Spotify for Developers

Series One

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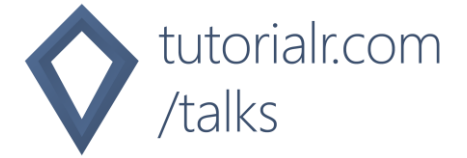
Spotify for Developers

Discover

Spotify's Features	
Audio Features & Analysis	Explore audio features and in-depth audio analysis of tracks
Playback	Bring music from Spotify to your application
Recommendations	Customise and serve Spotify's recommendations to your users
Search	Find any track, artist, album or playlist on Spotify
Playlists	Manage Spotify users' playlists directly from your application
Metadata	Access information about any track, artist or album
Curated Content	Get market-specific featured playlists and new releases from Spotify
User Taste	Read more about the user's listening tastes on Spotify

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Docs & Console

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Use Cases

| AUDIO | VOICE | WEARABLES | EMERGING |

Dashboard
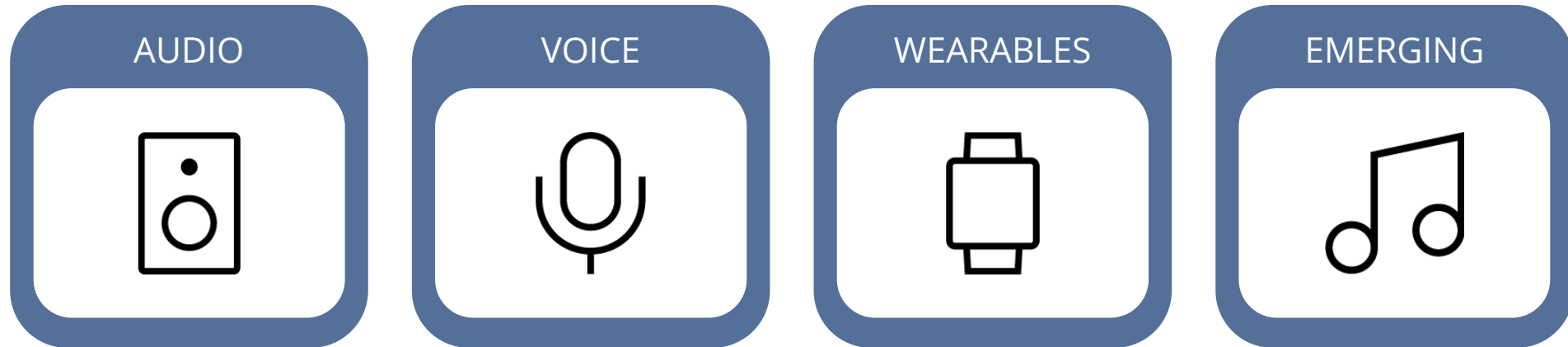
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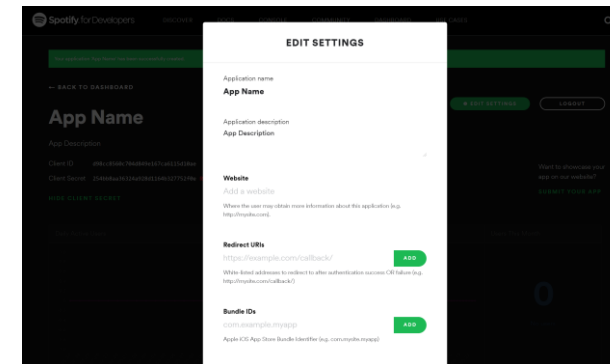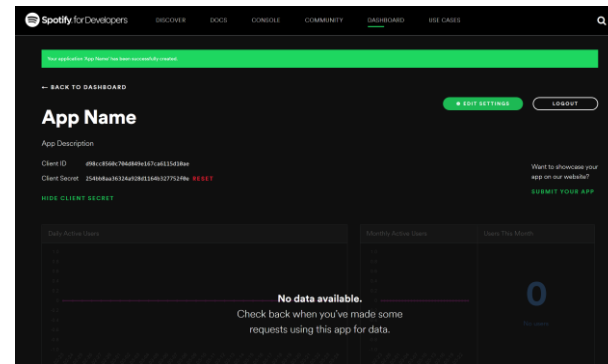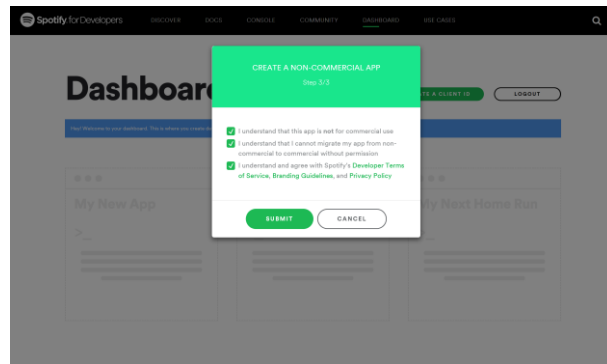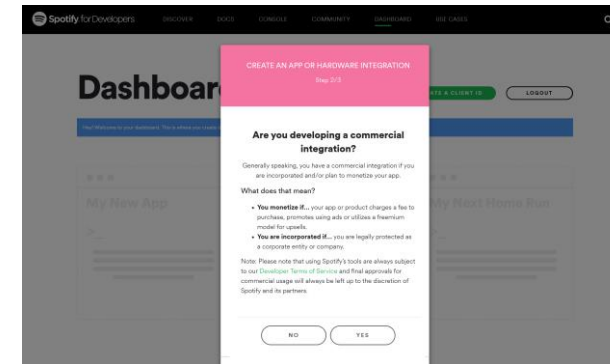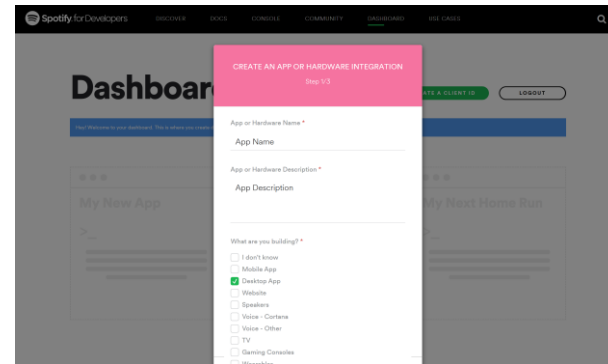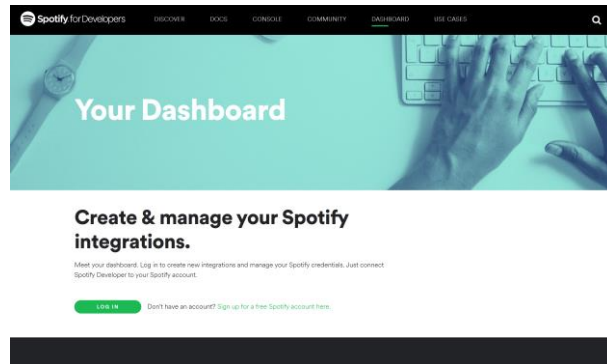
Authorisation

