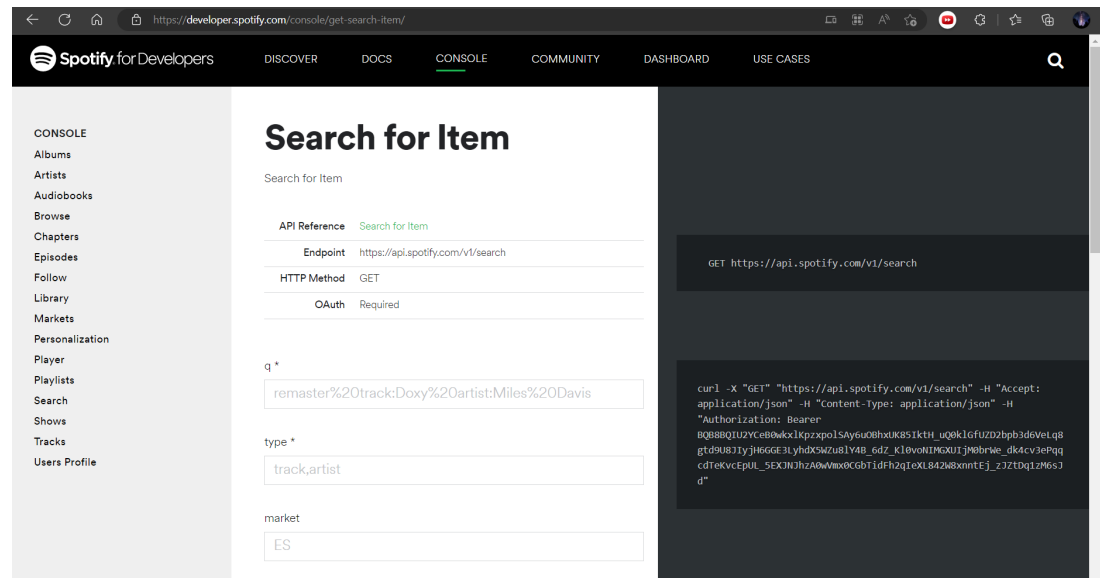


0) **OAuth Token:** BQC89ugP8OhWxKJJbYKLJnk_DH6x-5RF-

gJeMf24rV3Gkc_f4aAZudHF5bDGDkBYkkrDUMPRquBbBxtF7v6ssA1ybPeAjw0_lQXa3O1VZ_
 kaW_aktB0smmSO35bvVYWS9I5oonJdjkZ4IYWWhbh6PWwEst3VHWAUW-
 ucqaGnlkzuqjbuO7uy8Vf7oCzjhNA_7iDQ0b

How to sign-up to obtain a new token:

0.1) Click here <https://developer.spotify.com/console/get-search-item/>



0.2) Scroll down until you see “OAuth Token”, then click on “GET TOKEN”

OAuth Token

BQB8BQIU2YCeB0wklKpzxpolSA...
GET TOKEN

0.3) The “Select scopes” pane is existed, then click on “REQUEST TOKEN” to request a token from the server.

Select scopes

This endpoint requires authentication, but does not require a specific scope.

You can optionally ask for any of these scopes:

<input type="checkbox"/> user-read-playback-position	<input type="checkbox"/> user-library-read
<input type="checkbox"/> user-library-modify	<input type="checkbox"/> user-read-private
<input type="checkbox"/> user-read-email	<input type="checkbox"/> playlist-modify-public
<input type="checkbox"/> playlist-modify-private	<input type="checkbox"/> playlist-read-private
<input type="checkbox"/> playlist-read-private	<input type="checkbox"/> user-top-read
<input type="checkbox"/> playlist-read-collaborative	<input type="checkbox"/> ugc-image-upload
<input type="checkbox"/> user-follow-read	<input type="checkbox"/> user-follow-modify
<input type="checkbox"/> user-read-playback-state	<input type="checkbox"/> user-modify-playback-state
<input type="checkbox"/> user-read-currently-playing	<input type="checkbox"/> user-read-recently-played

If no scopes are requested, only public resources (e.g. public playlists) will be accessible. Read more about scopes at [Using Scopes](#).

REQUEST TOKEN

- 0.4) Finally, fill on the information including *q*, *type*, *market*, *limit*, *offset*, *include_external*. Or click on “FILL SAMPLE DATA”, then click “TRY IT”, REST API cURL will be shown aside from web page.

OAuth Token

BQB8BQIU2YCeB0wxxIKpzxpolSA...

GET TOKEN

TRY IT **FILL SAMPLE DATA**

```
{
  "artists": {
    "href": "https://api.spotify.com/v1/search?
query=remaster%2520track%3A%2520artist%3A%2520Davis&type
=artist&market=ES&locale=en-US%2Cen%3Bq%3D%2C%26offset=5&limit=10",
    "items": [
```

- 1) Student name: Jirat Jalaketu (Palm)
- 2) REST API cURL command: https://api.spotify.com/v1/search?q=Sam_Smith&type=artist

3) Example output data:

```
{
  "artists" : {
    "href" :
    "https://api.spotify.com/v1/search?query=Sam+Smith&type=artist&locale=en-US%2Cen%3Bq%3D0.9&offset=0&limit=20",
    "items" : [ {
      "external_urls" : {
        "spotify" : "https://open.spotify.com/artist/2wY79sveU1sp5g7SokK0iI"
      },
      "followers" : {
        "href" : null,
        "total" : 21580325
      },
      "genres" : [ "pop", "uk pop" ],
      "href" : "https://api.spotify.com/v1/artists/2wY79sveU1sp5g7SokK0iI",
      "id" : "2wY79sveU1sp5g7SokK0iI",
      "images" : [ {
        "height" : 640,
        "url" :
        "https://i.scdn.co/image/ab6761610000e5eb10ca40ea0b0b5082dba0ff75",
        "width" : 640
      }, {
        "height" : 320,
        "url" :
        "https://i.scdn.co/image/ab6761610000517410ca40ea0b0b5082dba0ff75",
        "width" : 320
      }, {
        "height" : 160,
        "url" :
        "https://i.scdn.co/image/ab6761610000f17810ca40ea0b0b5082dba0ff75",
        "width" : 160
      } ],
      "name" : "Sam Smith",
      "popularity" : 90,
      "type" : "artist",
      "uri" : "spotify:artist:2wY79sveU1sp5g7SokK0iI"
    }, ...
  ]
}
```

4) Describe what data is:

With the Spotify Developer Platform, you're able to read calculated audio features of tracks to learn about its danceability, energy, valence, and more. For more advanced use cases, it is possible to read in-depth analysis data about tracks such as the segments, tatum, bars, beats, pitches, and more.

- *Mood*: Danceability, Valence, Energy, Tempo
- *Properties*: Loudness, Speechiness, Instrumentalness
- *Context*: Liveness, Acousticness
- *Segments*, Tatum, Bars, Beats, Pitches, Timbre, and more

API Reference [Search for Item](#)

Endpoint <https://api.spotify.com/v1/search>

HTTP Method GET

OAuth Required

5) URL linking to the REST API reference document for the public data repository you have obtained:

<https://developer.spotify.com/documentation/web-api/reference/#/operations/search>