

The *Spotify Web API* is a powerful tool that allows you to access and make changes to songs, albums, playlists, and other data objects stored in Spotify's database. The best part is, it's **completely free!**

In this tutorial, you will learn:

- How to install the API in Eclipse
- How to register your application

Install the API

To use the Spotify Web API, We'll need a 3rd party library to help our application communicate with Spotify's servers. Luckily for us, Spotify has provided us with one [Here](#). However, since the API library depends on other 3rd party libraries that we don't have, we must install it as a Maven dependency.

Installing the Maven Dependency

Step	Instruction
Convert project	First, right click on your java project and select configure -> convert to maven project
Open dependency dialog	Left click on the folder again and select maven -> add dependency A dialog box should prompt you for a group id , an artifact id , and a version .
Find dependency info	Find the latest version of the library here . Select the file <code>spotify-web-api-version.jar</code> and copy the information into the dialog box in Eclipse
Confirm	Click "Ok." The library binaries should appear in your project under Maven Dependencies

Register your application

In order to get faster request speeds or access any user-specific data, you will have to **register** your application with [Spotify's Developer Page](#). You'll need a spotify account (both free and premium accounts will work)

After creating an account, go to the *My Applications* page and select "**Create an App**". After submitting a name and description for your application, you will be provided with a **Client ID** and a **Secret ID**. Store these keys somewhere safe, you will need them for the [Authorization Code Flow](#).

Create an Application

Application Name *

Your application name. Max 60 chars.

Application Description *

A short description of your application. Max 250 chars.

CREATE

CANCEL

Client ID 90439313320f425bab564f54670beca7

Client Secret ab2f2479e25c449c8be35b19865c6f3e

Always store keys securely! [Regenerate](#) your client secret if you suspect it has been compromised!

Redirect URIs <http://localhost:8888/callback>

[Remove](#)

Set a **Redirect URI** if you plan on authenticating users. The link does not have to work, but the user sign-in page has to redirect to somewhere or it will cause an error.

All Done!

You are now all set to start programming with the Spotify Web API! For documentation on how to use the API, check out the [readme](#).