Spotify for Developers

Overview

USER → APPLICATION → SPOTIFY
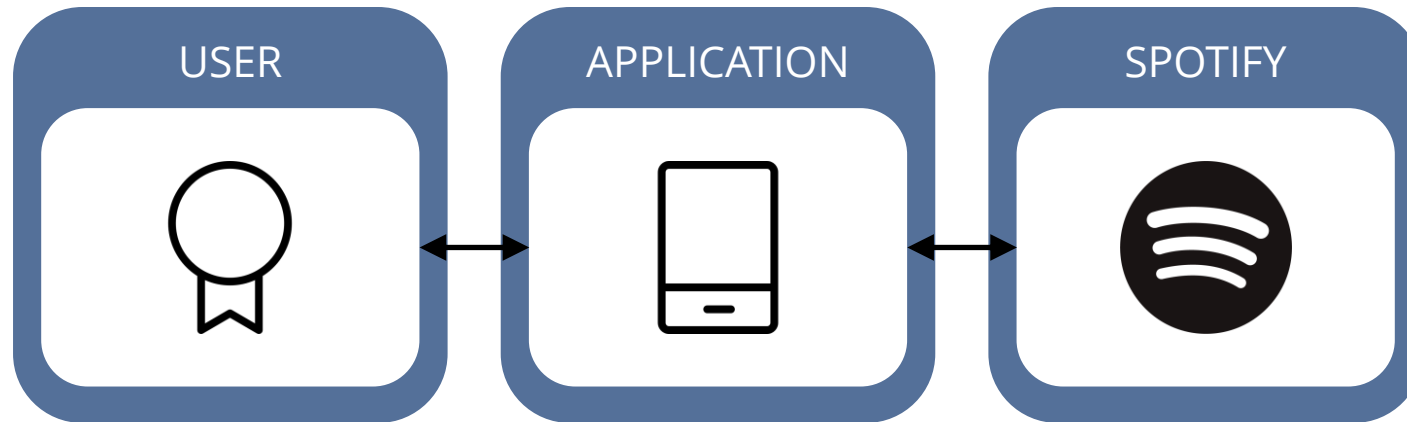
Authorisation

