

Aulas SENAC

Desenvolvimento Web para Adolescentes

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Back end – API Postman

O que é e por que usá-lo

- Postman é uma ferramenta utilizada para testar APIs (interfaces de programação de aplicativos).
- Tem importante função em desenvolvimento e depuração de aplicações, facilita o envio de requisições HTTP sem a necessidade de criar código imediatamente.



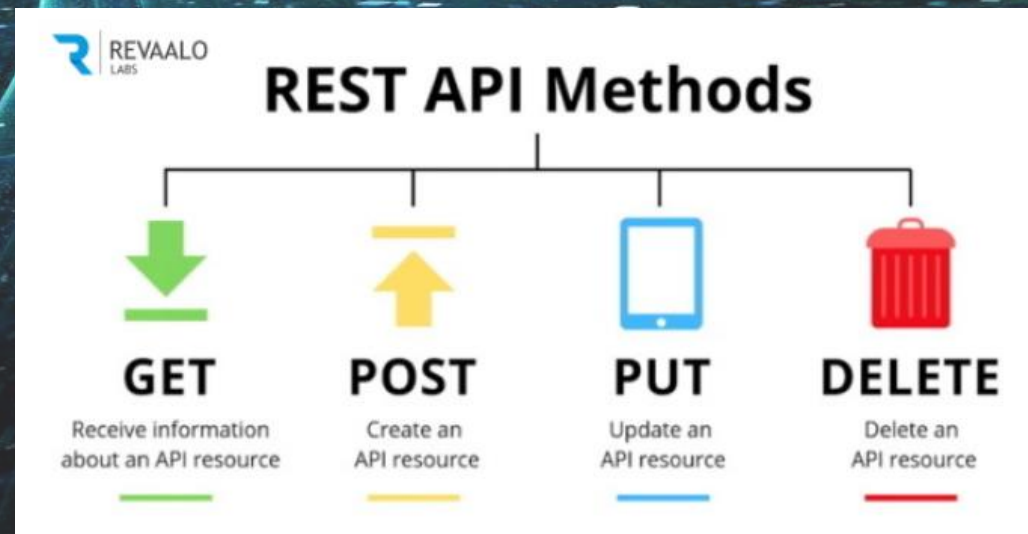
POSTMAN

Conceitos básicos de APIs e métodos HTTP

- GET: Para buscar dados.
- POST: Para enviar dados.
- PUT/PATCH: Para atualizar dados.
- DELETE: Para remover dados.



POSTMAN



Interface Postman

The screenshot displays the Postman interface with the following components:

- Top Bar:** Includes navigation links (Home, Workspaces, API Network), a search bar, and utility buttons (Invite, Upgrade).
- Left Sidebar:** Shows 'My Workspace' with a list of collections and environments. The selected collection is '24.12.01-API-Recados', and the specific request is 'GET List_recados'.
- Main Panel:** Displays the details of the selected request.
 - Request:** Method is GET, URL is `http://localhost:8000/api/recados`.
 - Params:** A table for query parameters is shown with columns: Key, Value, and Description.
 - Body:** The response body is displayed in 'Pretty' JSON format, showing a successful 200 OK status with a 2.32s response time and 1.17 KB of data.
- Bottom Bar:** Contains status indicators (Online, Console) and a row of tool buttons (Postbot, Runner, Capture requests, Auto-select agent, Cookies, Vault, Trash).



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Interface Postman – Config Requisições

The screenshot displays the Postman web interface. At the top, there's a search bar labeled 'Search Postman' and navigation buttons for 'Invite', settings, notifications, a profile icon, and an 'Upgrade' button. Below this, a tab bar shows 'Overview', 'POST add_recados', and the active 'GET List_recados' tab. To the right of the tabs, it indicates 'No environment' and provides icons for saving, sharing, and viewing documentation. The main area shows the request configuration for '24.12.01-API-Recados / List_recados'. The method is set to 'GET' and the URL is 'http://localhost:8000/api/recados'. A 'Send' button is prominently displayed. Below the URL bar, tabs for 'Params', 'Authorization', 'Headers (7)', 'Body', 'Scripts', and 'Settings' are visible, with 'Params' being the active tab. Under 'Params', the 'Query Params' section is expanded, showing a table with columns for 'Key', 'Value', and 'Description'. The table contains one row with placeholder text. A 'Bulk Edit' option is available for the table. On the right side of the interface, there are icons for saving, sharing, viewing documentation, and a sidebar toggle.

