



Spotify API for Beginners

Interacting with Spotify through your web app.

Arielle Vaniderstine, Developer Advocate Engineer

Hi, I'm Arielle



I'm a **Developer Advocate Engineer** at Spotify. My job is to make the Spotify Platform engaging and easy to use.

Part of that job means telling people like you about Spotify and helping you make cool things!



This is an **INTERACTIVE** workshop

If you see a **yellow slide** (like this one), follow the instructions.

Have a burning question?

Raise your hand at any time during the workshop.

Introduction

What's an API?

API stands for **Application Programming Interface**

They let you perform certain tasks or get certain data from other services, like Spotify.

Spotify API

Access most Spotify data

Get audio features and analysis

Control Spotify Connect



Web API Console

Interactive API Console

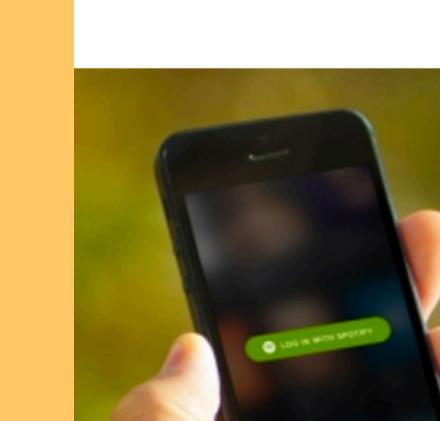
An online tool to try out the Spotify Web API.

dev.spotify.com

Go to the Spotify Developer website.

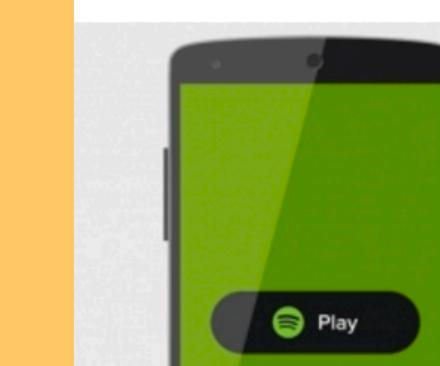
API Console

[Navigate to the Web API Console](#)



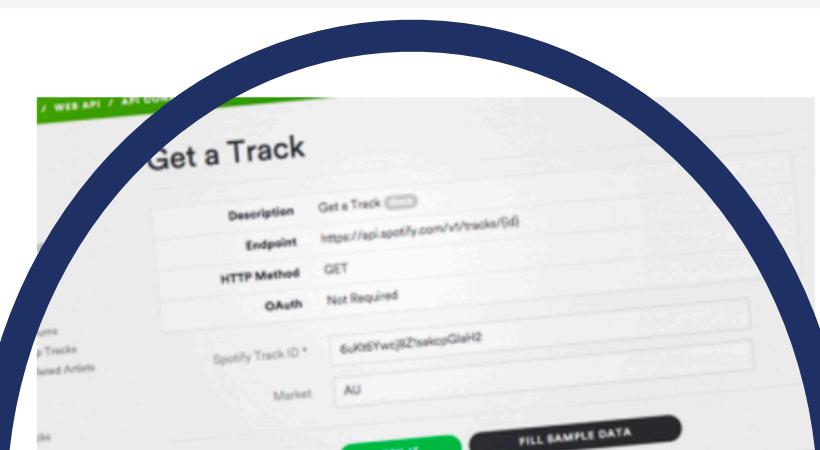
Web API

Build your applications
with Spotify music
and playlists.
[Read more](#)



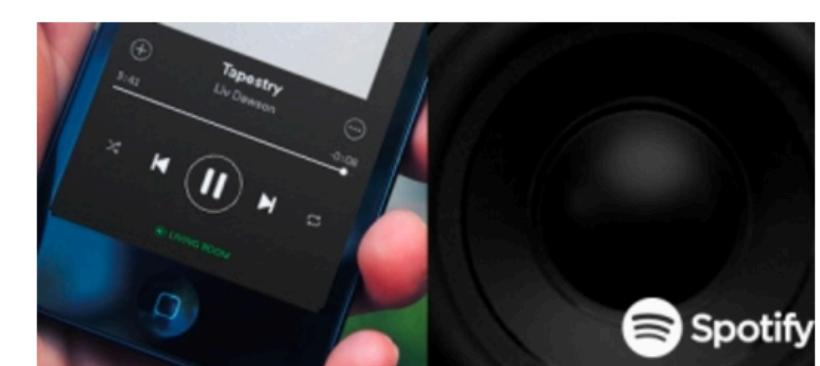
Android SDK

Build audio streaming,
and other Spotify
apps. [Read more](#)