Scopes

Images
ugc-image-upload

Spotify Connect
user-read-playback-state

user-modify-playback-state

user-read-currently-playing

Playback
app-remote-control

streaming

Users
user-read-email

user-read-birthdate

user-read-private

Playlists
playlist-read-private

playlist-modify-public

playlist-modify-private

playlist-read-collaborative

Library
user-library-modify

user-library-read

Listening History
user-read-recently-played

user-top-read

Follow
user-follow-read

user-follow-modify

Authorisation

Authorise

Authorisation

Flows

Authorisation
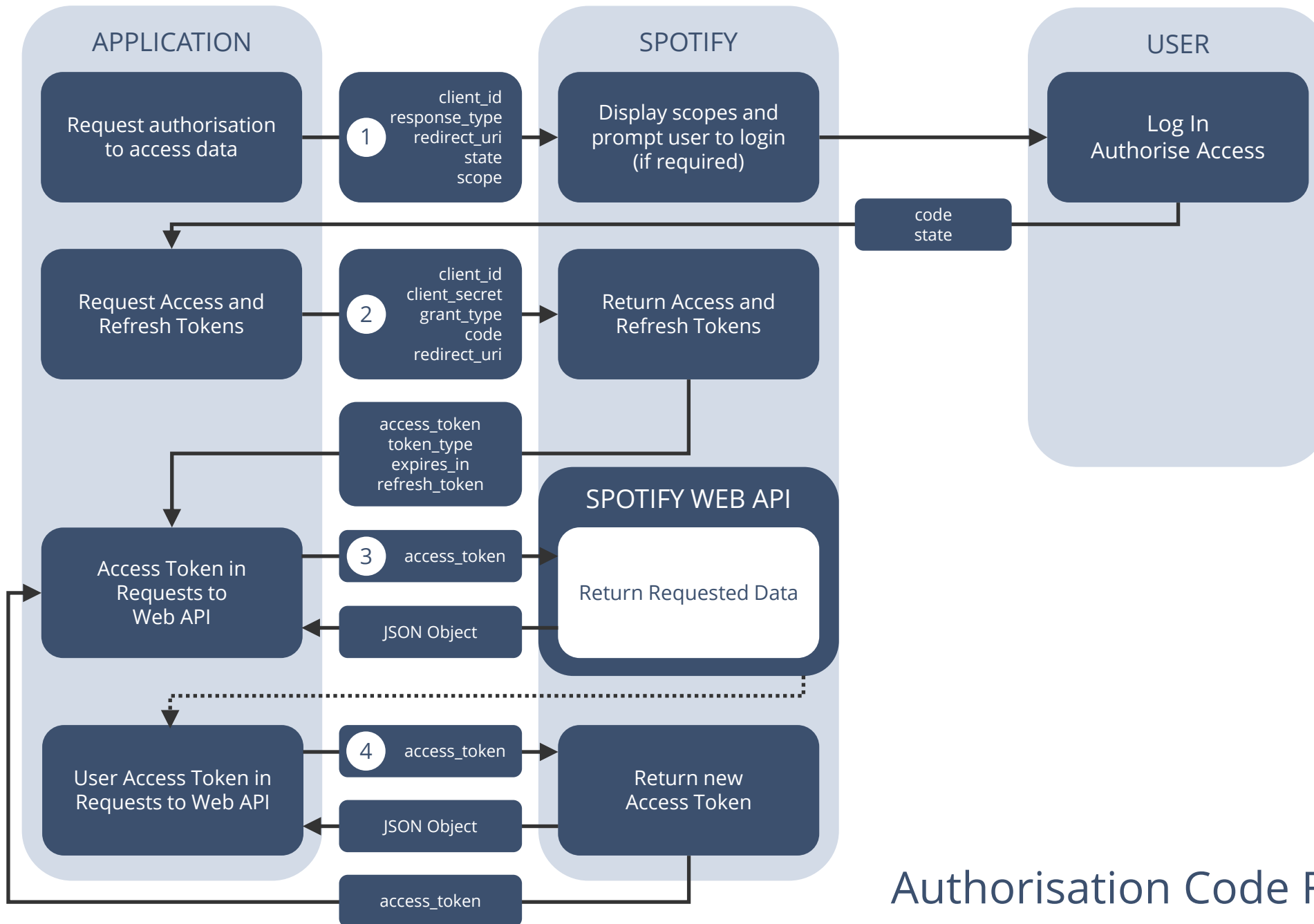
Authorisation Code Flow
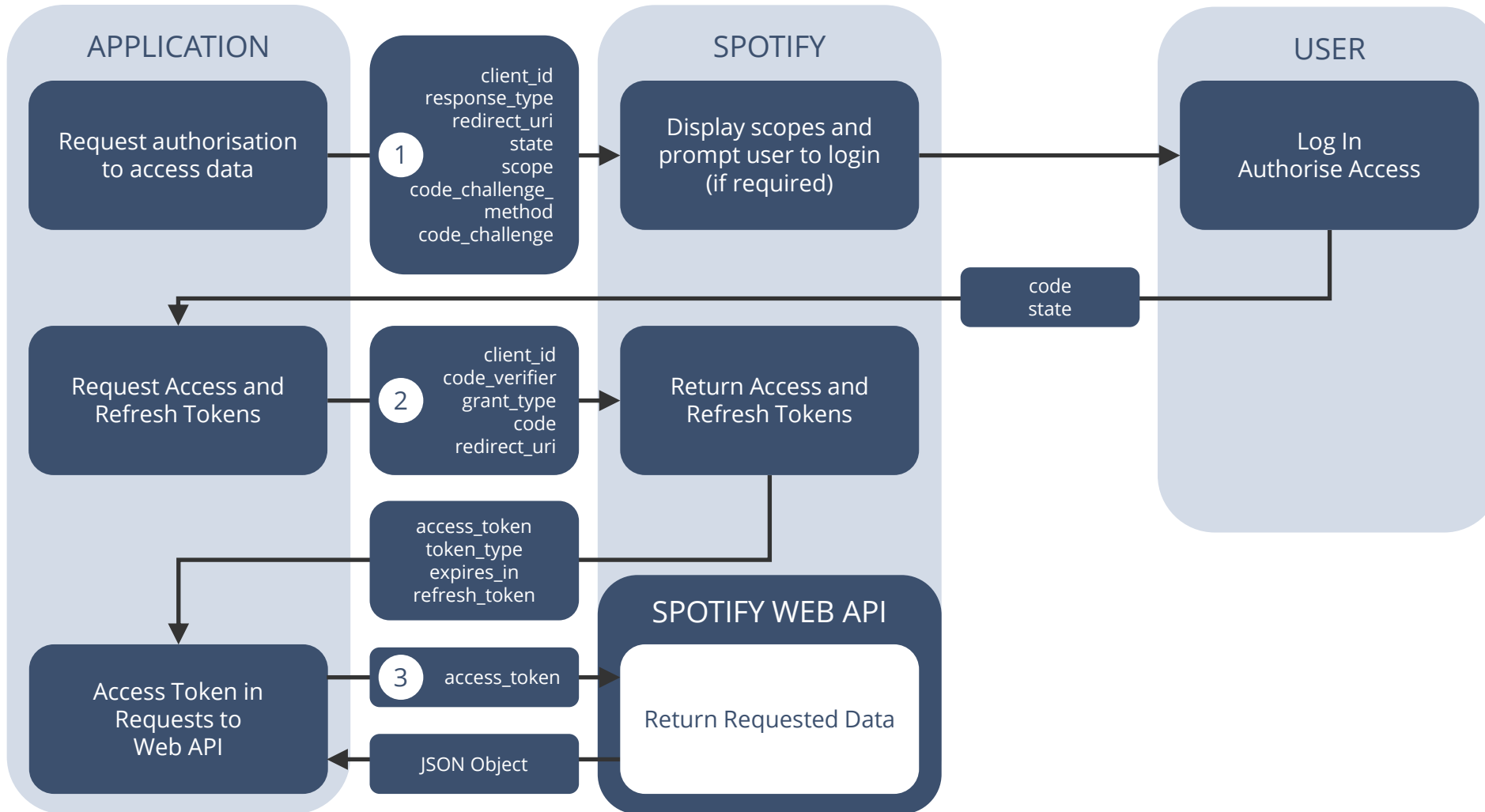
Authorisation Code with Proof Key for Code Exchange Flow

