



Fundamentos da Web e HTML Essencial

🌐 O que é a Web?

A Web é uma rede de documentos interconectados acessados via navegador. Funciona com base no protocolo HTTP.

Navegador (cliente) ↔ Servidor web

🔄 O que é HTTP?

HTTP (HyperText Transfer Protocol) é o protocolo usado para troca de dados entre cliente e servidor.

Requisição HTTP → cliente pede algo (GET, POST...)

Resposta HTTP → servidor responde com conteúdo e status

Toda a Requisição HTTP tem:



http://localhost:8000/clients/6



Save



GET



http://localhost:8000/clients/6

Send



Params Authorization Headers Body ● Scripts Tests Settings

Cookies

Headers

	Key	Value	Description	⋮	Bulk Edit	Presets ▾
	Key	Value	Description			

- Método da Requisição = GET
- URL
- Headers



Response



History



Exemplo de HTTP HEADERS (cabeçalho)

HTTP New Collection / New Request

Save Share

GET

https://starwars-databank-server.vercel.app/api/v1/characters

Send

Params Authorization Headers (7) Body Scripts Tests Settings Cookies

<input checked="" type="checkbox"/>	Cache-Control		no-cache
<input checked="" type="checkbox"/>	Postman-Token		<calculated when request is sent>
<input checked="" type="checkbox"/>	Host		<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent		PostmanRuntime/7.43.4
<input checked="" type="checkbox"/>	Accept		*/*
<input checked="" type="checkbox"/>	Accept-Encoding		gzip, deflate, br
<input checked="" type="checkbox"/>	Connection		keep-alive

Headers Preview Response Initiator Timing

General

Request URLhttp://www.youtube.com.br/

Request MethodGET

Status Code307 Internal Redirect (from disk cache)

Referrer Policystrict-origin-when-cross-origin

Response HeadersRaw

Cross-Origin-Resource-PolicyCross-Origin

Locationhttps://www.youtube.com.br/

Non-Authoritative-ReasonDNS

Request HeadersRaw

Response History

Requisição HTTP tem (opcional):



http://localhost:8000/clients/6



Save



GET



http://localhost:8000/clients/6

Send



Params Authorization Headers Body ● Scripts Tests Settings

Cookies

Headers

	Key	Value	Description	...	Bulk Edit	Presets	...
	Key	Value	Description				

Response



History



@fpftech.educacional

Exemplo de BODY

ATCH ▼ http://localhost:8000/clients/5/

Params

Body



Auth

Headers

4

Scripts

Docs

JSON ▼

```
1 ▼ {  
2     "name": "Augustinho Fernandez",  
3     "age": 38,  
4     "rg": "456789112-1",  
5     "cpf": "568590987-65"  
6 }
```

Exemplo de AUTHORIZATION

GET <https://openmetadatas-database.positivetechnologia.com.br/api/v1/tables/nam>

Params Body ☒ Auth ☒ Headers 4 Scripts Docs

Bearer Token ▼

ENABLED ☒

TOKEN eyJraWQiOiI4ZmEyMmQxNC01Y2U1LTQzZWUtOWMzOS1jNzUwZTI0ZDZiMDYiLC.

PREFIX Bearer

GET <http://localhost:8000/sales/>


Params Body Auth ☒ Headers 3 Scripts Docs

Basic ▼



ENABLED ☒

USERNAME

PASSWORD


USE ISO 8859-1  ☐


Exemplo de PARAMS (query_parameters)



GET  http://localhost:8000/clients/5/ Send 













Params 3 Body ● Auth Headers 4 Scripts Docs

URL PREVIEW

http://localhost:8000/clients/5/?limit=2&offset=3&name=Rodrigo 

QUERY PARAMETERS Import from URL  Bulk Edit

+ Add  Delete all  Description

 limit	2			
 offset	3			
 name	Rodrigo			

Códigos de Status HTTP

Código	Significado	Exemplo
200	OK	Requisição bem-sucedida
201	Created	POST criou com sucesso
404	Not Found	Página não encontrada
403	Forbidden	Usuário não autorizado
500	Internal Server Error	Erro no servidor
503	Service Unavailable	Servidor indisponível

