Introduction

The Star Wars API (SWAPI) is a completely open API that provides data from the Star Wars universe. No authentication is required to query and get data.

Getting Started
Let's make our first API request to the Star Wars API!

Authorization/ Authentication
SWAPI is a completely open API. No authentication is required to query and get data.

Rate Limit
Rate limiting is implemented based on IP address, with a current cap of 10,000 API requests per day.

Prerequisites
N/A

Return Status Code
N/A

Resource

People

Introduction

This API reference guide outlines how to retrieve information about all the people from the SWAPI

Method

GET

Base URL

https://swapi.py4e.com/api/~~people~~

Endpoint

/people/

Request URL

https://swapi.py4e.com/api/people

Example
https://swapi.py4e.com/api/people

Request Parameter

Parameter	Required/ Optional	Data Type	Values	Description
people *	Required			● To search all the people

Response parameters

Parameter	Sub-parameter	Data Type	Values	Description
name		string		The name of the resource
height		Int64		The height of the resource in centimeters
mass		Int64		The mass of the resource in kilograms.
hair_color		string	● unknown ● n/a	The hair color of the resource. ● unknown = not known ● n/a = resource does not have hair
skin_color		string		The skin color of the resource.
eye_color		string	● unknown ● n/a	The eye color of the resource. ● Unknown = not known ● n/a = resource does not have an eye
birth_year		string	● BBY ● ABY	The resource's birth year ● BBY (Before the Battle of Yavin) ● ABY (After the Battle of Yavin)
gender		string	● Male	The gender of the resource. Options include:

Parameter	Sub-parameter	Data Type	Values	Description
			• Female • Unknown • n/a	• Male • Female • Unknown • n/a (resource does not have a gender)
homeworld		string		The URL of a planet resource represents the planet where this resource was born or currently resides.
films		string		An array of film resource URLs that this resource has appeared in.
species		string		An array of species resource URLs to which this resource belongs.
vehicles		string		An array of vehicle resource URLs that this resource has piloted.
starships		string		An array of starship resource URLs that this resource has piloted.
created		string		The ISO 8601 date format indicates when this resource was created.
edited		string		The ISO 8601 date format indicates when this resource was last edited.
url		string		The hypermedia URL of this resource.