Implicit Grant Flow

Client Credentials Flow
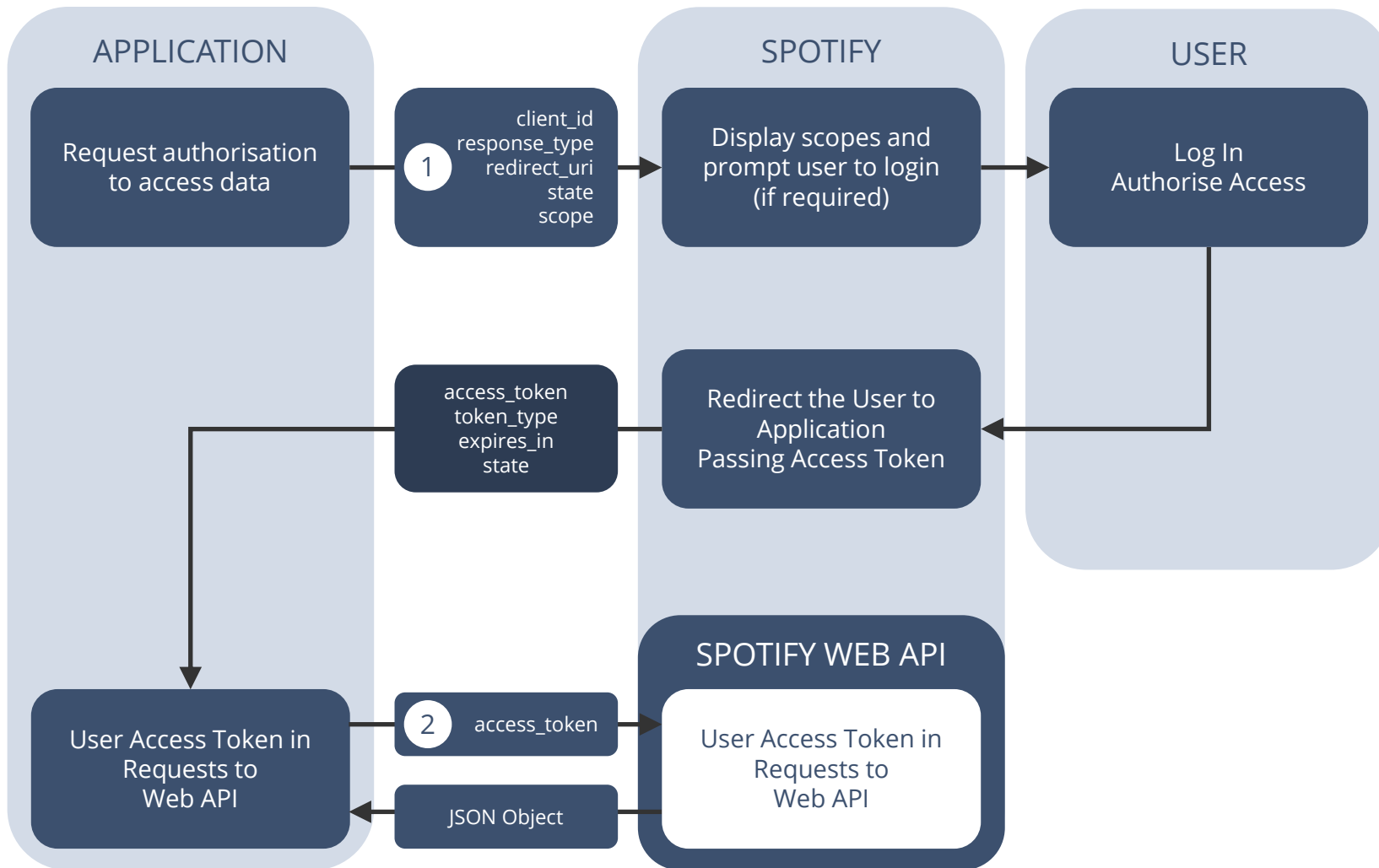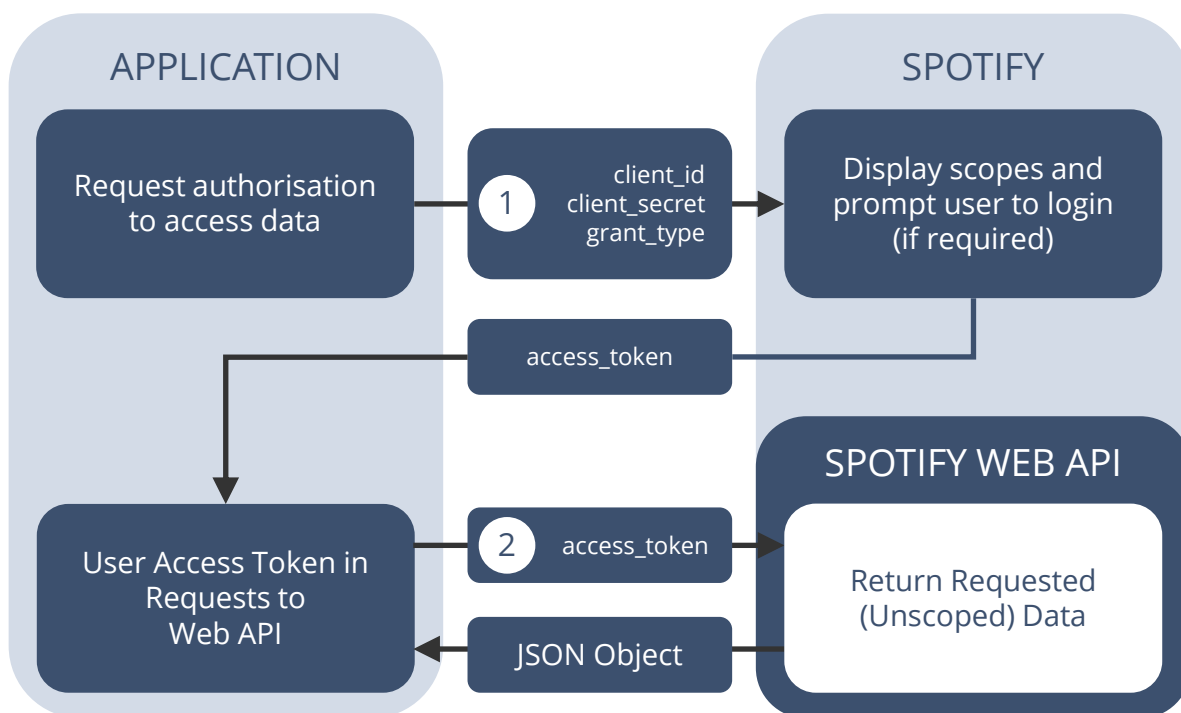
Spotify Web API

