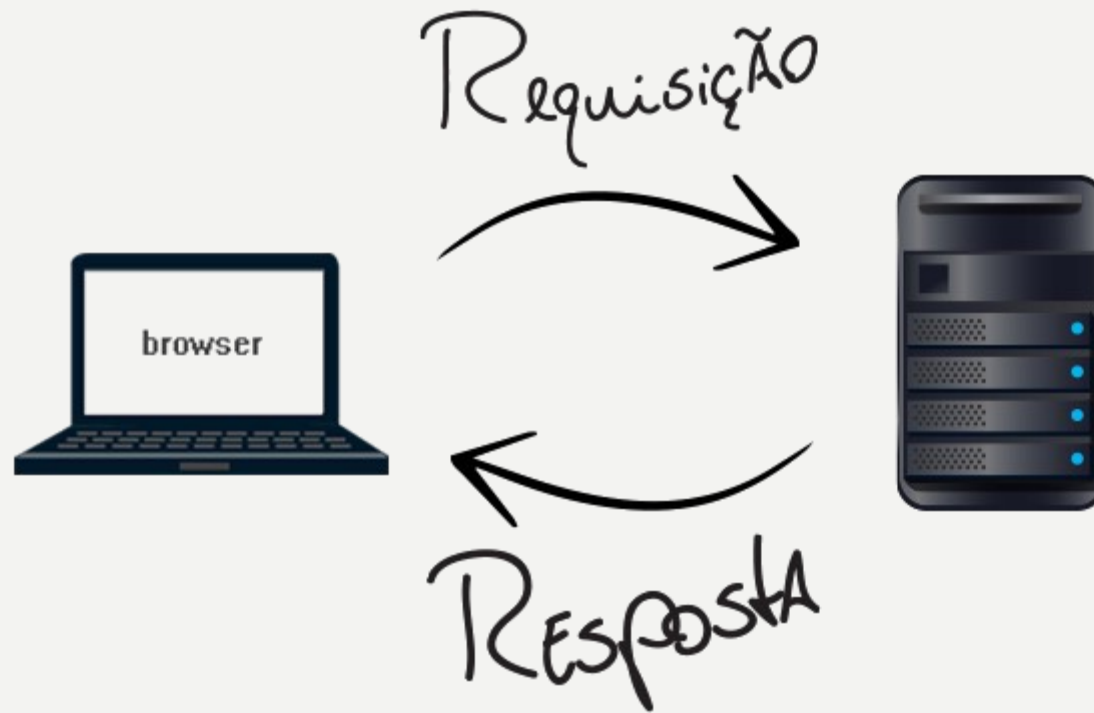


ENDEREÇOS



ANATOMY OF A WEB ADDRESS

REQUISIÇÃO E RESPOSTA



Métodos de requisição

GET

/pet/{petId} Find pet by ID

PUT

/pet Update an existing pet

DELETE

/pet/{petId} Deletes a pet

POST

/pet/{petId}/uploadImage uploads an image

Métodos de requisição

METHODS

GET - Receber dados (params na URL)

POST - Submeter dados(params no corpo da requisição)

DELETE - Remover um recurso

PUT - Atualizar um recurso

STATUS CODE:

STATUS CODE

200 - OK

301 - Moved Permanently

404 - Not Found

500 - Internal Server Error

STATUS CODE:

STATUS CODE

2XX - Successful responses

3XX - Redirection messages

4XX - Client error responses

5XX - Server error responses

STATUS CODE



200
OK



100
Continue




500
Internal Server Error

GET

 <http://calculadordeimc.com.br/?peso=44&altura=1.50>

POST



A login form with a dark blue gradient background. At the top center is a circular placeholder for a user profile picture, containing a white silhouette of a person's head and shoulders. Below this are two white input fields. The first field is labeled 'Username' and has a small person icon on the left. The second field is labeled 'Password' and has a small padlock icon on the left. Below the password field, there is a checked checkbox labeled 'Remember me' and a link labeled 'Forgot Password?'. At the bottom center is a dark blue button with the text 'LOGIN' in white.

