

# Drupal Day 2018

**Nombre:** Juan David Ceballos

**Cargo :** Desarrollador Drupal

**Actualmente :** Freelance // Principalmente // Tbwa-Colombia.

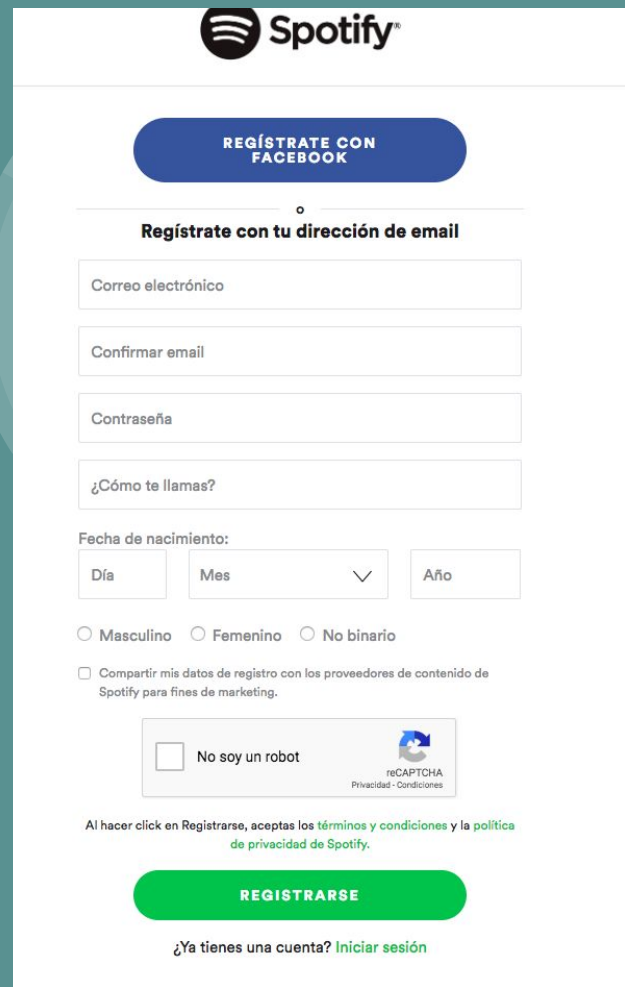
**Trabajado:** (Casas de software, Educación, Gobierno, Publicidad)

## **Charla:**

- \*Integración del api Spotify && Drupal 8
- \*Manejo de End points servicios.
- \*Request y Callbacks de Spoty && Drupal 8
- \*Consumo de servicios desde spotify (Api)
- \*Presentación en vivo (Pantheon)
- \*Explicación de módulo Desarrollador en Drupal 8.

# Registro

<https://www.spotify.com/co/signup/>



The image shows the Spotify registration page. At the top is the Spotify logo. Below it is a blue button that says "REGÍSTRATE CON FACEBOOK". Underneath is a separator line with a small circle in the middle, followed by the text "Regístrate con tu dirección de email". The registration form consists of several input fields: "Correo electrónico", "Confirmar email", "Contraseña", and "¿Cómo te llamas?". Below these is a "Fecha de nacimiento:" section with three dropdown menus for "Día", "Mes", and "Año". There are three radio buttons for gender: "Masculino", "Femenino", and "No binario". A checkbox is labeled "Compartir mis datos de registro con los proveedores de contenido de Spotify para fines de marketing." Below that is a reCAPTCHA box with the text "No soy un robot" and a small robot icon. At the bottom of the form, there is a green button that says "REGISTRARSE". Below the button is the text "¿Ya tienes una cuenta? [Iniciar sesión](#)".

Spotify®

REGÍSTRATE CON FACEBOOK

Regístrate con tu dirección de email

Correo electrónico

Confirmar email

Contraseña

¿Cómo te llamas?

Fecha de nacimiento:

Día Mes Año

Masculino  Femenino  No binario

Compartir mis datos de registro con los proveedores de contenido de Spotify para fines de marketing.