Spotify for Developers

Overview
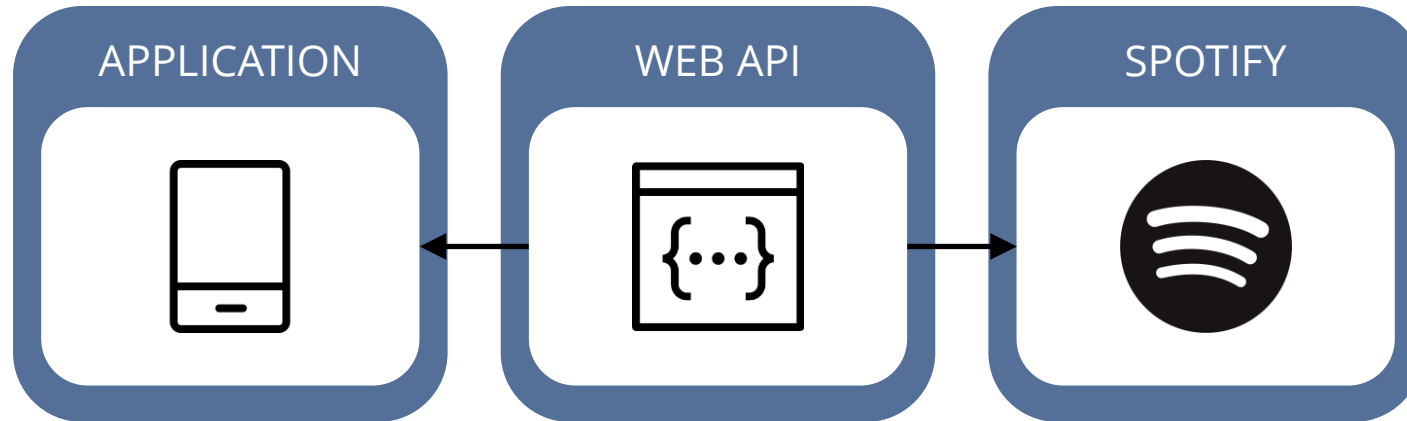
Spotify Web API

Requests

Spotify Web API

Albums API

Get Multiple Albums	Get multiple Albums identified by their Spotify IDs
Get an Album	Get information for an Album
Get an Album's Tracks	Get information about an Album's Tracks

Artists API

Get Multiple Artists	Get several Artists based on their Spotify IDs
Get an Artist	Get information for an Artist
Get an Artist's Top Tracks	Get an Artist's top Tracks by country
Get an Artist's Related Artists	Get Artists similar to a given Artist based on analysis of the Spotify community's listening history
Get an Artist's Albums	Get information about an Artist's Albums

