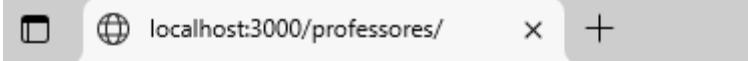


Victor dos Santos Ferreira – 248421

Prints

- Listar todos os professores



A screenshot of a web browser window. The address bar shows 'localhost:3000/professores/'. Below the address bar is a toolbar with icons for back, forward, and search. A status bar at the bottom says 'Estilos de formatação' with a checked checkbox.

```
[{"id": "1", "nome": "Prof. Carlos", "idade": 40, "departamento": "Matemática", "turmas": [{"codigo": "9A", "disciplina": "MAT101", "alunos": ["João", "Maria", "Pedro"]}, {"codigo": "10A", "disciplina": "MAT201", "alunos": ["Ana", "Luiz"]}]}], [{"id": "2", "nome": "Prof. Ana", "idade": 35, "departamento": "História", "turmas": [{"codigo": "9A", "disciplina": "HIS101", "alunos": ["João", "Pedro"]}]}]
```

- Buscar um professor por ID



A screenshot of a web browser window. The address bar shows the URL `localhost:3000/professores/1`. Below the address bar, there is a toolbar with icons for back, forward, and search. The main content area displays a JSON object representing a professor:

```
{  
  "id": "1",  
  "nome": "Prof. Carlos",  
  "idade": 40,  
  "departamento": "Matemática",  
  "turmas": [  
    {  
      "codigo": "9A",  
      "disciplina": "MAT101",  
      "alunos": [  
        "João",  
        "Maria",  
        "Pedro"  
      ]  
    },  
    {  
      "codigo": "10A",  
      "disciplina": "MAT201",  
      "alunos": [  
        "Ana",  
        "Luiz"  
      ]  
    }  
  ]  
}
```

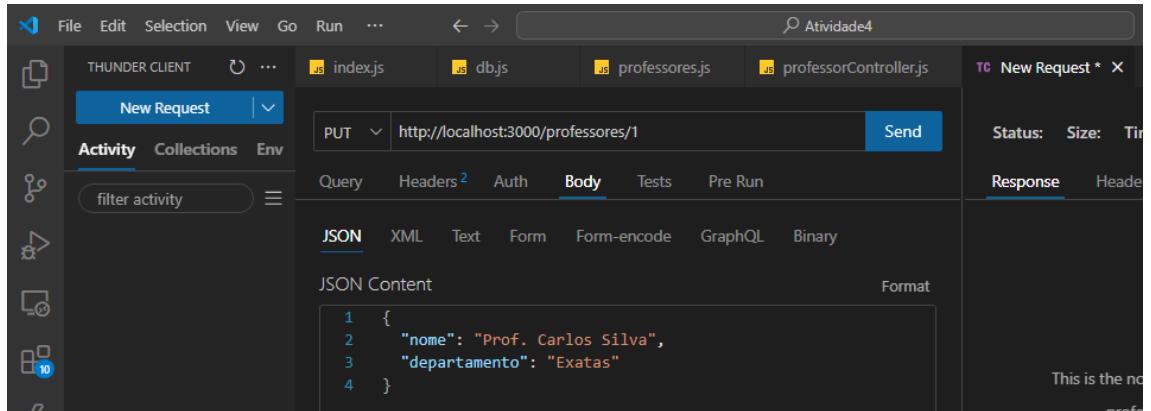
- Listar todas as turmas de um professor



A screenshot of a web browser window. The address bar shows the URL `localhost:3000/professores/1/turmas`. Below the address bar, there is a toolbar with icons for back, forward, and search. A dropdown menu labeled "Estilos de formatação" with a checked checkbox is visible. The main content area displays the following JSON data:

```
[  
  {  
    "codigo": "9A",  
    "disciplina": "MAT101",  
    "alunos": [  
      "João",  
      "Maria",  
      "Pedro"  
    ]  
  },  
  {  
    "codigo": "10A",  
    "disciplina": "MAT201",  
    "alunos": [  
      "Ana",  
      "Luiz"  
    ]  
  }]  
]
```

- Atualizar dados de um professor



The screenshot shows the Thunder Client interface. In the main panel, a PUT request is being made to `http://localhost:3000/professores/1`. The request body contains the following JSON:

```

1  {
2    "nome": "Prof. Carlos Silva",
3    "departamento": "Exatas"
4  }

```

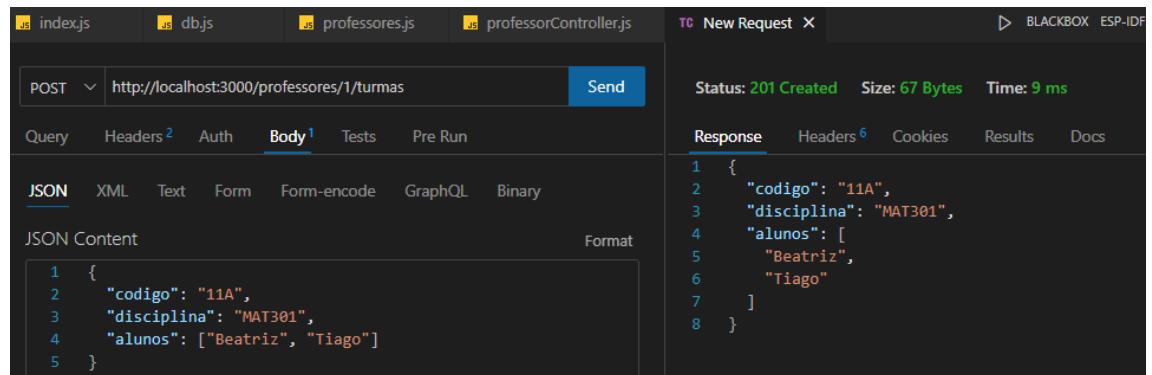
In the bottom right corner of the main panel, there is a message: "This is the new professor".

