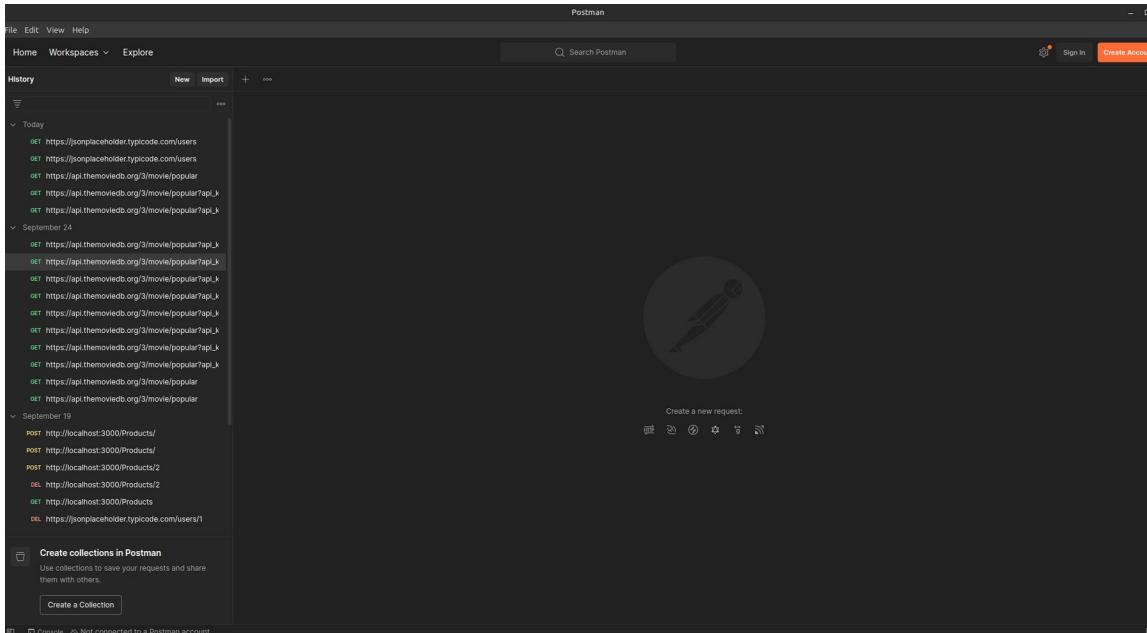


Practica de Postman Guiada



4.5.1 Paso 1: Instalar Postman

1. Ve a la página oficial de Postman y descarga la versión correspondiente a tu sistema operativo.
2. Instala la aplicación y ábrela.

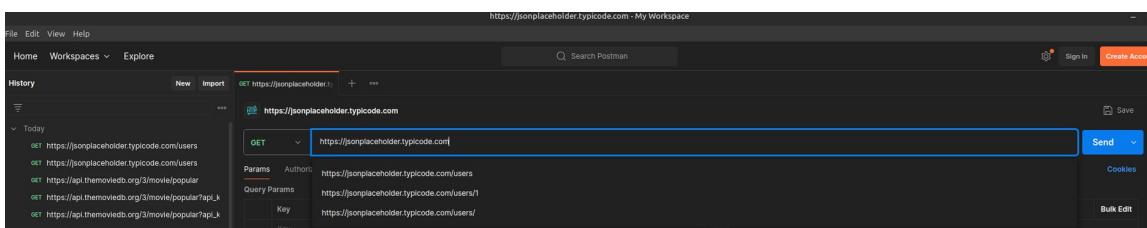


4.5.2 Paso 2: Elegir una API Pública

Para esta práctica utilizaremos la API pública de JSONPlaceholder, un servicio que simula una API REST con datos ficticios.

URL base de la API:

<https://jsonplaceholder.typicode.com>



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4.5.3 Paso 3: Realizar una Solicitud GET

1. En Postman, haz clic en el botón New y selecciona Request.

2. Dale un nombre a tu solicitud, por ejemplo: Get Users.

3. En el campo de URL, ingresa la siguiente dirección:

<https://jsonplaceholder.typicode.com/users>

4. Asegúrate de que el método seleccionado sea GET.

5. Haz clic en Send para enviar la solicitud.

The screenshot shows the Postman application window. The left sidebar displays a history of requests, including several GET requests to `https://jsonplaceholder.typicode.com/users`. The main panel shows a single GET request to `https://jsonplaceholder.typicode.com/users`. The 'Body' tab is selected, showing a JSON response. The response body is as follows:

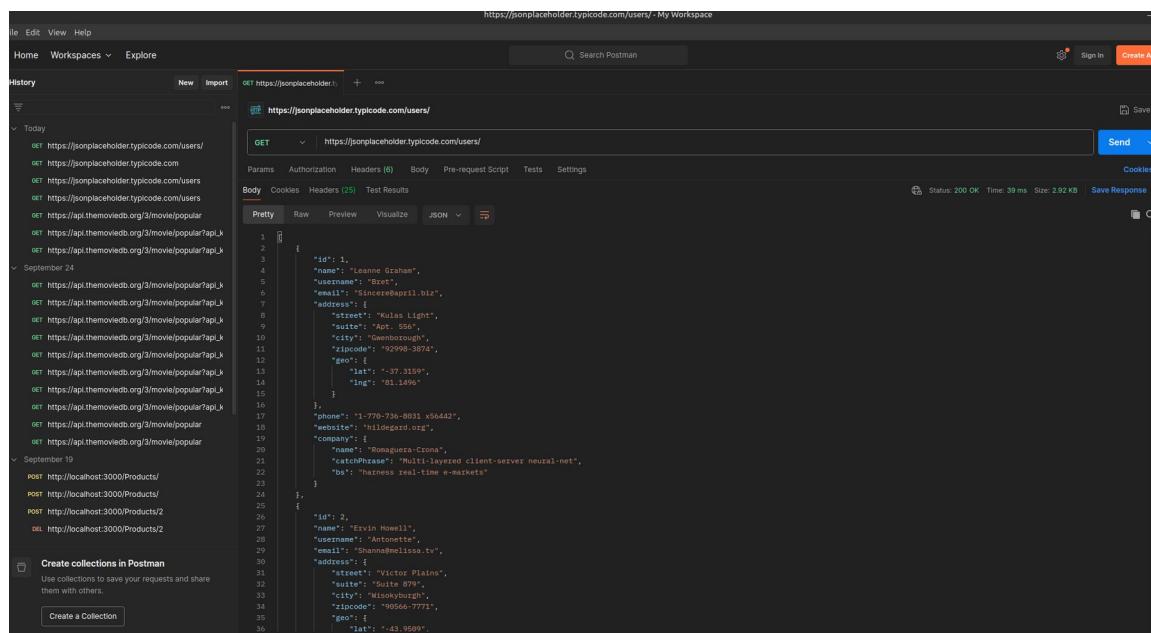
```
15     ],
16   ],
17   "phone": "1-770-736-8031 x56423",
18   "website": "hildegard.org",
19   "company": {
20     "name": "Romaguera-Crona",
21     "catchPhrase": "Multi-layered client-server neural-net",
22     "bs": "harness real-time e-markets"
23   },
24 ],
25   {
26     "id": 2,
27     "name": "Efrain Howell",
28     "username": "Amanette",
29     "email": "Shanah@ellissa.tv",
30     "address": [
31       {
32         "street": "Victor Plains",
33         "suite": "Suite 870",
34         "city": "Wisconsburg",
35         "zipcode": "09566-7771",
36         "geo": [
37           {
38             "lat": "43.9509",
39             "lng": "-74.4680"
40           }
41         ],
42         "phone": "010-692-6593 x09128",
43         "website": "anastasia.net",
44       }
45     ],
46   }
47 ]
```

4.5.4 Paso 4: Analizar la Respuesta

- La API responderá con una lista de usuarios en formato JSON.
- Verás un conjunto de objetos con información sobre usuarios. Por ejemplo:

```
[
  {
    "id": 1,
    "name": "Leanne Graham",
    "username": "Bret",
    "email": "Sincere@april.biz"
  },
  {
    "id": 2,
    "name": "Ervin Howell",
    "username": "Antonette",
    "email": "Shanna@melissa.tv"
  }
]
```

- La API responde con el campo status 200, que indica que la solicitud se procesó correctamente.



The screenshot shows the Postman application interface. At the top, there's a navigation bar with 'File', 'Edit', 'View', 'Help', 'Home', 'Workspaces', and 'Explore'. Below the navigation is a 'History' sidebar with a tree view of recent requests. A main panel displays a 'GET' request to 'https://jsonplaceholder.typicode.com/users/'. The 'Body' tab is selected, showing the JSON response:

```

[{"id": 1, "name": "Leanne Graham", "username": "Bret", "email": "Sincere@april.biz"}, {"id": 2, "name": "Ervin Howell", "username": "Antonette", "email": "Shanna@melissa.tv"}]

```

At the bottom right of the main panel, it says 'Status: 200 OK Time: 39 ms Size: 2.92 KB'. There are also 'Save Response' and 'Create Response' buttons. The bottom left of the interface has a 'Create collections in Postman' section with a 'Create a Collection' button.

4.5.5 Paso 5: Realizar una Solicitud GET para obtener un solo usuario

Para obtener un usuario específico, usa el endpoint /users/{id} reemplazando {id} con el ID del usuario deseado.