Sample Response Code

```json
{
    "count": 87,
    "next": "https://swapi.py4e.com/api/people/?page=2",
    "previous": null,
    "results": [
        {
            "name": "Luke Skywalker",
            "height": "172",
            "mass": "77",
            "hair_color": "blond",
            "skin_color": "fair",
            "eye_color": "blue",
            "birth_year": "19BBY",
            "gender": "male",
            "homeworld": "https://swapi.py4e.com/api/planets/1/",
            "films": [
                "https://swapi.py4e.com/api/films/1/",
                "https://swapi.py4e.com/api/films/2/",
                "https://swapi.py4e.com/api/films/3/",
                "https://swapi.py4e.com/api/films/6/",
                "https://swapi.py4e.com/api/films/7/"
            ],
            "species": [
                "https://swapi.py4e.com/api/species/1/"
            ],
            "vehicles": [
                "https://swapi.py4e.com/api/vehicles/14/",
                "https://swapi.py4e.com/api/vehicles/30/"
            ],
            "starships": [
                "https://swapi.py4e.com/api/starships/12/",
                "https://swapi.py4e.com/api/starships/22/"
            ],
            "created": "2014-12-09T13:50:51.644000Z",
            "edited": "2014-12-20T21:17:56.891000Z",
            "url": "https://swapi.py4e.com/api/people/1/"
        },
        {
            "name": "C-3PO",
            "height": "167",
```

```json
        "mass": "75",
        "hair_color": "n/a",
        "skin_color": "gold",
        "eye_color": "yellow",
        "birth_year": "112BBY",
        "gender": "n/a",
        "homeworld": "https://swapi.py4e.com/api/planets/1/",
        "films": [
            "https://swapi.py4e.com/api/films/1/",
            "https://swapi.py4e.com/api/films/2/",
            "https://swapi.py4e.com/api/films/3/",
            "https://swapi.py4e.com/api/films/4/",
            "https://swapi.py4e.com/api/films/5/",
            "https://swapi.py4e.com/api/films/6/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/2/"
        ],
        "vehicles": [],
        "starships": [],
        "created": "2014-12-10T15:10:51.357000Z",
        "edited": "2014-12-20T21:17:50.309000Z",
        "url": "https://swapi.py4e.com/api/people/2/"
    },
    {
        "name": "R2-D2",
        "height": "96",
        "mass": "32",
        "hair_color": "n/a",
        "skin_color": "white, blue",
        "eye_color": "red",
        "birth_year": "33BBY",
        "gender": "n/a",
        "homeworld": "https://swapi.py4e.com/api/planets/8/",
        "films": [
            "https://swapi.py4e.com/api/films/1/",
            "https://swapi.py4e.com/api/films/2/",
            "https://swapi.py4e.com/api/films/3/",
            "https://swapi.py4e.com/api/films/4/",
            "https://swapi.py4e.com/api/films/5/",
            "https://swapi.py4e.com/api/films/6/",
            "https://swapi.py4e.com/api/films/7/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/2/"
        ],
        "vehicles": [],
        "starships": [],
        "created": "2014-12-10T15:11:50.376000Z",
        "edited": "2014-12-20T21:17:50.311000Z",
        "url": "https://swapi.py4e.com/api/people/3/"
    },
    {
        "name": "Darth Vader",
        "height": "202",
        "mass": "136",
        "hair_color": "none",
        "skin_color": "white",
        "eye_color": "yellow",
        "birth_year": "41.9BBY",
        "gender": "male",
        "homeworld": "https://swapi.py4e.com/api/planets/1/",
        "films": [
            "https://swapi.py4e.com/api/films/1/",
            "https://swapi.py4e.com/api/films/2/",
            "https://swapi.py4e.com/api/films/3/",
            "https://swapi.py4e.com/api/films/6/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/1/"
```

```json
        ],
        "vehicles": [],
        "starships": [
            "https://swapi.py4e.com/api/starships/13/"
        ],
        "created": "2014-12-10T15:18:20.704000Z",
        "edited": "2014-12-20T21:17:50.313000Z",
        "url": "https://swapi.py4e.com/api/people/4/"
    },
    {
        "name": "Leia Organa",
        "height": "150",
        "mass": "49",
        "hair_color": "brown",
        "skin_color": "light",
        "eye_color": "brown",
        "birth_year": "19BBY",
        "gender": "female",
        "homeworld": "https://swapi.py4e.com/api/planets/2/",
        "films": [
            "https://swapi.py4e.com/api/films/1/",
            "https://swapi.py4e.com/api/films/2/",
            "https://swapi.py4e.com/api/films/3/",
            "https://swapi.py4e.com/api/films/6/",
            "https://swapi.py4e.com/api/films/7/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/1/"
        ],
        "vehicles": [
            "https://swapi.py4e.com/api/vehicles/30/"
        ],
        "starships": [],
        "created": "2014-12-10T15:20:09.791000Z",
        "edited": "2014-12-20T21:17:50.315000Z",
        "url": "https://swapi.py4e.com/api/people/5/"
    },
    {
        "name": "Owen Lars",
        "height": "178",
        "mass": "120",
        "hair_color": "brown, grey",
        "skin_color": "light",
        "eye_color": "blue",
        "birth_year": "52BBY",
        "gender": "male",
        "homeworld": "https://swapi.py4e.com/api/planets/1/",
        "films": [
            "https://swapi.py4e.com/api/films/1/",
            "https://swapi.py4e.com/api/films/5/",
            "https://swapi.py4e.com/api/films/6/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/1/"
        ],
        "vehicles": [],
        "starships": [],
        "created": "2014-12-10T15:52:14.024000Z",
        "edited": "2014-12-20T21:17:50.317000Z",
        "url": "https://swapi.py4e.com/api/people/6/"
    },
    {
        "name": "Beru Whitesun lars",
        "height": "165",
        "mass": "75",
        "hair_color": "brown",
        "skin_color": "light",
        "eye_color": "blue",
        "birth_year": "47BBY",
        "gender": "female",
```