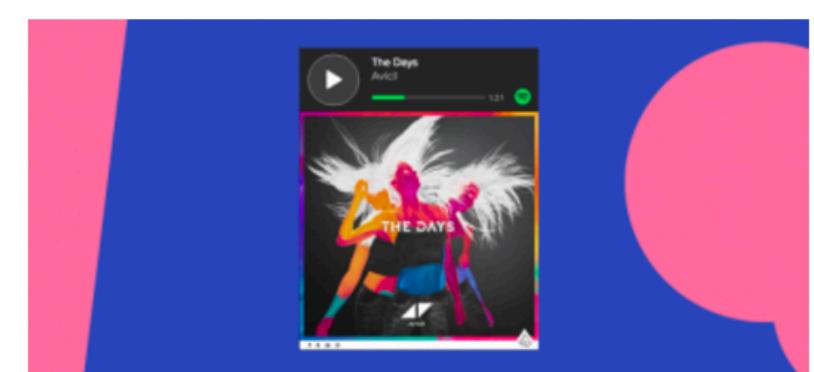
Web API Console

Quickly test requests to our Web API
and get back live JSON data and
formatted cURL requests, with full
OAuth and scope support.



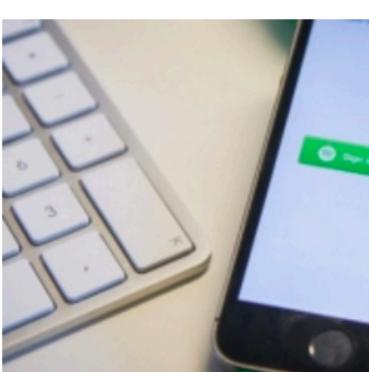
iOS SDK

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Spotify Play Button

Add a Spotify Play Button to your
blog, website, or social page—all
your fans have to do is hit “Play” to
enjoy the music. [Read more](#)



Spotify iOS

(Beta) The Spotify iOS
SDK makes it easy to add streaming
authentication and other features to iOS apps.