No soy un robot

reCAPTCHA  
Privacidad · Condiciones

Al hacer click en Registrarse, aceptas los [términos y condiciones](#) y la [política de privacidad de Spotify](#).

REGISTRARSE

¿Ya tienes una cuenta? [Iniciar sesión](#)



# CREACIÓN DE NUEVA APLICACIÓN

**Link:**

<https://developer.spotify.com/dashboard/applications>

CREATE A CLIENT ID

LOGOUT

CREATE AN APP

+

# Creación de nueva aplicación.

CREATE AN APP OR HARDWARE INTEGRATION  
Step 1/3

App or Hardware Name \*

Drupal Day

App or Hardware Description \*

Consumo de data (Spotify api).

What are you building? \*

- I don't know
- Mobile App
- Desktop App
- Website
- Speakers
- Voice - Cortana
- Voice - Other
- TV
- Gaming Consoles
- Wearables

*Check all that apply*

NEXT

CREATE AN APP OR HARDWARE INTEGRATION  
Step 2/3

**Are you developing a commercial integration?**

Generally speaking, you have a commercial integration if you are incorporated and/or plan to monetize your app.

What does that mean?

- You monetize if...** your app or product charges a fee to purchase, promotes using ads or utilizes a freemium model for upsells.
- You are incorporated if...** you are legally protected as a corporate entity or company.

Note: Please note that using Spotify's tools are always subject to our [Developer Terms of Service](#) and final approvals for commercial usage will always be left up to the discretion of Spotify and its partners.

NO YES

CREATE A NON-COMMERCIAL APP  
Step 3/3

- I understand that this app is **not** for commercial use
- I understand that I cannot migrate my app from non-commercial to commercial without permission
- I understand and agree with Spotify's [Developer Terms of Service](#), [Branding Guidelines](#), and [Privacy Policy](#)

SUBMIT CANCEL

# Client ID & Client Secret

Your application 'Drupal Day' has been successfully created.

[← BACK TO DASHBOARD](#)

## Drupal Day

Consumo de data (Spotify api).

Client ID      381d05f71c694a9a8d94e06423147e70

Client Secret   850b68d5523a40ca924d19a337e99f66 [RESET](#)

[HIDE CLIENT SECRET](#)



## ¿Qué es Postman?

(Felix Rendon) (18 de Enero de 2017) Postman surgió originariamente como una extensión para el navegador Google Chrome. A día de hoy dispone de aplicaciones nativas para MAC y Windows y están trabajando en una aplicación nativa para Linux (disponible en versión beta).

Está compuesto por diferentes herramientas y utilidades gratuitas (en la versión free) que permiten realizar tareas diferentes dentro del mundo API REST: creación de peticiones a APIs internas o de terceros, elaboración de tests para validar el comportamiento de APIs, posibilidad de crear entornos de trabajo diferentes (con variables globales y locales), y todo ello con la posibilidad de ser compartido con otros compañeros del equipo de manera gratuita (exportación de toda esta información mediante URL en formato JSON).

Recuperado de <https://www.paradigmadigital.com/dev/postman-gestiona-construye-tus-apis-rapidamente/>



# Download Postman

Choose your platform:



## Postman for Mac

for OS X Yosemite or later

Download



## Postman for Windows

for Windows 7 or later

x64 ▾

Download



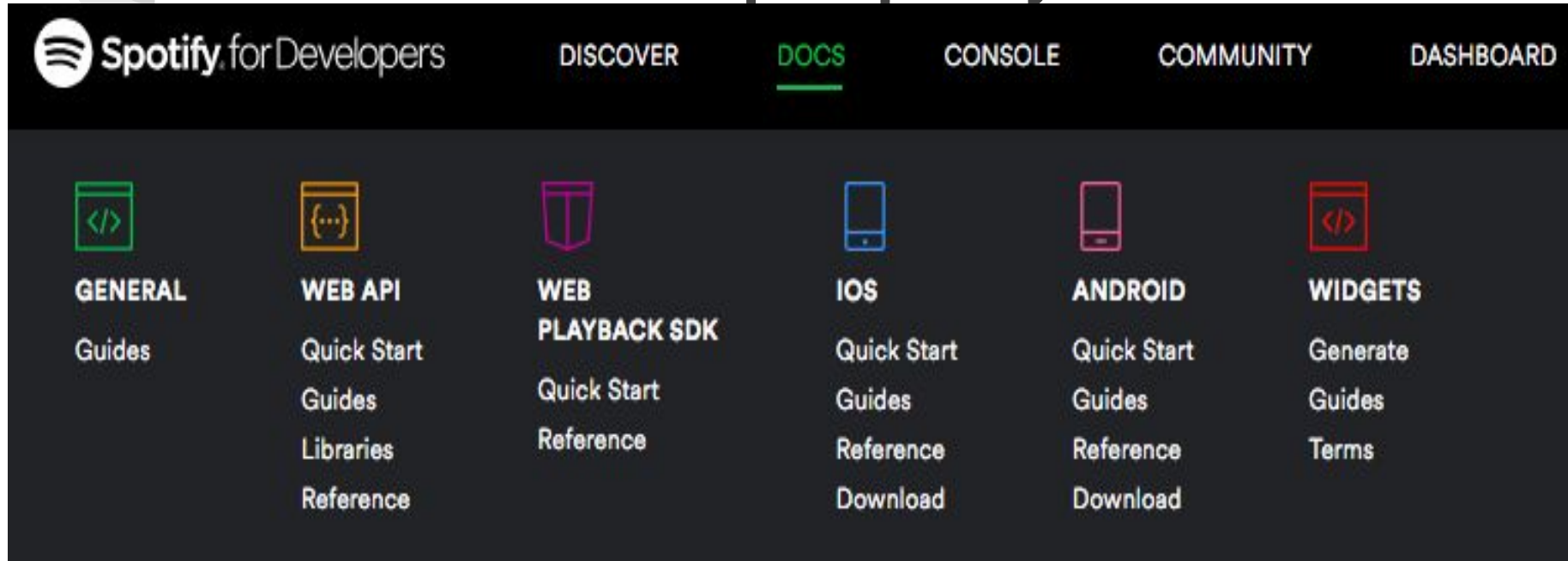
## Postman for Linux

x64 ▾







Download

<https://www.getpostman.com/apps>

# Documentacion Api (Spotify)



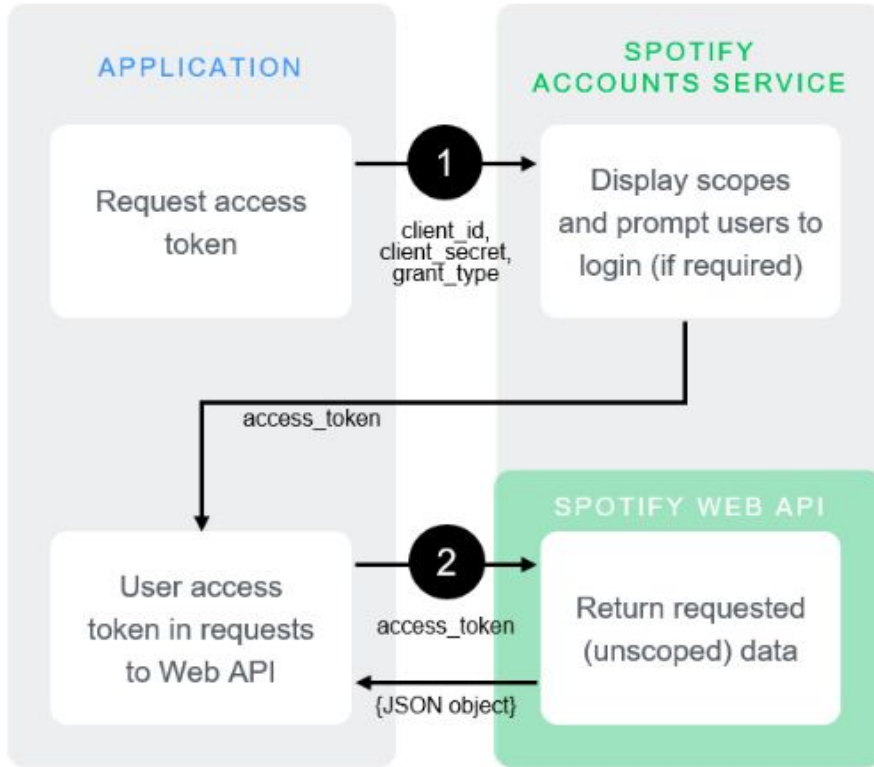
**Spotify for Developers**    DISCOVER    DOCS    CONSOLE    COMMUNITY    DASHBOARD