☐ Métodos HTTP

GET – busca dados (ex: carregar uma página)

POST – envia dados (ex: enviar formulário)

PUT – atualiza (enviar o que quer alterar na body)

DELETE – remove

🔧 Ferramentas para analisar a Web

DevTools (F12): inspecionar elementos, ver estrutura, console JS, rede.

Postman/Insomnia: testar APIs simulando requisições.

Estrutura HTML Básica

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8" />
```

```
<title>Minha Página</title>
```

```
</head>
```

```
<body>
```

```
<h1 id="h1_hello">Olá, mundo!</h1>
```

```
<p>Essa é minha primeira página HTML.</p>
```

```
<a href="https://www.google.com/">Clique nesse link</a> </body>
```

```
</html>
```

Partes do BODY

HTML Examples

- [HTML Examples](#)
- [HTML Editor](#)
- [HTML Quiz](#)
- [HTML Exercises](#)
- [HTML Website](#)
- [HTML Syllabus](#)
- [HTML Study Plan](#)
- [HTML Interview Prep](#)
- [HTML Bootcamp](#)
- [HTML Certificate](#)
- [HTML Summary](#)
- [HTML Accessibility](#)

HTML References

- [HTML Tag List](#)
- [HTML Attributes](#)
- [HTML Global Attributes](#)
- [HTML Browser Support](#)
- [HTML Events](#)
- [HTML Colors](#)
- [HTML Canvas](#)

HTML Tables

[< Previous](#)[Next >](#)

Track your progress - it's free!

[Sign Up](#)[Log in](#)

Top Tutorials

- [HTML Tutorial](#)
- [CSS Tutorial](#)
- [JavaScript Tutorial](#)
- [How To Tutorial](#)
- [SQL Tutorial](#)

Top References

- [HTML Reference](#)
- [CSS Reference](#)
- [JavaScript Reference](#)
- [SQL Reference](#)
- [Python Reference](#)

Top Examples

- [HTML Examples](#)
- [CSS Examples](#)
- [JavaScript Examples](#)
- [How To Examples](#)
- [SQL Examples](#)

Get Certified

- [HTML Certificate](#)
- [CSS Certificate](#)
- [JavaScript Certificate](#)
- [Front End Certificate](#)
- [SQL Certificate](#)

Partes do BODY



W3schools

Tutorials Exercises Certificates Services

Search...

HTML CSS JAVASCRIPT SQL PYTHON JAVA PHP HOW TO W3.CSS JAVASCRIPT JQUERY EXCEL XML DJANGO NUMPY PANDAS NODEJS DS

HTML Examples

HTML Editor

HTML Quiz

HTML Exercises

HTML Website

HTML Syllabus

HTML Study Plan

HTML Interview Prep

HTML Bootcamp

HTML Certificate

HTML Summary

HTML Accessibility

HTML References

HTML Tag List

HTML Attributes

HTML Global Attributes

HTML Browser Support

HTML Events

HTML Colors

HTML Canvas

header

HTML Tables

main

Previous

Next

Track your progress - it's free!

Sign Up Log in

W3schools

PLUS SPACES GET CERTIFIED FOR TEACHERS FOR BUSINESS CONTACT US

Top Tutorials

HTML Tutorial

CSS Tutorial

JavaScript Tutorial

How To Tutorial

SQL Tutorial

Top References

HTML Reference

CSS Reference

JavaScript Reference

SQL Reference

Python Reference

Get Certified

HTML Certificate

CSS Certificate

JavaScript Certificate

Front End Certificate

SQL Certificate

Obrigado!



    @fpftech.educacional