New Request X ▶ BLACKBOX ES

Status: 200 OK Size: 220 Bytes Time: 31 ms

Response	Headers 6	Cookies	Results	Docs
<pre> 1 { 2 "id": "1", 3 "nome": "Prof. Carlos Silva", 4 "idade": 40, 5 "departamento": "Exatas", 6 "turmas": [7 { 8 "codigo": "9A", 9 "disciplina": "MAT101", 10 "alunos": [11 "João", 12 "Maria", 13 "Pedro" 14] 15 }, 16 { 17 "codigo": "10A", 18 "disciplina": "MAT201", 19 "alunos": [20 "Ana", 21 "Luiz" 22] 23 } 24] 25 }</pre>				

- Adicionar uma turma para um professor



The screenshot shows a POST request to `http://localhost:3000/professores/1/turmas`. The request body is a JSON object representing a class:

```

1  {
2    "codigo": "11A",
3    "disciplina": "MAT301",
4    "alunos": [
5      "Beatriz",
6      "Tiago"
7    ]
8  }

```

The response status is 201 Created, size is 67 Bytes, and time is 9 ms. The response body is identical to the request body.

- Listar professores por departamento



The screenshot shows a browser window displaying the JSON response for professors in the Matemática department:

```

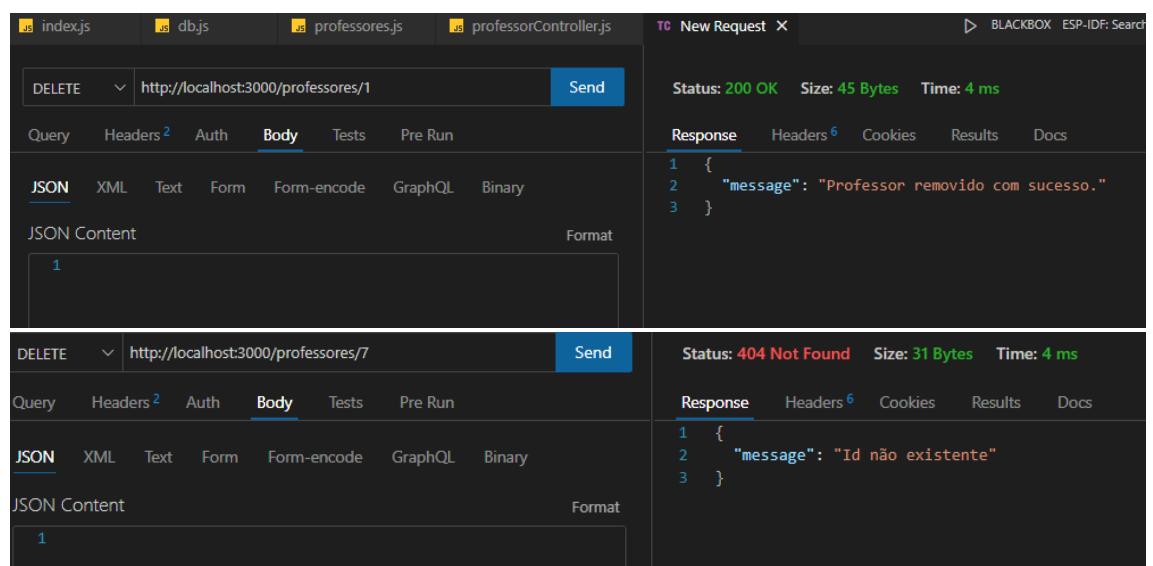
[ {
  "id": "1",
  "nome": "Prof. Carlos",
  "idade": 40,
  "departamento": "Matemática",
  "turmas": [
    {
      "codigo": "9A",
      "disciplina": "MAT101",
      "alunos": [
        "João",
        "Maria",
        "Pedro"
      ]
    },
    {
      "codigo": "10A",
      "disciplina": "MAT201",
      "alunos": [
        "Ana",
        "Luiz"
      ]
    },
    {
      "codigo": "11A",
      "disciplina": "MAT301",
      "alunos": [
        "Beatriz",
        "Tiago"
      ]
    }
  ]
}

```



```
[{"id": "2", "nome": "Prof. Ana", "idade": 35, "departamento": "História", "turmas": [{"codigo": "9A", "disciplina": "HIS101", "alunos": ["Jo\u00e3o", "Pedro"]}, {"codigo": "10B", "disciplina": "HIS201", "alunos": ["Maria", "Carlos", "Luiza"]}]}]
```

- Remover um professor



DELETE Send

Status: 200 OK Size: 45 Bytes Time: 4 ms

Response Headers Cookies Results Docs

```
1 {
2   "message": "Professor removido com sucesso."
3 }
```

DELETE Send

Status: 404 Not Found Size: 31 Bytes Time: 4 ms

Response Headers Cookies Results Docs

```
1 {
2   "message": "Id n\u00e3o existente"
3 }
```