Search Postman

Invite

Upgrade

Overview

POST add_recados

GET List_recados

No environment

24.12.01-API-Recados / List_recados

Save

Share

GET

http://localhost:8000/api/recados

Send

Params

Authorization

Headers (7)

Body

Scripts

Settings

Cookies

Query Params

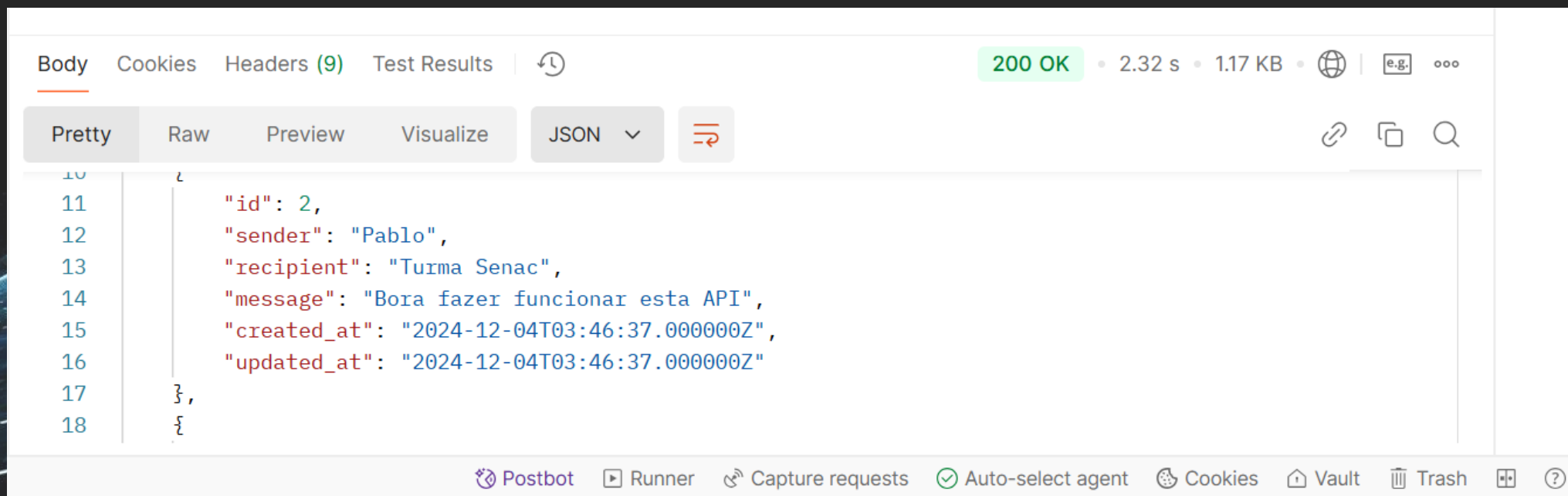
Key	Value	Description	Bulk Edit
Key	Value	Description	



