

## **Modulo 11: Pruebas de API**

### **Actividad 20: Star Wars**

**Postman: buscando datos en la API de Star Wars**

**Evidencias con captura de pantalla de Postman**

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## Documentos de evidencias de postman por medio de captura de pantallas

### 1. Traer el JSON de people 8

The screenshot shows the Postman interface with a new request set to GET `https://swapi.dev/api/people/8`. The request has been sent, resulting in a 200 OK status. The response body is displayed in JSON format, showing the details for the character R5-D4.

```
1 {
2   "name": "R5-D4",
3   "height": "97",
4   "mass": "32",
5   "hair_color": "n/a",
6   "skin_color": "white, red",
7   "eye_color": "red",
8   "birth_year": "unknown",
9   "gender": "n/a",
10  "homeworld": "https://swapi.dev/api/planets/1/",
11  "films": [
12    "https://swapi.dev/api/films/1/"
13  ],
14  "species": [
15    "https://swapi.dev/api/species/2/"
16  ],
17  "vehicles": [],
18  "starships": [],
19  "created": "2014-12-10T15:57:50.959000Z",
20  "edited": "2014-12-20T21:17:50.321000Z",
21  "url": "https://swapi.dev/api/people/8/"
22 }
```

El JSON muestra la información sobre el personaje que corresponde al ID 8.

## 2. ¿Qué status arroja el sistema en planets 1?

The screenshot displays the Postman interface for a GET request to `https://swapi.dev/api/planets/1`. The request is part of a collection named "StarWars / Planets 1". The "Scripts" tab is active, showing a pre-request script that tests for a 200 status code. The "Test Results" tab shows a single test that passed: "Status code is 200". The response status is "200 OK" with a response time of 203 ms and a body size of 1.14 KB. The interface includes a sidebar with Collections, Environments, History, and a main panel with tabs for Overview, Params, Authorization, Headers, Body, Scripts, and Settings. A bottom bar contains utility icons like Online, Find and replace, Console, Runner, Start Proxy, Cookies, Vault, Trash, and Help.

Overview Params Authorization Headers (6) Body Scripts Settings

Pre-request

```
1 pm.test("Status code is 200", function () {
2   | pm.response.to.have.status(200);
3 });
```

Post-response \*

Body Cookies Headers (10) Test Results (1/1)

200 OK 203 ms 1.14 KB Save Response

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All Passed Skipped Failed

PASS Status code is 200

Status 200 OK.

### **3. Las 4 primeras especies de species**

La respuesta de JSON con una lista de especies. Las primeras 4 son:

1. Human
2. Droid
3. Wookiee
4. Rodian

Home Workspaces API Network Search Postman

Overview GET Planets 1 GET New Reque GET Species GET Films 1 GET Films 6 GET Obi-Wan Ke GET ¿Birth year GET Planeta de GET Modelo del GET ¿Existe la e No environment

StarWars / Species Save Share

GET https://swapi.dev/api/species Send

Overview Params Authorization Headers (6) Body Scripts Settings Cookies

## Species

[View complete documentation →](#)

https://swapi.dev/api/species

Add request description...

Body Cookies Headers (10) Test Results (1/1) 200 OK • 928 ms • 5.98 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "count": 37,
3   "next": "https://swapi.dev/api/species/?page=2",
4   "previous": null,
5   "results": [
6     {
7       "name": "Human",
8       "classification": "mammal",
9       "designation": "sentient",
10      "average_height": "180",
11      "skin_colors": "caucasian, black, asian, hispanic",
12      "hair_colors": "blonde, brown, black, red",
13      "eye_colors": "brown, blue, green, hazel, grey, amber",
14      "average_lifespan": "120",
15      "homeworld": "https://swapi.dev/api/planets/9/",
16      "language": "Galactic Basic",
17      "people": [
18        "https://swapi.dev/api/people/66/",
```

**Captura1: Species nombre: Human**

Home Workspaces API Network Search Postman

Overview GET Planets 1 GET New Reque GET Species GET Films 1 GET Films 6 GET Obi-Wan Ke GET ¿Birth year GET Planeta de GET Modelo del GET ¿Existe la e No environment Save Share

StarWars / Species GET https://swapi.dev/api/species Send Cookies

Overview Params Authorization Headers (6) Body Scripts Settings

## Species

[View complete documentation →](#)

https://swapi.dev/api/species

Add request description...

Body Cookies Headers (10) Test Results (1/1) 200 OK • 928 ms • 5.98 KB Save Response

Pretty Raw Preview Visualize JSON