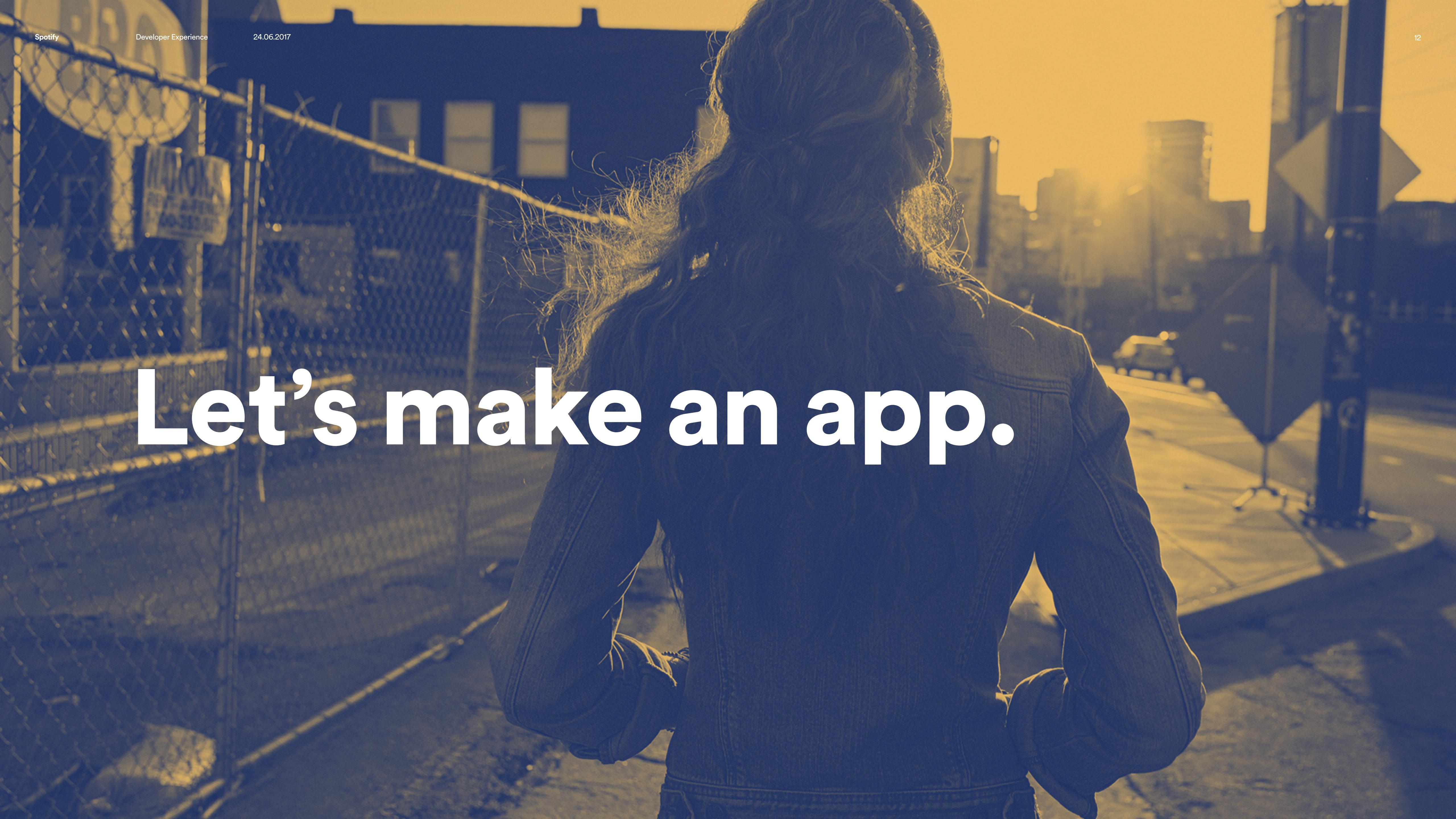
Developer Showcase

Here are just a few of the latest
applications that have been built with
our APIs, SDKs, and other developer
tools. [Read more](#)



Design Reso

Hello partner. We
for partner guideli
want to make it ea
integrate Spotify i

A photograph of a woman with long, dark, wavy hair, seen from behind and slightly to the side. She is wearing a denim jacket and jeans, standing on a bridge. In the background, a city skyline is visible under a clear sky.

Let's make an app.

Your First App

We're going to make a simple **web app** using **Node.JS** that will get data from the Spotify API and display it on our web page.

But I don't know JavaScript! 😱

That's ok. You got this. 💪

spotifyapi-workshop.glitch.me

Go to the project.

Remix!

Click to remix on Glitch.

The screenshot shows a Glitch project interface. At the top, there's a navigation bar with a 'Show' button and a green 'Live' button. Below the navigation is a toolbar with a back arrow, a 'Remix this' button (which is circled in blue), and a 'Markdown' button. The main content area features a large title 'Spotify API Web' and a description: 'A basic Node app that integrates with the Spotify API'. Below this, there's another section starting with 'This app uses the *Client*' followed by some text about OAuth. At the bottom, there are file navigation buttons for 'js' and 'css'.

Show Live

Remix this

Markdown

Spotify API Web

A basic Node app that integrates with the Spotify API

This app uses the *Client* to get access tokens. You can only get non-user-specific tokens with this Client.

Getting Started

Authorization

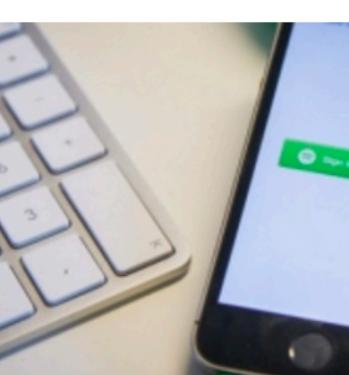
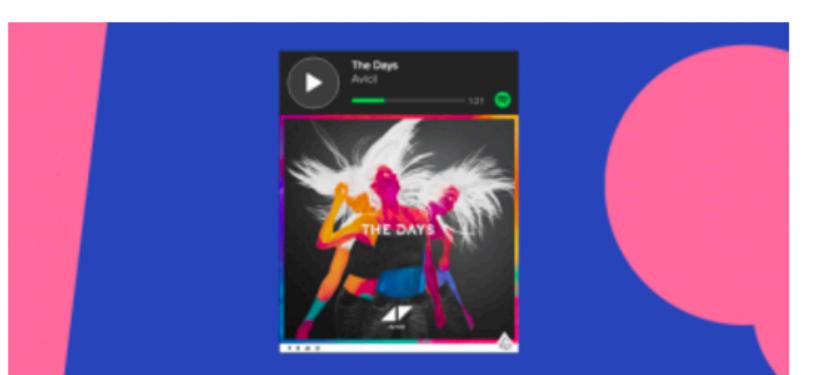
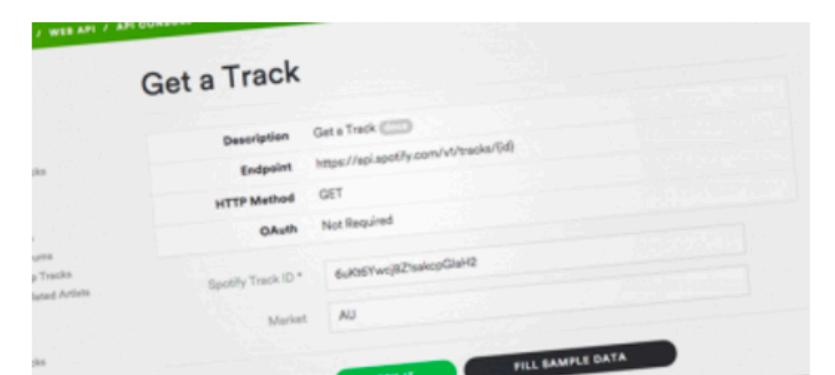
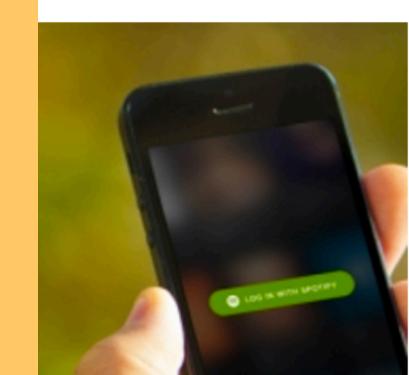
To get data from the Spotify API, we need to authorize our app.