Browse API

Get All New Releases	Get a list of new Album releases featured in Spotify shown in Spotify player's 'Browse' tab
Get All Featured Playlists	Get a list of Spotify featured Playlists shown in Spotify player's 'Browse' tab
Get All Categories	Get a list of Categories used to tag items in Spotify shown in Spotify player's 'Browse' tab
Get a Category	Get a single Category used to tag items in Spotify shown in Spotify player's 'Browse' tab
Get a Category's Playlists	Get a list of Spotify Playlists tagged with a particular Category
Get Recommendations	Get Recommendations for a given seed entity and matched against similar artists and track
Get Recommendation Genres	Retrieve a list of available Genres seed parameter values for Recommendations

Episode API

Get Multiple Episodes	Get several Episodes based on their Spotify IDs
Get an Episode	Get an Episode identified by its unique Spotify ID

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Requests

Follow API

Follow a Playlist	Add the Current User as a Follower of a Playlist
Unfollow Playlist	Remove the Current User as a Follower of a Playlist
Check if Users Follow a Playlist	Check to see if one or more Spotify Users are Following a specified Playlist
Get User's Followed Artists	Get the Current User's Followed Artists
Follow Artists or Users	Add the Current User as a Follower of one or more Artists or other Spotify Users
Unfollow Artists or Users	Remove the Current User as a Follower of one or more Artists or other Spotify Users
Get Following State for Artists/Users	Check to see if the Current User is following one or more Artists or other Spotify Users

Library API

Get User's Saved Albums	Get a list of the Albums Saved in the Current User's 'Your Music' Library
Save Albums for Current User	Save one or more Albums to the Current User's 'Your Music' Library
Remove Albums for Current User	Remove one or more Albums from the Current User's 'Your Music' Library
Check User's Saved Albums	Check if one or more Albums is already Saved in the Current User's 'Your Music' Library
Get User's Saved Tracks	Get a list of the Tracks saved in the Current User's 'Your Music' Library
Save Tracks for User	Save one or more Tracks to the Current User's 'Your Music' Library
Remove User's Saved Tracks	Remove one or more Tracks from the Current User's 'Your Music' Library
Check User's Saved Tracks	Check if one or more Tracks is already Saved in the Current User's 'Your Music' Library
Get User's Saved Shows	Get a list of Shows Saved in the Current User's Library
Save Shows for Current User	Save one or more Shows to Current User's Library
Remove User's Saved Shows	Delete one or more Shows from Current User's Library
Check User's Saved Shows	Check if one or more Shows is already Saved in the Current User's Library

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Requests

Personalisation API

Get User's Top Artists / Tracks	Get the current user's top artists or tracks based on calculated affinity

Player API

Get Information About the User's Current Playback	Get information about the User's current Playback state, including Track or Episode, Progress, and active Device
Transfer a User's Playback	Transfer Playback to a new Device and determine if it should start Playing
Get a User's Available Devices	Get information about a User's available Devices
Get the User's Currently Playing Track	Get the Object currently being played on the User's Spotify account
Start/Resume a User's Playback	Start a new Context or Resume current playback on the User's active Device
Pause a User's Playback	Pause Playback on the User's account
Skip User's Playback To Next Track	Skips to next Track in the User's Queue
Skip User's Playback To Previous Track	Skips to previous Track in the User's Queue
Seek To Position In Currently Playing Track	Seeks to the given Position in the User's currently Playing Track
Set Repeat Mode On User's Playback	Set the Repeat Mode for the User's Playback
Set Volume For User's Playback	Set the Volume for the User's current Playback Device
Toggle Shuffle For User's Playback	Toggle Shuffle On or Off for User's Playback
Get Current User's Recently Played Tracks	Get tracks from the Current User's recently Played Tracks
Add an Item to Queue	Add an item to the end of the User's current Playback Queue

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Requests

Playlists API

Get a List of Current User's Playlists	Get a list of the Playlists Owned or Followed by the current Spotify User
Get a List of a User's Playlists	Get a list of the Playlists Owned or Followed by a Spotify User
Create a Playlist	Create a Playlist for a Spotify User
Get a Playlist	Get a Playlist Owned by a Spotify User
Change a Playlist's Details	Change a Playlist's Name and Public/Private state Owned by the current Spotify User
Get a Playlist's Items	Get full details of the Items of a Playlist Owned by a Spotify User
Add Items to a Playlist	Add one or more Items to a User's Playlist
Reorder or Replace a Playlist's Items	Reorder or Replace Items in a Playlist to replace or clear items in a Playlist
Remove Items from a Playlist	Remove one or more Items from a User's Playlist
Get a Playlist Cover Image	Get the current Image associated with a specific Playlist
Upload a Custom Playlist Cover Image	Replace the Image used to represent a specific Playlist

Search API

Search for an Item	Get Albums, Artists, Playlists, Tracks, Shows or Episodes that match a keyword string

Shows API

Get Multiple Shows	Get several Shows based on their Spotify IDs
Get a Show	Get a single Show identified by its unique Spotify ID
Get a Show's Episodes	Get information about a Show's Episodes

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Requests

Tracks API	
Get Several Tracks	Get multiple tracks based on their Spotify IDs
Get a Track	Get a single Track identified by its unique Spotify ID
Get Audio Features for Several Tracks	Get Audio Features for multiple Tracks based on their Spotify IDs
Get Audio Features for a Track	Get Audio Feature information for a single Track identified by its unique Spotify ID
Get Audio Analysis for a Track	Get a detailed Audio Analysis for a single Track identified by its unique Spotify ID