```
35
36   "name": "Droid",
37   "classification": "artificial",
38   "designation": "sentient",
39   "average_height": "n/a",
40   "skin_colors": "n/a",
41   "hair_colors": "n/a",
42   "eye_colors": "n/a",
43   "average_lifespan": "indefinite",
44   "homeworld": null,
45   "language": "n/a",
46   "people": [
47     "https://swapi.dev/api/people/2/",
48     "https://swapi.dev/api/people/3/",
49     "https://swapi.dev/api/people/8/",
50     "https://swapi.dev/api/people/23/"
51   ],
52   "films": [
```

**Captura 2: Species nombre: Droid**

StarWars / Species

GET https://swapi.dev/api/species

Overview Params Authorization Headers (6) Body Scripts Settings

## Species

[View complete documentation →](#)

https://swapi.dev/api/species

Add request description...

Body Cookies Headers (10) Test Results (1/1) 200 OK • 928 ms • 5.98 KB • Save Response

Pretty Raw Preview Visualize JSON

```
64 {
65   "name": "Wookiee",
66   "classification": "mammal",
67   "designation": "sentient",
68   "average_height": "210",
69   "skin_colors": "gray",
70   "hair_colors": "black, brown",
71   "eye_colors": "blue, green, yellow, brown, golden, red",
72   "average_lifespan": "400",
73   "homeworld": "https://swapi.dev/api/planets/14/",
74   "language": "Shyriiwook",
75   "people": [
76     "https://swapi.dev/api/people/13/",
77     "https://swapi.dev/api/people/80/"
78   ],
79   "films": [
80     "https://swapi.dev/api/films/1/",
81     "https://swapi.dev/api/films/2/"
82   ]
83 }
```

**Captura 3: Species nombre: Wookiee**

Postman interface showing a REST client request to the Star Wars API endpoint `https://swapi.dev/api/species`. The request is a `GET` method. The response is a `200 OK` status, indicating a successful retrieval of data.

The response body is displayed in JSON format (Pretty view). The first object in the array is highlighted, showing the details for the **Rodian** species.

```
{
  "name": "Rodian",
  "classification": "sentient",
  "designation": "reptilian",
  "average_height": "170",
  "skin_colors": "green, blue",
  "hair_colors": "n/a",
  "eye_colors": "black",
  "average_lifespan": "unknown",
  "homeworld": "https://swapi.dev/api/planets/23/",
  "language": "Galatic Basic",
  "people": [
    "https://swapi.dev/api/people/15/"
  ],
  "films": [
    "https://swapi.dev/api/films/1/"
  ],
  "species": "2014-12-18T17:05:26.171000Z"
```

**Captura 4: Species nombre: Rodian**



#### 4. release\_date de films 1

The screenshot shows the Postman interface with a GET request to `https://swapi.dev/api/films/1`. The response is a JSON object for the movie "A New Hope". The "release\_date" field is highlighted with a red box.

**Request:**

- Method: GET
- URL: `https://swapi.dev/api/films/1`

**Headers (6):**

Key	Value	Description
User-Agent	PostmanRuntime/7.42.0	
Accept	*/*	
Accept-Encoding	gzip, deflate, br	
Connection	keep-alive	

**Body:**

```
{
  "title": "A New Hope",
  "episode_id": 4,
  "opening_crawl": "It is a period of civil war.\nRebel spaceships, striking\nfrom a hidden base, have won\ntheir first victory against\nthe evil Galactic Empire.\n\nDuring the battle, Rebel\nspies managed to steal secret\nplans to the Empire's\nultimate weapon, the DEATH\nSTAR, an armored space\nstation with enough\npower\nto destroy an entire planet.\nPursued by the Empire's\nsinister agents, Princess\nLeia races home aboard her\nstarship, custodian of the\ntolen plans\nthat can save her\npeople and restore\nfreedom to the galaxy...\"",
  "director": "George Lucas",
  "producer": "Gary Kurtz, Rick McCallum",
  "release_date": "1977-05-25",
  "characters": [
    "https://swapi.dev/api/people/1/",
    "https://swapi.dev/api/people/2/",
    "https://swapi.dev/api/people/3/",
    "https://swapi.dev/api/people/4/",
    "https://swapi.dev/api/people/5/",
    "https://swapi.dev/api/people/6/",
    "https://swapi.dev/api/people/7/"
  ]
}
```

**Response Status:** 200 OK • 1003 ms • 2.51 KB

La primera película: Release\_date fue en 1977-05-25.

## 5. Productor de films 6

The screenshot shows the Postman interface with a GET request to `https://swapi.dev/api/films/6`. The response is a 200 OK status with a response time of 893 ms and a size of 4.38 KB. The response body is a JSON object with the following structure:

```
1 {
2   "title": "Revenge of the Sith",
3   "episode_id": 3,
4   "opening_crawl": "War! The Republic is crumbling\u000Aunder attacks by the ruthless\u000ASith Lord, Count Dooku.\u000AThere are heroes on both sides.\u000AEvil is everywhere.\u000AIn a
   stunning move, the\u000Afiendish droid leader, General\u000AGrievous, has swept into the\u000ARepublic capital and kidnapped\u000AChancellor Palpatine, leader of\u000Athe Galactic Senate.
   \u000AAs the Separatist Droid Army\u000Aattempts to flee the besieged\u000Acapital with their valuable\u000Ahostage, two Jedi Knights lead a\u000Anderperate mission to rescue
   the\u000Acaptive Chancellor...",
5   "director": "George Lucas",
6   "producer": "Rick McCallum",
7   "release_date": "2005-05-19",
8   "characters": [
9     "https://swapi.dev/api/people/1/",
10    "https://swapi.dev/api/people/2/",
11    "https://swapi.dev/api/people/3/",
12    "https://swapi.dev/api/people/4/",
13    "https://swapi.dev/api/people/5/",
14    "https://swapi.dev/api/people/6/",
15    "https://swapi.dev/api/people/7/"
16  ]
17 }
```

The "producer" field is highlighted with a red box, indicating the answer to the question.

El producer es Rick McCallum.

## 6. Búsqueda de Obi-Wan Kenobi

The screenshot shows the Postman interface with a GET request to the Star Wars API endpoint: `https://swapi.dev/api/people/?search=Obi-Wan%20Kenobi`. The response is a JSON object with the following structure:

```
1 {
2   "count": 1,
3   "next": null,
4   "previous": null,
5   "results": [
6     {
7       "name": "Obi-Wan Kenobi",
8       "height": "182",
9       "mass": "77",
10      "hair_color": "auburn, white",
11      "skin_color": "fair",
12      "eye_color": "blue-gray",
13      "birth_year": "57BBY",
14      "gender": "male",
15      "homeworld": "https://swapi.dev/api/planets/20/",
16      "films": [
17        "https://swapi.dev/api/films/1/",
18        "https://swapi.dev/api/films/2/",
19        "https://swapi.dev/api/films/3/",
20        "https://swapi.dev/api/films/4/",
21        "https://swapi.dev/api/films/5/",
22        "https://swapi.dev/api/films/6/"
23      ],
24      "species": [],
25      "vehicles": [
26        "https://swapi.dev/api/vehicles/38/"
27      ],
28      "starships": [
29        "https://swapi.dev/api/starships/48/",
30        "https://swapi.dev/api/starships/59/",
31        "https://swapi.dev/api/starships/64/",
32        "https://swapi.dev/api/starships/65/",
33        "https://swapi.dev/api/starships/74/"
34      ],
35      "created": "2014-12-10T16:16:29.192000Z",
36      "edited": "2014-12-20T21:17:50.325000Z",
37      "url": "https://swapi.dev/api/people/10/"
38    }
39  ]
40 }
```

La información de JSON sobre Obi-Wan Kenobi.

## 7. ¿El birth year de Yoda es el 2389?

The screenshot shows the Postman interface with a GET request to `https://swapi.dev/api/people/?search=Yoda`. The response is a 200 OK status with a response time of 1014 ms and a body size of 939 B. The response body is displayed in JSON format, showing the details of Yoda. The `"birth_year": "896BBY"` field is highlighted with a red box.