We're using the Client Credentials Flow, that allows our app to get non-user-specific data from the API.



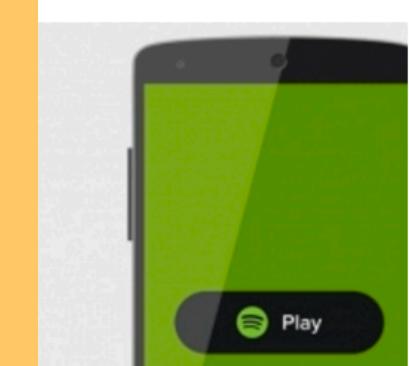
My Apps

Navigate to the My Apps dashboard and create a new app!



API

Your applications can access Spotify music and user's playlists
[Read more](#)

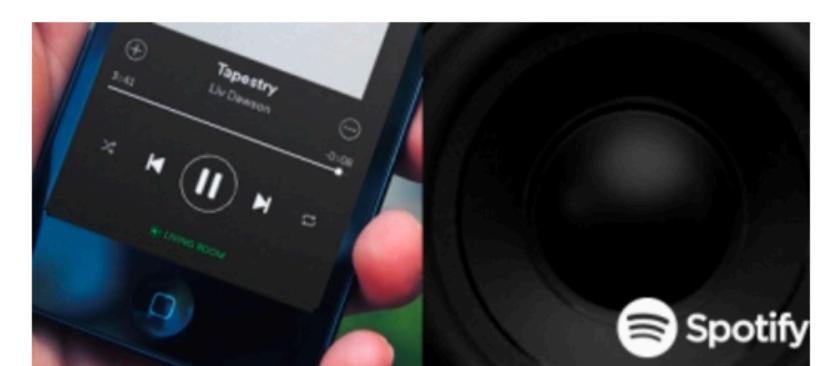


Android SDK

The Android SDK makes it easy to add audio streaming, playback controls, and other Spotify features to your apps. [Read more](#)

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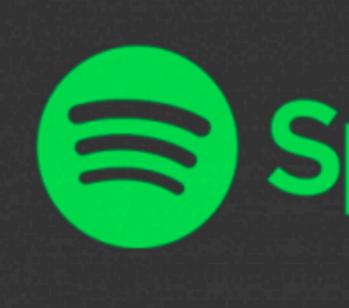
Integrate Spotify Connect into your product

Want to integrate Spotify Connect to your product? [Read more](#)



Developer Showcase

Here are just a few of the latest applications that have been built with our APIs, SDKs, and other developer tools. [Read more](#)



Design Resources

Hello partner. We've got you covered with design resources for partner guidelines, developer toolkits, and more. If you want to make it easier for your users to discover and interact with your app, we've got you covered. [Read more](#)

Follow instructions in README

You can find the README in the left panel. Raise your hand if you run into issues.

Apps with User Data

spotifyapi-workshop-2.glitch.me

Go to the project.

Ending Notes

Ask me for help with your Spotify apps!

Talk to me about web dev, CSS,
travelling, #lifeatspotify, Sweden, or
hedgehogs.    

Interested in jobs at Spotify? Let's talk!



@imariari

arielle@spotify.com

Contact me anytime!