        "homeworld": "https://swapi.py4e.com/api/planets/1/",
        "films": [
            "https://swapi.py4e.com/api/films/1/",
            "https://swapi.py4e.com/api/films/5/",
            "https://swapi.py4e.com/api/films/6/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/1/"
        ],
        "vehicles": [],
        "starships": [],
        "created": "2014-12-10T15:53:41.121000Z",
        "edited": "2014-12-20T21:17:50.319000Z",
        "url": "https://swapi.py4e.com/api/people/7/"
    },
    {
        "name": "R5-D4",
        "height": "97",
        "mass": "32",
        "hair_color": "n/a",
        "skin_color": "white, red",
        "eye_color": "red",
        "birth_year": "unknown",
        "gender": "n/a",
        "homeworld": "https://swapi.py4e.com/api/planets/1/",
        "films": [
            "https://swapi.py4e.com/api/films/1/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/2/"
        ],
        "vehicles": [],
        "starships": [],
        "created": "2014-12-10T15:57:50.959000Z",
        "edited": "2014-12-20T21:17:50.321000Z",
        "url": "https://swapi.py4e.com/api/people/8/"
    },
    {
        "name": "Biggs Darklighter",
        "height": "183",
        "mass": "84",
        "hair_color": "black",
        "skin_color": "light",
        "eye_color": "brown",
        "birth_year": "24BBY",
        "gender": "male",
        "homeworld": "https://swapi.py4e.com/api/planets/1/",
        "films": [
            "https://swapi.py4e.com/api/films/1/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/1/"
        ],
        "vehicles": [],
        "starships": [
            "https://swapi.py4e.com/api/starships/12/"
        ],
        "created": "2014-12-10T15:59:50.509000Z",
        "edited": "2014-12-20T21:17:50.323000Z",
        "url": "https://swapi.py4e.com/api/people/9/"
    },
    {
        "name": "Obi-Wan Kenobi",
        "height": "182",
        "mass": "77",
        "hair_color": "auburn, white",
        "skin_color": "fair",
        "eye_color": "blue-gray",
        "birth_year": "57BBY",
        "gender": "male",

```json
        "homeworld": "https://swapi.py4e.com/api/planets/20/",
        "films": [
            "https://swapi.py4e.com/api/films/1/",
            "https://swapi.py4e.com/api/films/2/",
            "https://swapi.py4e.com/api/films/3/",
            "https://swapi.py4e.com/api/films/4/",
            "https://swapi.py4e.com/api/films/5/",
            "https://swapi.py4e.com/api/films/6/"
        ],
        "species": [
            "https://swapi.py4e.com/api/species/1/"
        ],
        "vehicles": [
            "https://swapi.py4e.com/api/vehicles/38/"
        ],
        "starships": [
            "https://swapi.py4e.com/api/starships/48/",
            "https://swapi.py4e.com/api/starships/59/",
            "https://swapi.py4e.com/api/starships/64/",
            "https://swapi.py4e.com/api/starships/65/",
            "https://swapi.py4e.com/api/starships/74/"
        ],
        "created": "2014-12-10T16:16:29.192000Z",
        "edited": "2014-12-20T21:17:50.325000Z",
        "url": "https://swapi.py4e.com/api/people/10/"
    }
    ]
}
```

Resource

People

Introduction

This API reference guide outlines how to retrieve information about a specific person from the SWAPI