					
<b>GENERAL</b>	<b>WEB API</b>	<b>WEB PLAYBACK SDK</b>	<b>IOS</b>	<b>ANDROID</b>	<b>WIDGETS</b>
Guides	Quick Start	Quick Start	Quick Start	Quick Start	Generate
	Guides	Reference	Guides	Guides	Guides
	Libraries		Reference	Reference	Terms
	Reference		Download	Download	

<https://developer.spotify.com/documentation/web-api/>



# Integracion (Request data Spoty(Api))



# Obtener el access token

Spotify Examples (0) ▾

POST ▾ https://accounts.spotify.com/api/token Params Send ▾ Save ▾

Authorization Headers (1) **Body** • Pre-request Script Tests Code

form-data  x-www-form-urlencoded  raw  binary

	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	grant_type	client_credentials			
<input checked="" type="checkbox"/>	client_id	ab2c563b8cd84ea7892c53aa593d1f33			
<input checked="" type="checkbox"/>	client_secret	9406023f1bf54f9ba7b989f9b8b85544			
	<input type="text" value="New key"/>	<input type="text" value="Value"/>	<input type="text" value="Description"/>		

Body • Cookies • Headers (10) • Test Results Status: 200 OK Time: 165 ms

Pretty Raw Preview JSON ▾ ☰ 🔍

```
1 {  
2   "access_token": "BQCU75L3GXAJARuR3jkjf8HiZ1A97HVwZowJeJprW1eXV15MkaTjBsu6y3Fpj0HUa_zWRp2xcURgE7NZF_4",  
3   "token_type": "Bearer",  
4   "expires_in": 3600,  
5   "scope": ""  
6 }
```

# Code Snippets

GENERATE CODE SNIPPETS

PHP cURL ▾

```
1 <?php
2
3 $curl = curl_init();
4
5 curl_setopt_array($curl, array(
6     CURLOPT_URL => "https://accounts.spotify.com/api/token",
7     CURLOPT_RETURNTRANSFER => true,
8     CURLOPT_ENCODING => "",
9     CURLOPT_MAXREDIRS => 10,
10    CURLOPT_TIMEOUT => 30,
11    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,|
12    CURLOPT_CUSTOMREQUEST => "POST",
13    CURLOPT_POSTFIELDS => "grant_type=client_credentials&client_id
    =ab2c563b8cd84ea7892c53aa593d1f33&client_secret
    =9406023f1bf54f9ba7b989f9b8b85544",
14    CURLOPT_HTTPHEADER => array(
15        "cache-control: no-cache",
16        "content-type: application/x-www-form-urlencoded",
17        "postman-token: 209c260f-1cea-6c5b-46e8-592bdc7a8d68"
18    ),
19 ));
20
21 $response = curl_exec($curl);
22 $err = curl_error($curl);
23
24 curl_close($curl);
```

PHP cURL ▾

- HTTP
- C (LibCurl)
- cURL
- C# (RestSharp)
- Go
- Java ▶
- JavaScript ▶
- NodeJS ▶
- Objective-C (NSURL)
- OCaml (Cohttp)
- PHP ▶
- Python ▶
- Ruby (NET::Http)
- Shell ▶
- Swift (NSURL)