Ejemplo: Para obtener el usuario con ID 1:

<https://jsonplaceholder.typicode.com/users/1>

Pasos en Postman:

1. Haz clic en el botón New y selecciona Request.
2. Nombra la solicitud, por ejemplo: Get User by ID.
3. En el campo de URL, ingresa:

<https://jsonplaceholder.typicode.com/users/1>

4. Selecciona el método GET.

5. Haz clic en Send.

The screenshot shows the Postman application interface. The top navigation bar includes File, Edit, View, Help, Home, Workspaces, and a search bar. A sidebar on the left lists recent requests, including various API endpoints from jsonplaceholder.typicode.com and themoviedb.org. The main workspace is titled "https://jsonplaceholder.typicode.com/users/1 - My Workspace". A request card is displayed with the method set to "GET" and the URL "https://jsonplaceholder.typicode.com/users/1". The "Body" tab is selected, showing a JSON response with user details. The response body is as follows:

```
1 {
2     "id": 1,
3     "name": "Leanne Graham",
4     "username": "Bret",
5     "email": "Sincere@april.biz",
6     "address": {
7         "street": "Kulas Light",
8         "suite": "Apt. 556",
9         "city": "Gwenborough",
10        "zipcode": "92998-3874",
11        "geo": {
12            "lat": "-37.3159",
13            "lng": "151.1496"
14        }
15    },
16    "phone": "1-770-736-8033 x56442",
17    "website": "hildegard.org",
18    "company": {
19        "name": "Romaguera-Crona",
20        "catchPhrase": "Multi-layered client-server neural-net",
21        "bs": "hexagon real-time e-markets"
22    }
23 }
```

The status bar at the bottom indicates "Status: 200 OK Time: 99 ms Size: 1.43 KB". A "Send" button is visible on the right side of the request card.

4.5.6 Paso 6: Realizar una Solicitud POST

Para crear un nuevo recurso (usuario):

1. Cambia el método a POST.

2. Usa la URL:

<https://jsonplaceholder.typicode.com/users>

3. En la pestaña Body, selecciona raw y elige JSON.

4. Ingresa este JSON en el cuerpo de la solicitud:

```
{  
  "name": "John Doe",  
  "username": "johndoe",  
  "email": "john@example.com"  
}
```

5. Añade la cabecera:

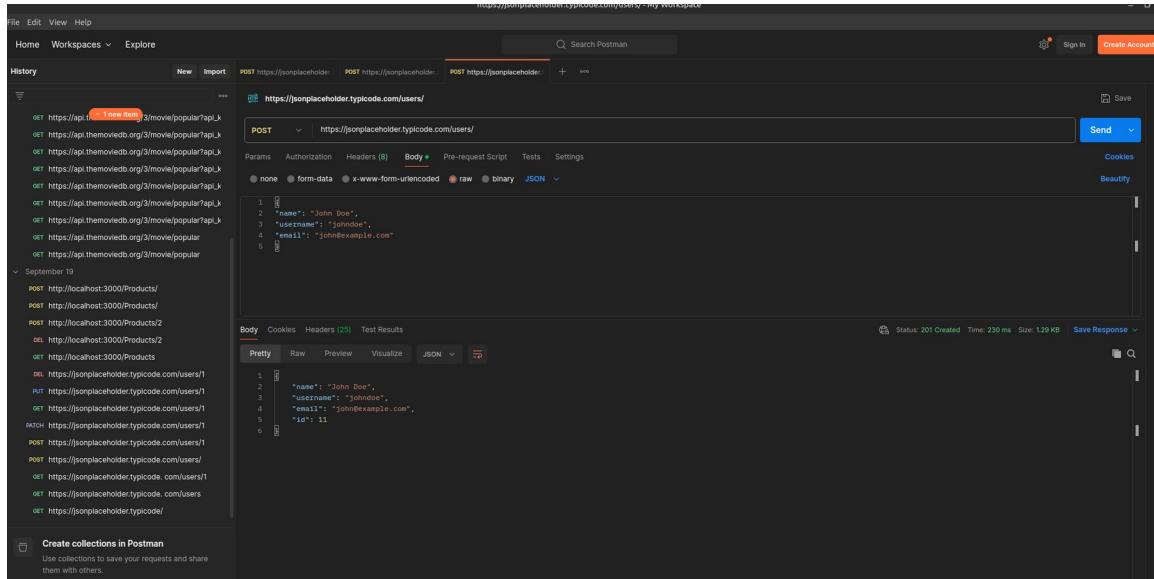
Content-Type: application/json

6. Haz clic en Send.

7. La API devolverá la respuesta con el nuevo usuario creado, similar a:

```
{  
  "id": 11,  
  "name": "John Doe",  
  "username": "johndoe",  
  "email": "john@example.com"  
}
```

8. La API responde con status 201, indicando que el recurso se creó correctamente.



4.5.7 Paso 7: Realizar una Solicitud PATCH

Para actualizar parcialmente un usuario existente:

1. Cambia el método a PATCH.

2. Usa la URL:

<https://jsonplaceholder.typicode.com/users/1>

3. En la pestaña Body, selecciona raw y elige JSON. Ingresa este JSON para actualizar solo el correo:

```
{  
  "email": "newemail@example.com"  
}
```

4. Añade la cabecera:

Content-Type: application/json

5. Haz clic en Send.

6. La API devolverá el usuario actualizado.

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The screenshot shows the Postman application interface. The top navigation bar includes 'Home', 'Workspaces', 'Explore', 'Sign In', and 'Create Account'. The main area displays a 'History' sidebar on the left containing a list of API requests. A central workspace shows a 'PATCH' request to <https://jsonplaceholder.typicode.com/users/1>. The 'Body' tab is selected, showing the following JSON payload:

```
1
2 "email": "newemail@example.com"
3
```

The status bar at the bottom right indicates 'Status: 200 OK'.