User Profile API	
Get Current User's Profile	Get several Shows based on their Spotify IDs
Get a User's Profile	Get a single Show identified by its unique Spotify ID

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Requests

Responses

Spotify Web API

Objects Index

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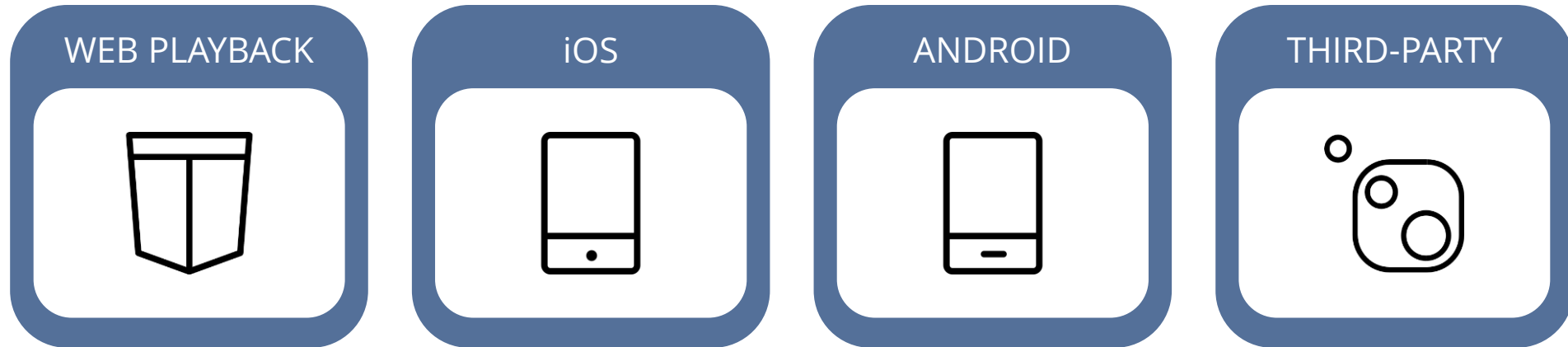|		
AlbumObject	ErrorObject	SavedShowObject
ArtistObject	ExternalIdObject	SavedTrackObject
AudioFeaturesObject	PagingObject	ShowObject
CategoryObject	PlayHistoryObject	SimplifiedAlbumObject
ContextObject	PlaylistObject	SimplifiedEpisodeObject
CurrentlyPlayingObject	PlaylistTrackObject	SimplifiedShowObject
CursorObject	PrivateUserObject	SimplifiedTrackObject
CursorPagingObject	PublicUserObject	TrackObject
DeviceObject	RecommendationSeedObject	TuneableTrackObject
DevicesObject	RecommendationsResponseObject	
EpisodeObject	ResumePointObject	

Responses

Spotify SDKs

Spotify for Developers

Overview

| WEB PLAYBACK | iOS | ANDROID | THIRD-PARTY |

Spotify SDKs

Spotify.NetStandard

Details	
NuGet	nuget.org/packages/Spotify.NetStandard
GitHub	github.com/RoguePlanetoid/Spotify-NetStandard

NuGet	
Package Manager	PM> Install-Package Spotify.NetStandard
.NET CLI	> dotnet add package Spotify.NetStandard

Example

```
using Spotify.NetStandard.Client;
using Spotify.NetStandard.Requests;

var client = SpotifyClientFactory.CreateSpotifyClient("client-id","client-secret");
var response = await client.LookupNewReleasesAsync(page: new Page() { Limit = 10 });
foreach (var album in response.Albums.Items)
{
    Console.WriteLine(album.Name);
}
```

Third-party SDKs

Spotify.NetStandard.Sdk

Details	
NuGet	nuget.org/packages/Spotify.NetStandard.Sdk
GitHub	github.com/RoguePlanetoid/Spotify-NetStandard-Sdk

NuGet	
Package Manager	PM> Install-Package Spotify.NetStandard.Sdk
.NET CLI	> dotnet add package Spotify.NetStandard.Sdk

Example

```
using Spotify.NetStandard.Sdk;

var client = SpotifySdkClientFactory.CreateSpotifySdkClient("client-id","client-secret");
var request = new AlbumsRequest() { AlbumType = AlbumType.NewReleases };
var response = client.ListAlbumsAsync(request);
foreach (var album in response.Items)
{
    Console.WriteLine(album.Name);
}
```

Third-party SDKs

Spotify.Uwp

Details	
NuGet	nuget.org/packages/Spotify.Uwp
GitHub	github.com/RoguePlanetoid/Spotify-Uwp

NuGet	
Package Manager	`PM> Install-Package Spotify.Uwp`
.NET CLI	`> dotnet add package Spotify.Uwp`