Username

Password

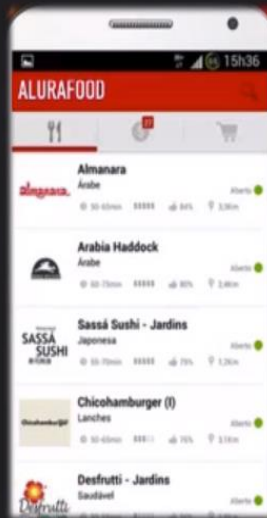
☒ Remember me [Forgot Password?](#)

LOGIN

GET

REQUEST-RESPONSE

APP MOBILE



GET - <http://alurafood.com/api/restaurante>

SERVIDOR



JSON {RESTful API}

```
[
  {
    "nome": "Bob's",
    "avaliacao": 8,
    "endereco": "R. do México 100",
    "logo": "http://alurafoods.com/uploads/logos/bobs.png"
  },
  {
    "nome": "Subway",
    "avaliacao": 8.5,
    "endereco": "Av. Rio Branco 202",
    "logo": "http://alurafoods.com/uploads/logos/subway.png"
  },
  {
    "nome": "Experimenta Lanches",
    "avaliacao": 9,
    "endereco": "R. do Brasil 545",
    "logo": "http://alurafoods.com/uploads/logos/experimenta-lanches."
  }
]
```

JSON {RESTful API}

URI + METHOD

http://alurafood.com/api/restaurante - GET

//PEDE TODOS OS RESTAURANTES

http://alurafood.com/api/restaurante - POST

//ADICIONA UM RESTAURANTE

http://alurafood.com/api/restaurante/1 - PUT/PATCH

//ATUALIZA O RESTAURANTE 1

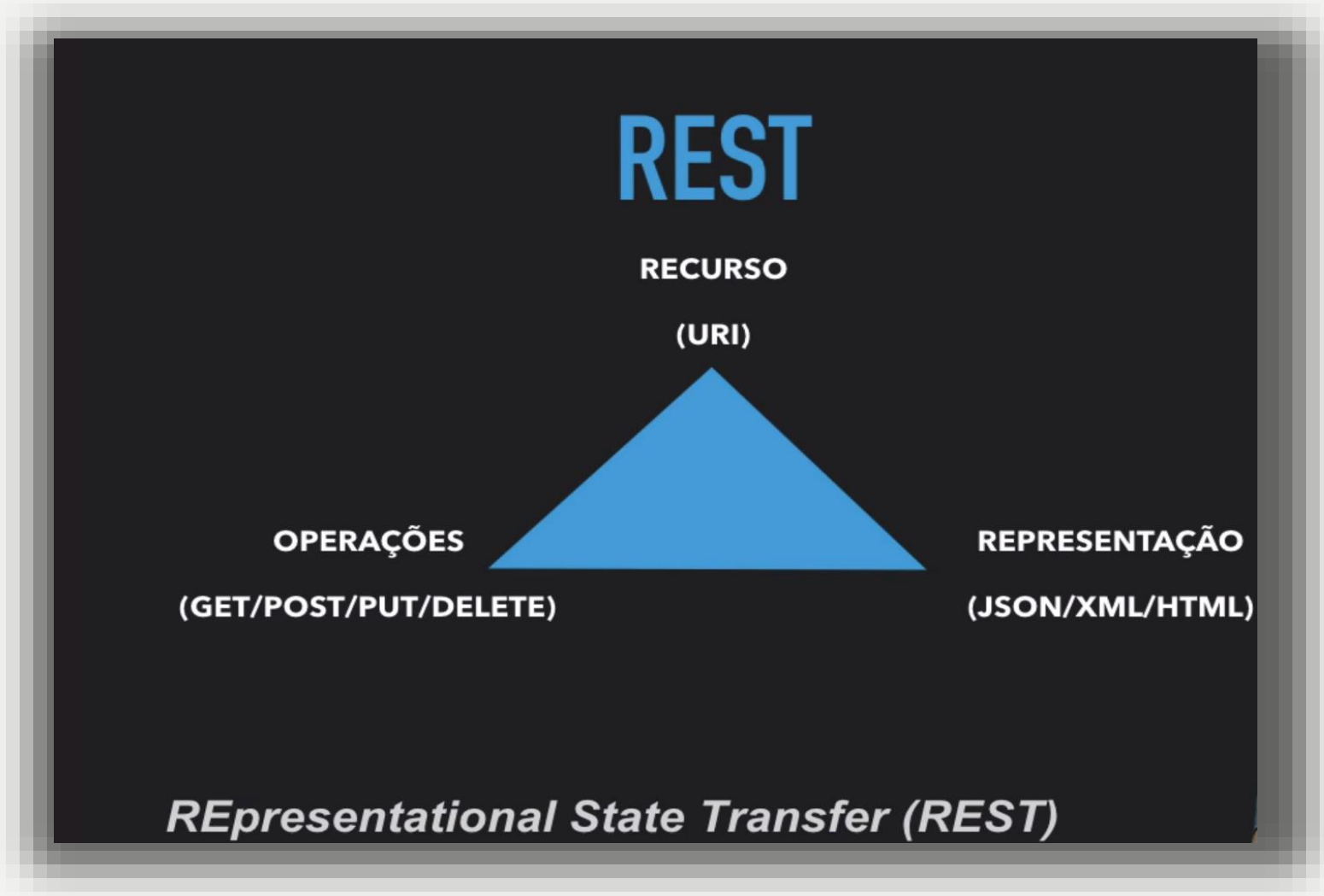
http://alurafood.com/api/restaurante/1 - DELETE