```
1 {
2   "count": 1,
3   "next": null,
4   "previous": null,
5   "results": [
6     {
7       "name": "Yoda",
8       "height": "66",
9       "mass": "17",
10      "hair_color": "white",
11      "skin_color": "green",
12      "eye_color": "brown",
13      "birth_year": "896BBY",
14      "gender": "male",
15      "homeworld": "https://swapi.dev/api/planets/28/",
16      "films": [
17        "https://swapi.dev/api/films/2/",
18        "https://swapi.dev/api/films/3/",
19        "https://swapi.dev/api/films/4/",
20        "https://swapi.dev/api/films/5/",
21        "https://swapi.dev/api/films/6/"
22      ],
23      "species": [
24        "https://swapi.dev/api/species/6/"
25      ],
26      "vehicles": [],
27      "starships": [],
28      "created": "2014-12-15T12:26:01.042000Z",
29      "edited": "2014-12-20T21:17:50.345000Z",
30      "url": "https://swapi.dev/api/people/20/"
31    }
32  ]
33 }
```

Birth\_year para Yoda es 896BBY, lo que significa que NO es 2389.

## 8. Planeta de Chandrilla

The screenshot shows the Postman interface with a GET request to `https://swapi.dev/api/planets/?search=Chandrila`. The response is a 200 OK status with a response time of 194 ms and a body size of 756 B. The response body is a JSON object representing the planet Chandrilla. Red boxes highlight the `"count": 1,` and `"next": null,` fields, and the `"name": "Chandrila",` field. A red arrow points to the `"name"` field.

```
1 {
2   "count": 1,
3   "next": null,
4   "previous": null,
5   "results": [
6     {
7       "name": "Chandrila",
8       "rotation_period": "28",
9       "orbital_period": "368",
10      "diameter": "13500",
11      "climate": "temperate",
12      "gravity": "1",
13      "terrain": "plains, forests",
14      "surface_water": "40",
15      "population": "1200000000",
16      "residents": [
17        "https://swapi.dev/api/people/28/"
18      ],
19      "films": [],
20      "created": "2014-12-18T11:11:51.872000Z",
21      "edited": "2014-12-20T20:58:18.472000Z",
22      "url": "https://swapi.dev/api/planets/32/"
23    }
24  ]
25 }
```

Chandrila es el planeta como tal.

## 9. Modelo del starship 12

The screenshot shows the Star Wars API Network client interface. The top navigation bar includes 'Home', 'Workspaces', and 'API Network'. A search bar is present. The main area displays the endpoint 'GET https://swapi.dev/api/starships/12' with a 'Send' button. The response is shown in the 'Body' tab, formatted as JSON. The JSON object contains the following fields:

```
{
  "name": "X-wing",
  "model": "T-65 X-wing",
  "manufacturer": "Incom Corporation",
  "cost_in_credits": "149999",
  "length": "12.5",
  "max_atmosphering_speed": "1050",
  "crew": "1",
  "passengers": "0",
  "cargo_capacity": "110",
  "consumables": "1 week",
  "hyperdrive_rating": "1.0",
  "MGLT": "100",
  "starship_class": "Starfighter",
  "pilots": [
    "https://swapi.dev/api/people/1/",
    "https://swapi.dev/api/people/9/",
    "https://swapi.dev/api/people/18/",
    "https://swapi.dev/api/people/19/"
  ],
  "films": [
    "https://swapi.dev/api/films/1/",
    "https://swapi.dev/api/films/2/",
    "https://swapi.dev/api/films/3/"
  ],
  "created": "2014-12-12T11:19:05.340000Z",
  "edited": "2014-12-20T21:23:49.886000Z",
  "url": "https://swapi.dev/api/starships/12/"
}
```

The 'model' field, 'T-65 X-wing', is highlighted with a red box. The status bar at the bottom shows '200 OK', '946 ms', and '1001 B'.

El model es T-65 X-wing.

## 10. ¿Existe la especie awak?

The screenshot shows the Postman interface with a GET request to `https://swapi.dev/api/species/?search=awak`. The response is a 200 OK status with a response time of 912 ms and a body size of 379 B. The response body is displayed in JSON format, showing an empty results array.

**Request:**

- Method: GET
- URL: `https://swapi.dev/api/species/?search=awak`

**Response:**

```
1 {
2   "count": 0,
3   "next": null,
4   "previous": null,
5   "results": []
6 }
```

The JSON response indicates that there are 0 results found for the species 'awak'.

No existe ninguna especie llamada awak.