

The image shows a screenshot of the Visual Studio Code (VS Code) editor interface. The main editor window displays a JavaScript file named `index.js` with the following code:

```
1 const http = require('http')
2 const fs = require('fs')
3
4 const fetchPokedexData = async () => {
5   return new Promise((resolve, reject) => {
6     fs.readFile('./pokedex.json', 'utf-8', (err, data) => {
7       if(err) {
8         reject(err)
9       }else{
10        resolve(JSON.parse(data));
11      }
12    });
13  });
14 };
15
16 const handleRequest = async( req, res ) => {
17   const pokedexData = await fetchPokedexData()
18   const pokeName = decodeURI(req.url.substring(1))
19
20   const pokeData = pokedexData.find(
21     pokemon => pokemon.name.english === pokeName || pokemon.id === parseInt(pokeName) || pokemon.name.japanese === pokeName ||
22     pokemon.name.chinese === pokeName || pokemon.name.french === pokeName
23   )
24
25   if (pokeData) {
26     const response = {
27       'Name': pokeData.name.english,
28       'Type': pokeData.type,
29       'Base': pokeData.base
30     }
31
32     res.writeHead(200, {'Content-Type': 'application/json'})
33     res.end(JSON.stringify(response, null, 4))
34   }else{
```

The interface includes a sidebar on the left with sections for "RAPIDAPI CLIENT", "Sessions (Default Session)", "Environments (1)", "Requests", and "Sign-in to sync projects". The bottom of the editor shows a "TERMINAL" tab with the command prompt "Node.js v20.11.0 PS C:\Users\rxavier\...". The status bar at the very bottom indicates "Ln 32, Col 65" and "Spaces: 4 UTF-8 CRLF {} JavaScript Go Live".

File

Edit

Selection

View

Go

Run

Terminal

Help

Backend

index.js

Testeo

Request 3

RAPIDAPI CLIENT

Project

Default (local)

Sessions (Default Session)

Default Session

Environments (1)

Default Group

Production

Requests

New Request

GET https://echo.paw.cloud

Testeo

GET /キャタピー

Request 3

GET /キャタピー

Sign-in to sync projects

Hide

Give feedback

index.js

handleRequest

```
16 const handleRequest = async( req, res ) => {
17   const pokedexData = await fetchPokeDexData()
18   const pokeName = decodeURI(req.url.substring(1))
19
20   const pokeData = pokedexData.find(
21     pokemon => pokemon.name.english === pokeName || pokemon.id === parseInt(pokeName) || pokemon.name.japanese === pokeName ||
22     pokemon.name.chinese === pokeName || pokemon.name.french === pokeName
23   )
24
25
26   if (pokeData) {
27     const response = {
28       'Name': pokeData.name.english,
29       'Type': pokeData.type,
30       'Base': pokeData.base
31     }
32     res.writeHead(200, {'Content-Type': 'application/json'})
33     res.end(JSON.stringify(response, null, 4))
34   }else{
35     res.writeHead(404, {'Content-Type': 'text/plain'});
36     res.end('Pokémon no encontrado');
37   }
38
39   server.listen(3000, () => {
40     console.log('Servidor iniciado en el puerto 3000');
41   });
42
43 };
44
45 const server = http.createServer(handleRequest)
46 server.listen(3000, () => {
47   console.log('Escuchando el 3000')
48 })
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

COMMENTS

powershell - tarea01

Node.js v20.11.0

PS C:\Users\rxavier\Personal\Master\Backend\tarea01>

Ln 32, Col 65

Spaces: 4

UTF-8

CRLF

JavaScript

Go Live

File

Edit

Selection

View

Go

Run

Terminal

Help

Backend

Project

Default (local)

Sessions (Default Session)

Default Session

Environments (1)

Default Group

Production

Requests

New Request

GET https://echo.paw.cloud

Testeo

GET /キャタピー

Request 3

GET /キャタピー

index.js

Request 3

GET

http://localhost:3000/キャタピー

Send

Description

Headers

Query

Body

Auth

Options

Name

Request 3

Description

B I 66 </> ☰ ☷ 🔍

Request snippet

JavaScript

XMLHttpRequest

</>

JSON to

JavaScript

TypeScript

200 OK · 16 ms

Info

Request

Response

Headers

Text

JSON Tree

JSON Text

Raw

1 {

2 "Name": "Caterpie",

3 "Type": [

4 "Bug"

5],

6 "Base": {

7 "HP": 45,

8 "Attack": 30,

9 "Defense": 35,

10 "Sp. Attack": 20,

11 "Sp. Defense": 20,

12 "Speed": 45

13 }

14 }

Filter expression...

JsonPath expressions e.g. \$.store.book[0].title

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

COMMENTS

node - tarea01

update

0 0 0

Git Graph

Go Live

```
Node.js v20.11.0
PS C:\Users\rxavier\OneDrive\Desktop\Master\Backend\tarea01> node index.js
Escuchando el 3000

```

- Líneas 4-14:
Leer el archivo- he descargado el archivo al envés de hacer la petición directo.
- Líneas 16-18:
Crie una función asíncrona para leer los datos
- Línea 20-22:
Buscar el nombre en todas las lenguas disponibles o id
- Línea 20-22:
Si existe el nombre o id retorna el nombre en inglés, tipo y base sino retorna error

En la dispositiva 3 si puede mirar la búsqueda.