# Consumiendo servicios

## \* List of news Releases

The screenshot shows the Spotify for Developers console interface. At the top, there is a navigation bar with links for DISCOVER, DOCS, CONSOLE (which is underlined), COMMUNITY, and DASHBOARD. On the left side, there is a sidebar menu with the following items: CONSOLE, Albums, Artists, Browse, Follow, Library, Personalization, Player, Playlists, Search, Tracks, and Users Profile. The main content area is titled 'Get a List of New Releases' and contains a table with the following information:

Description	Get a List of New Releases <a href="#">DOCS</a>
Endpoint	https://api.spotify.com/v1/browse/new-releases
HTTP Method	GET
OAuth	Required

Below the table, there are three input fields for query parameters:

- country:
- limit:
- offset:

At the bottom, there is an 'OAuth Token' field with the value 'BQDf4GaT0yuO4WeZJzA\_pHAUXU63WJwhfowX...' and a green 'GET TOKEN' button.

# Return Get (\*List of news Releases)

```
{
  "albums": {
    "href": "https://api.spotify.com/v1/browse/new-releases?
country=SE&offset=0&limit=20",
    "items": [
      {
        "album_type": "single",
        "artists": [
          {
            "external_urls": {
              "spotify": "https://open.spotify.com/artist/2cWZ00ze0m4WmBJRnD5R7I"
            },
            "href": "https://api.spotify.com/v1/artists/2cWZ00ze0m4WmBJRnD5R7I",
            "id": "2cWZ00ze0m4WmBJRnD5R7I",
            "name": "Normani",
            "type": "artist",
            "uri": "spotify:artist:2cWZ00ze0m4WmBJRnD5R7I"
          },
          {
            "external_urls": {
              "spotify": "https://open.spotify.com/artist/7CajNmpb0ovFo0oasH2HaY"
            },
            "href": "https://api.spotify.com/v1/artists/7CajNmpb0ovFo0oasH2HaY",
            "id": "7CajNmpb0ovFo0oasH2HaY",
            "name": "Calvin Harris",
            "type": "artist",
            "uri": "spotify:artist:7CajNmpb0ovFo0oasH2HaY"
          }
        ],
        "available_markets": [
```

# Return Get (\*List of news Releases) \*Postman

The screenshot shows a Postman interface for a GET request to `https://api.spotify.com/v1/browse/new-releases`. The request is authorized with a Bearer token. The response is shown in the 'Body' tab, displaying a JSON array of album objects. The first object in the array is for the album 'Panic! At The Disco' by the artist 'Panic! At The Disco'.

```
1 {
2   "albums": {
3     "href": "https://api.spotify.com/v1/browse/new-releases?offset=0&limit=20",
4     "items": [
5       {
6         "album_type": "single",
7         "artists": [
8           {
9             "external_urls": {
10              "spotify": "https://open.spotify.com/artist/20JZFwL6HVL6yg8a4H3ZqK"
11            },
12            "href": "https://api.spotify.com/v1/artists/20JZFwL6HVL6yg8a4H3ZqK",
13            "id": "20JZFwL6HVL6yg8a4H3ZqK",
14            "name": "Panic! At The Disco",
15            "type": "artist",
16            "uri": "spotify:artist:20JZFwL6HVL6yg8a4H3ZqK"
17          }
18        ]
19      }
20    ]
21  }
```

```
{
  "categories": {
    "href": "https://api.spotify.com/v1/browse/categories?offset=0&limit=20",
    "items": [
      {
        "href": "https://api.spotify.com/v1/browse/categories/toplists",
        "icons": [
          {
            "height": 275,
            "url":
"https://t.scdn.co/media/derived/toplists_11160599e6a04ac5d6f2757f5511778f_0_0_275_275.jpg",
            "width": 275
          }
        ],
        "id": "toplists",
        "name": "Top Lists"
      },
      {
        "href": "https://api.spotify.com/v1/browse/categories/colombian",
        "icons": [
          {
            "height": null,
            "url": "https://t.scdn.co/images/a6e0ee5e3cc648f694d8071fc49b1552.jpeg",
            "width": null
          }
        ],
        "id": "colombian",
        "name": "Made in Colombia"
      },
      {
        "href": "https://api.spotify.com/v1/browse/categories/latin",
        "icons": [
          {
            "height": 275