//REMOVE O RESTAURANTE 1

http://alurafood.com/api/restaurante/1/cardapio - GET

//PEDE O CARDAPIO DO RESTAURANTE 1

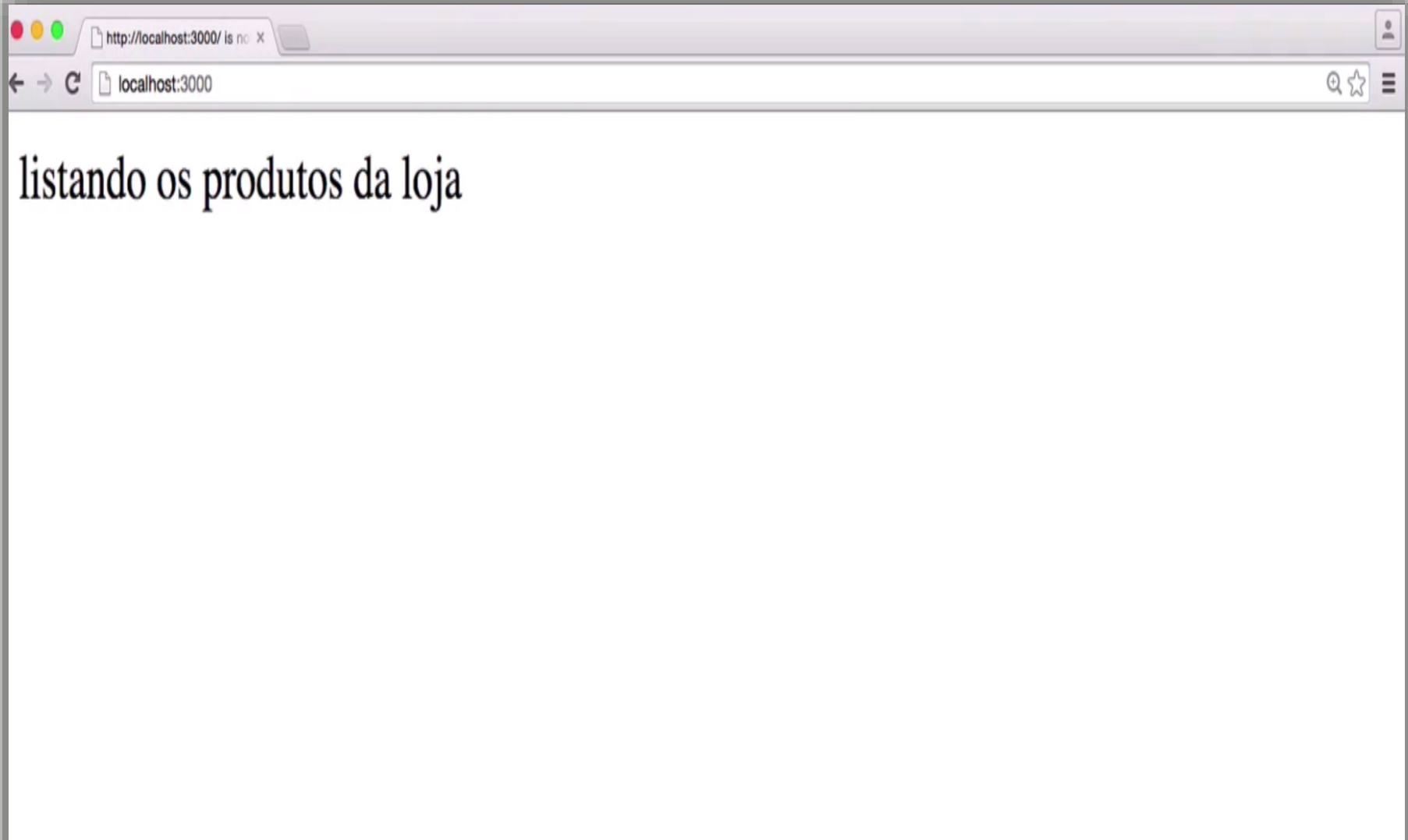
JSON {RESTful API}





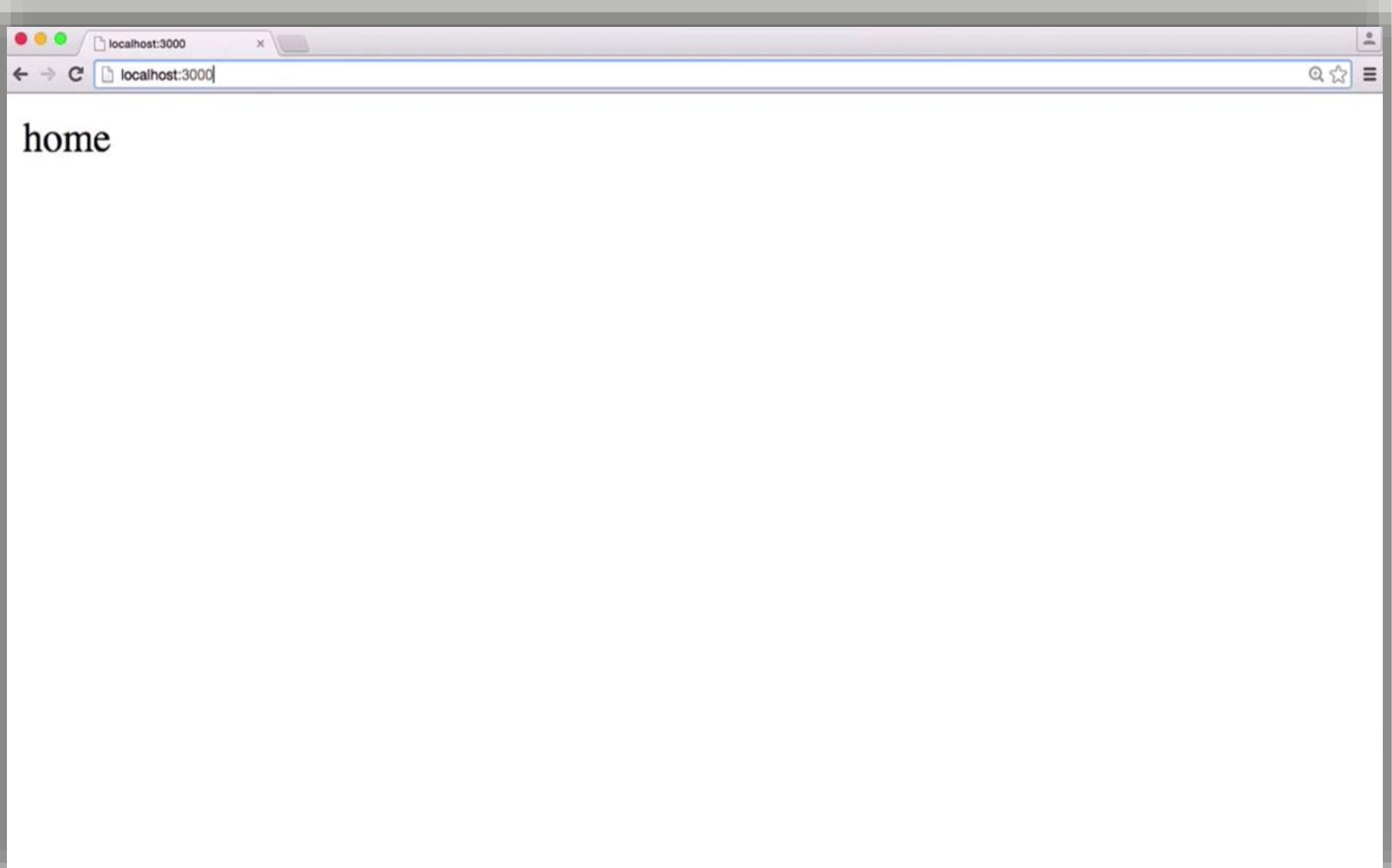


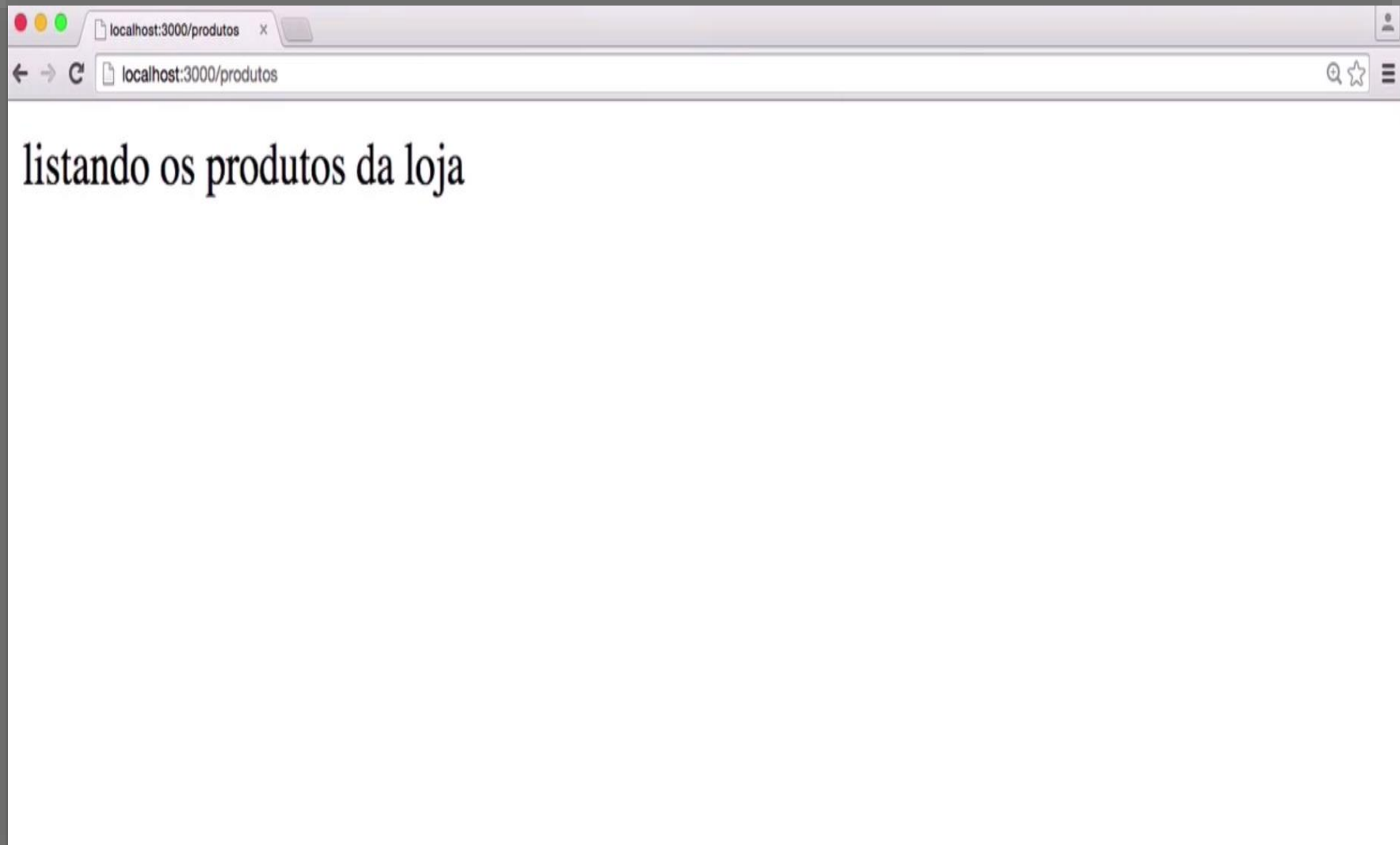
```
produtosWeb.js
1 var http = require('http');
2
3 var server = http.createServer(function(req, res){
4   res.end("<html><body><h1>Listando os produtos</h1></body></html>");
5 });
6 server.listen(3000);
7
8 console.log("servidor ta rodando")
```





```
produtos.js
1  var http = require('http');
2
3  http.createServer(function(request, response){
4      if(request.url == "/produtos"){
5          response.end("<html><body>listando os produtos da loja</body>");
6      } else {
7          response.end("<html><body>home da casa do codigo</body></html>");
8      }
9  }).listen(3000, "localhost");
10
11 console.log("servidor está rodando");
```







```
app.js
1  var express = require('express');
2  var app = express();
3
4  app.get('/produtos', function(req, res){
5      res.send("<html><body><h1>Listagem de produtos</h1></body></ht
6  });
7
8  app.listen(3000, function(){
9      console.log("servidor rodando");
10 });
11
```

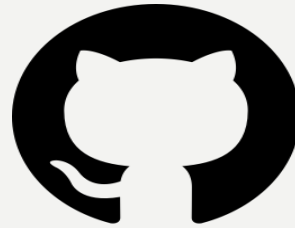


That's All Folks

Vinicius Manguera Correia

VINICIUS MANGUEIRA CORREIA

Desenvolvedor Back-End e Mobile



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Vinicius Mangueira

<https://www.linkedin.com/in/vinicius-mangueira-correia-9b9b8b138/>