POSTMAN



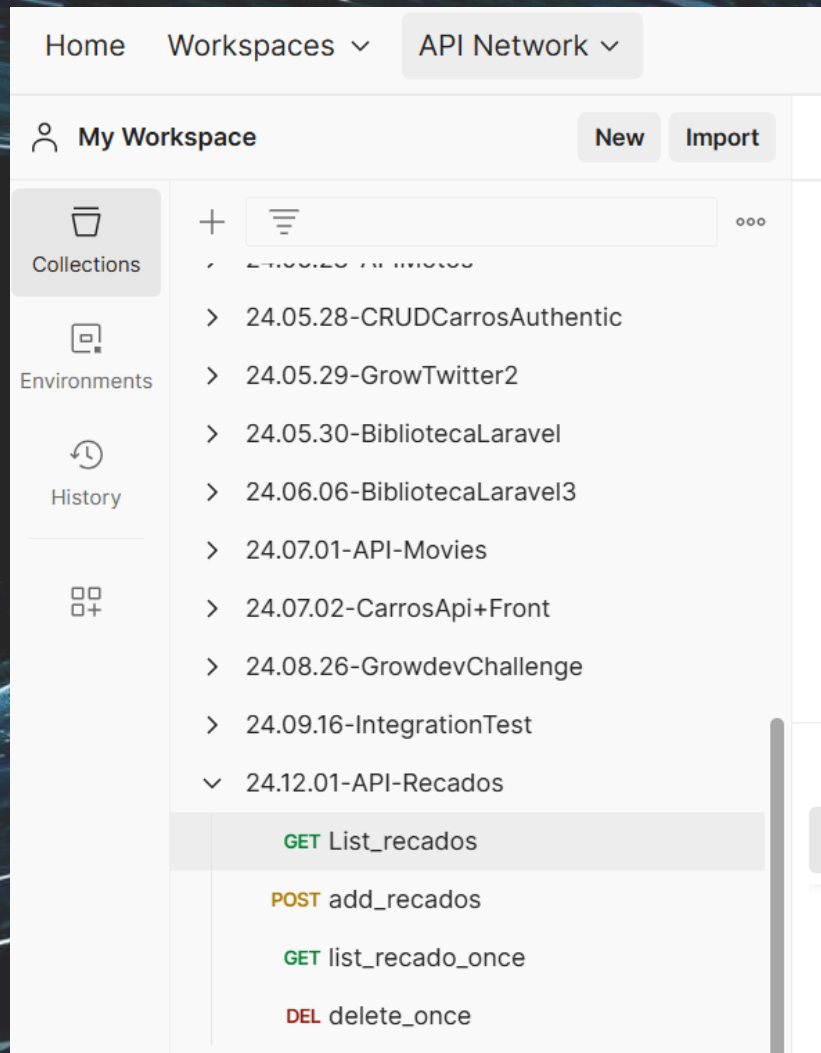
Interface Postman – Resposta Requisições



POSTMAN



Interface Postman – Organiza Requisições



POSTMAN



Interface Postman – GET

The screenshot displays the Postman web interface. At the top, there is a search bar labeled "Search Postman" and a navigation bar with buttons for "Invite", settings, notifications, a profile icon, and an "Upgrade" button. Below this, the interface shows a list of requests with tabs for "Overview", "POST add_recados", and "GET List_recados". The "GET List_recados" tab is selected. The request details show a GET method and the URL "http://localhost:8000/api/recados". To the right of the URL are "Save" and "Share" buttons, and a large blue "Send" button. Below the URL bar, there are tabs for "Params", "Authorization", "Headers (7)", "Body", "Scripts", and "Settings". The "Params" tab is active, showing a table for "Query Params". The table has columns for "Key", "Value", and "Description". Below the table, there are tabs for "Body", "Cookies", "Headers (9)", "Test Results", and a refresh icon. At the bottom, the response status is "200 OK" with a time of "2.32 s" and a size of "1.17 KB". There are also icons for a globe, a code editor, and a search icon. The bottom of the interface has tabs for "Pretty", "Raw", "Preview", "Visualize", and "JSON".

Search Postman

Invite

Upgrade

Overview

POST add_recados

GET List_recados

24.12.01-API-Recados / List_recados

GET

http://localhost:8000/api/recados

Send

Save

Share

Params

Authorization

Headers (7)

Body

Scripts

Settings

Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body

Cookies

Headers (9)

Test Results

200 OK

2.32 s

1.17 KB

Pretty

Raw

Preview

Visualize

JSON



POSTMAN



Interface Postman – POST

The screenshot displays the Postman interface for a POST request. The top bar shows the URL `http://localhost:8000/api/recados` and the method `POST`. The request body is a JSON object:

```
1 {
2   "sender": "Pablo",
3   "recipient": "Alunos",
4   "message": "Será que a confraternização será legal?"
5 }
```

The response is shown at the bottom, indicating a `200 OK` status with a response time of `2.41 s` and a size of `526 B`. The response body is a JSON object:

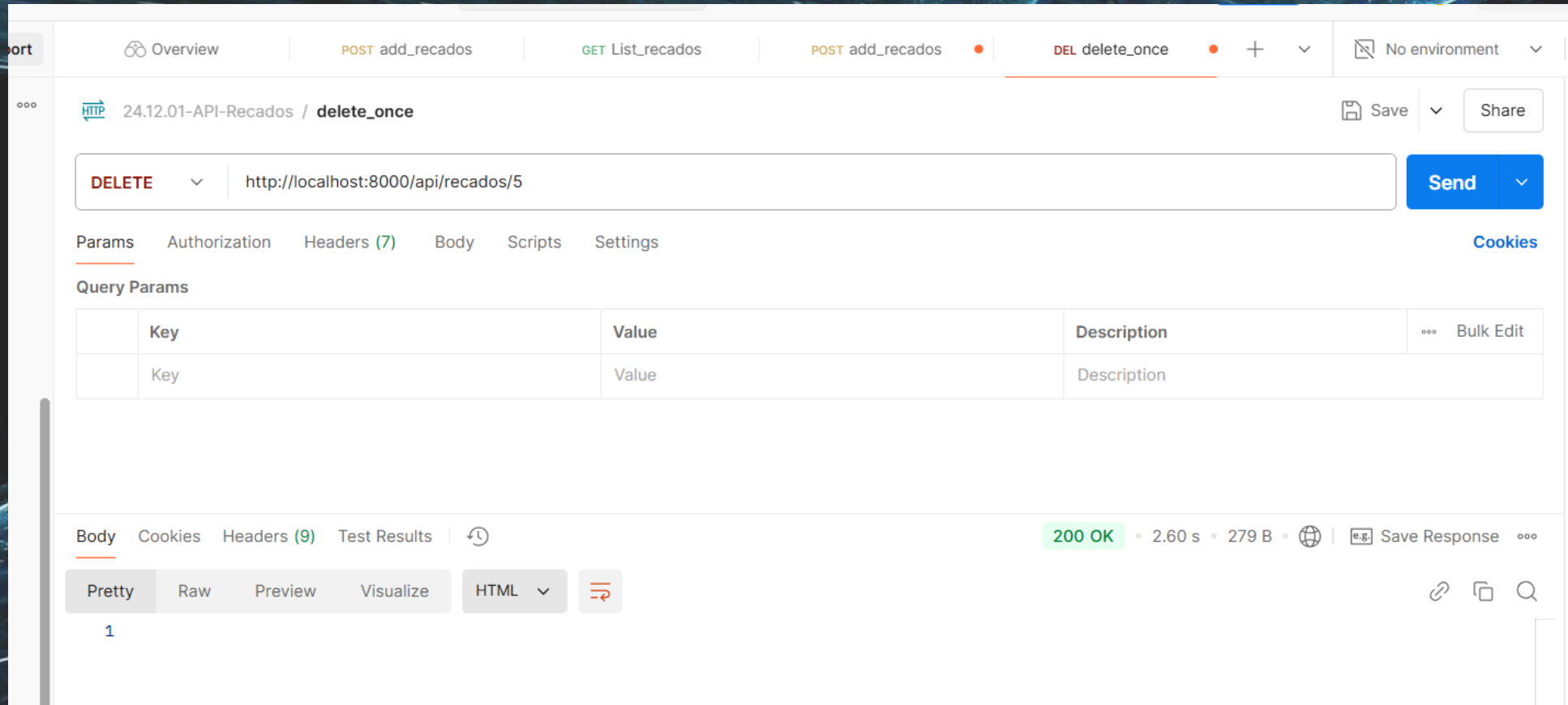
```
1 {
2   "success": true,
3   "msg": "Recado cadastrado!",
4   "data": {
5     "sender": "Pablo",
6     "recipient": "Alunos",
7     "message": "Será que a confraternização será legal?",
8     "updated_at": "2024-12-04T12:47:33.000000Z",
9     "created_at": "2024-12-04T12:47:33.000000Z",
10    "id": 6
11  }
12 }
```



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Interface Postman – Delete



The screenshot displays the Postman interface for configuring a DELETE request. The top bar shows the request method as **DELETE** and the URL as `http://localhost:8000/api/recados/5`. The interface includes tabs for Params, Authorization, Headers (7), Body, Scripts, and Settings. The Params tab is active, showing a table for Query Params. The response status is **200 OK**, with a response time of 2.60 s and a size of 279 B. The response is displayed in the Body tab, showing the number 1.

Overview | POST add_recados | GET List_recados | POST add_recados | **DEL delete_once** | No environment

24.12.01-API-Recados / **delete_once** | Save | Share

DELETE | `http://localhost:8000/api/recados/5` | Send

Params | Authorization | Headers (7) | Body | Scripts | Settings | Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body | Cookies | Headers (9) | Test Results |

200 OK • 2.60 s • 279 B • | Save Response •

Pretty | Raw | Preview | Visualize | HTML |

1



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OBRIGADO

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