Method

GET

Base URL

https://swapi.py4e.com/api/

Endpoint

/people//{peopleId}

Request URL

https://swapi.py4e.com/api/people/22

Example
https://swapi.py4e.com/api/people/22/

Request Parameter Path Parameter

Parameter	Required/Optional	Data Type	Values	Description
peopleId *	Required	Int64		Unique Id of a person

Response parameters

Parameter	Sub-parameter		Data Type	Values	Description
name			string		The name of the person
height			Int64		The height of the person in centimeters
mass			Int64		The mass of the person in kilograms.
hair_color			string	- Unknown - n/a	The hair color of the person. - unknown = not known - n/a = resource does not have hair
skin_color			string		The skin color of the person.
eye_color			string	- Unknown - n/a	The eye color of the person. - Unknown = not known - n/a = resource does not have an eye

Parameter	Sub-parameter		Data Type	Values	Description
birth_year			string	• BBY • ABY	The resource's birth year • BBY (Before the Battle of Yavin) • ABY (After the Battle of Yavin)
gender			string	• Male • Female • Unknown • n/a	The gender of the person. Options include: • Male • Female • Unknown • n/a (resource doesn't have a gender)
homeworld			string		The URL of a planet resource represents the planet where the person was born or currently resides.
films			string		An array of film resource URLs that the person has appeared in.
species			string		An array of species resource URLs to which the person belongs.
vehicles			string		An array of vehicle resource URLs that the person has piloted.
starships			string		An array of starship resource URLs that this person has piloted.
created			string		The ISO 8601 date format indicates when this resource was created.
edited			string		The ISO 8601 date format indicates when this resource was last edited.
url			string		The hypermedia URL of this resource.

Sample Response Code

```
{
    "name": "Boba Fett",
    "height": "183",
    "mass": "78.2",
    "hair_color": "black",
    "skin_color": "fair",
    "eye_color": "brown",
    "birth_year": "31.5BBY",
    "gender": "male",
    "homeworld": "https://swapi.py4e.com/api/planets/10/",
    "films": [
        "https://swapi.py4e.com/api/films/2/",
        "https://swapi.py4e.com/api/films/3/",
        "https://swapi.py4e.com/api/films/5/"
    ],
    "species": [
        "https://swapi.py4e.com/api/species/1/"
    ],
    "vehicles": [],
    "starships": [
        "https://swapi.py4e.com/api/starships/21/"
    ],
    "created": "2014-12-15T12:49:32.457000Z",
    "edited": "2014-12-20T21:17:50.349000Z",
    "url": "https://swapi.py4e.com/api/people/22/"
}
```

https://swapi.py4e.com/api/people/22   Save

GET   https://swapi.py4e.com/api/people/22   **Send**

Params   Authorization   Headers (5)   Body   Pre-request Script   Tests   Settings   Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body   Cookies   Headers (18)   Test Results   Status: 200 OK   Time: 1765 ms   Size: 1.35 KB   Save as example

Pretty   Raw   Preview   Visualize   JSON

```json
 1  {
 2      "name": "Boba Fett",
 3      "height": "183",
 4      "mass": "78.2",
 5      "hair_color": "black",
 6      "skin_color": "fair",
 7      "eye_color": "brown",
 8      "birth_year": "31.5BBY",
 9      "gender": "male",
10      "homeworld": "https://swapi.py4e.com/api/planets/10/",
11      "films": [
12          "https://swapi.py4e.com/api/films/2/",
13          "https://swapi.py4e.com/api/films/3/",
14          "https://swapi.py4e.com/api/films/5/"
15      ],
16      "species": [
17          "https://swapi.py4e.com/api/species/1/"
18      ],
19      "vehicles": [],
20      "starships": [
21          "https://swapi.py4e.com/api/starships/21/"
22      ],
23      "created": "2014-12-15T12:49:32.457000Z",
24      "edited": "2014-12-20T21:17:50.349000Z",
25      "url": "https://swapi.py4e.com/api/people/22/"
26  }
```