```

# Get a List of Browse Categories

Get a List of Browse Categories

Description	Get a List of Browse Categories	<a href="#">DOCS</a>
Endpoint	https://api.spotify.com/v1/browse/categories	
HTTP Method	GET	
OAuth	Required	

country

locale

limit

offset

OAuth Token

GET TOKEN

TRY IT

FILL SAMPLE DATA

# Search for an Item

Search for an Item

Description	Search for an Item <a href="#">DOCS</a>
Endpoint	https://api.spotify.com/v1/search
HTTP Method	GET
OAuth	Required

q \*

type \*

market

limit

offset

OAuth Token

GET TOKEN

TRY IT

FILL SAMPLE DATA





## Ejemplo : Petición : Search For an Item

```
GET https://api.spotify.com/v1/search
```

```
curl -X "GET" "https://api.spotify.com/v1/search?q=rock&type=artist" -H "Accept: application/json" -H "Content-Type: application/json" -H "Authorization: Bearer BQDJPdN2JOj-2QfBfpB_zuNjIxLb7GQ-Erg91rUeW0X8Dx2Maxi-eyckzHFwdJNPhwxtbJNV45T7aNI5r3VntUM0RGlm1Vmj4Pt2QgqXELa1MM7nqsJWudnwjm5_G1tG2GcQLiqr3EIZ9Nthq87F_x4578nACnX1XM4DQ"
```

# Presentación && Desarrollo



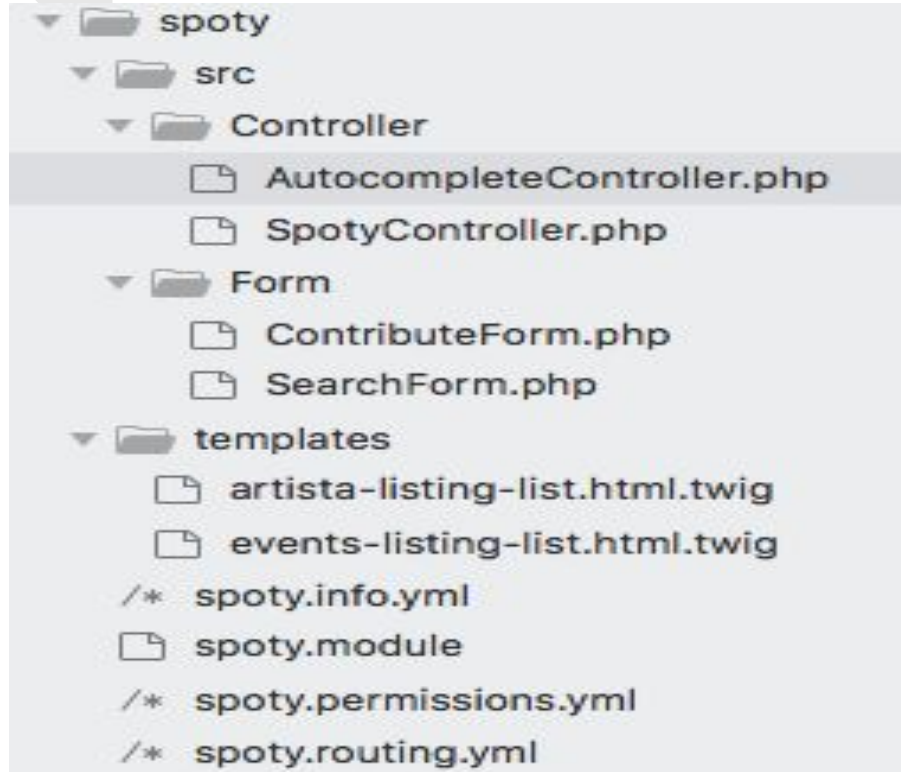
<http://dev-virglio.pantheonsite.io>

**User: root**

**Passwd: master**

Código Fuente: <https://github.com/jdcb1218/spotify.git>

# Codigo



# GitHub



<https://github.com/jdcb1218/spotify.git>

Muchas Gracias