Example

```
using Spotify.NetStandard.Sdk;

var client = SpotifySdkClientFactory.CreateSpotifySdkClient("client-id","client-secret");
var model = new ListAlbumViewModel(client, AlbumType.NewReleases);
```
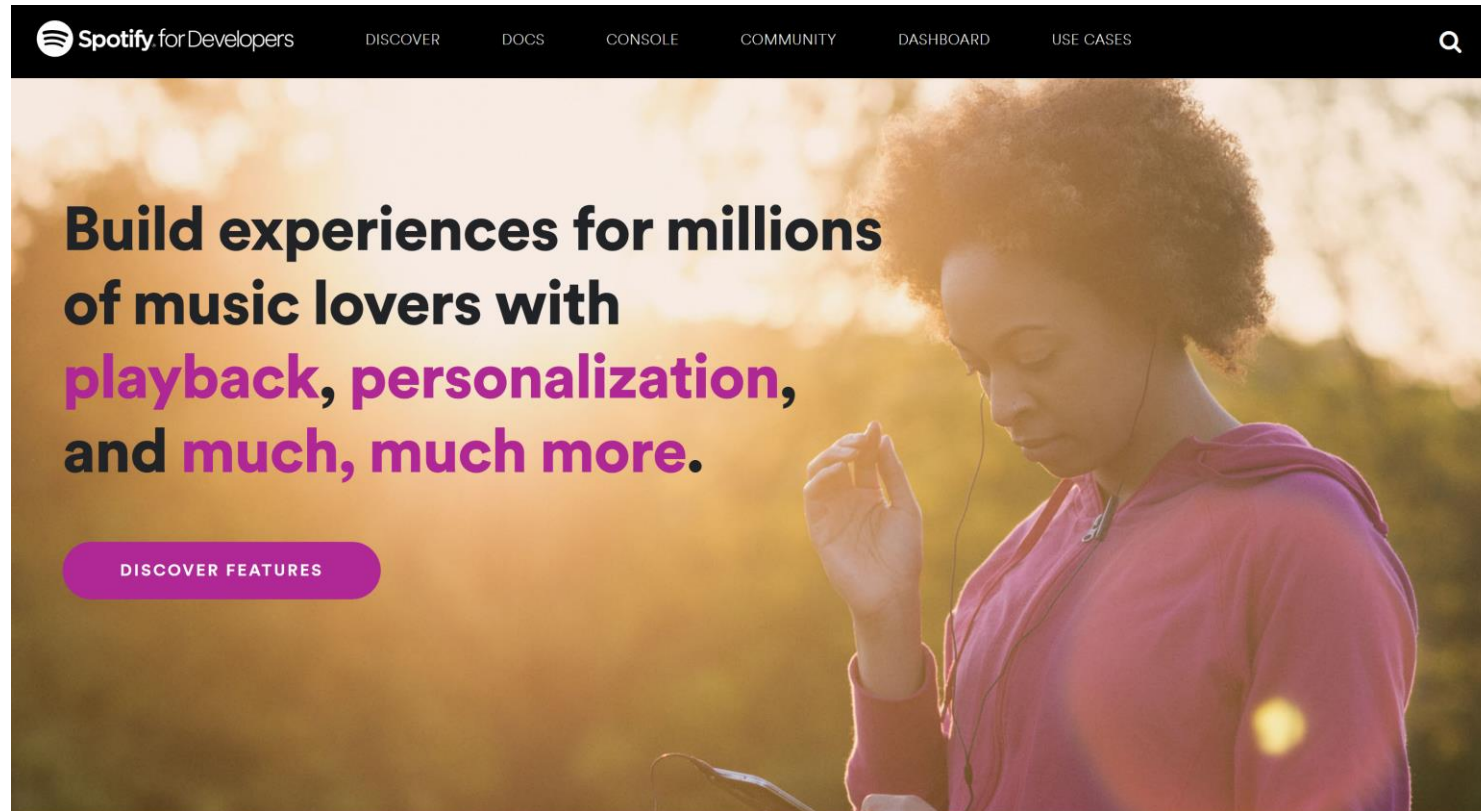
Third-party SDKs
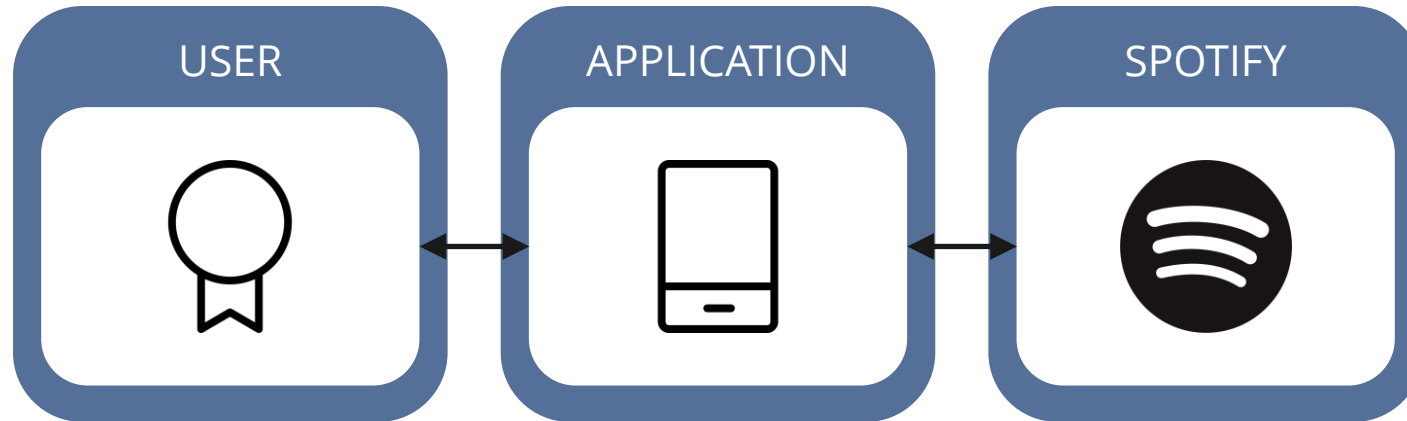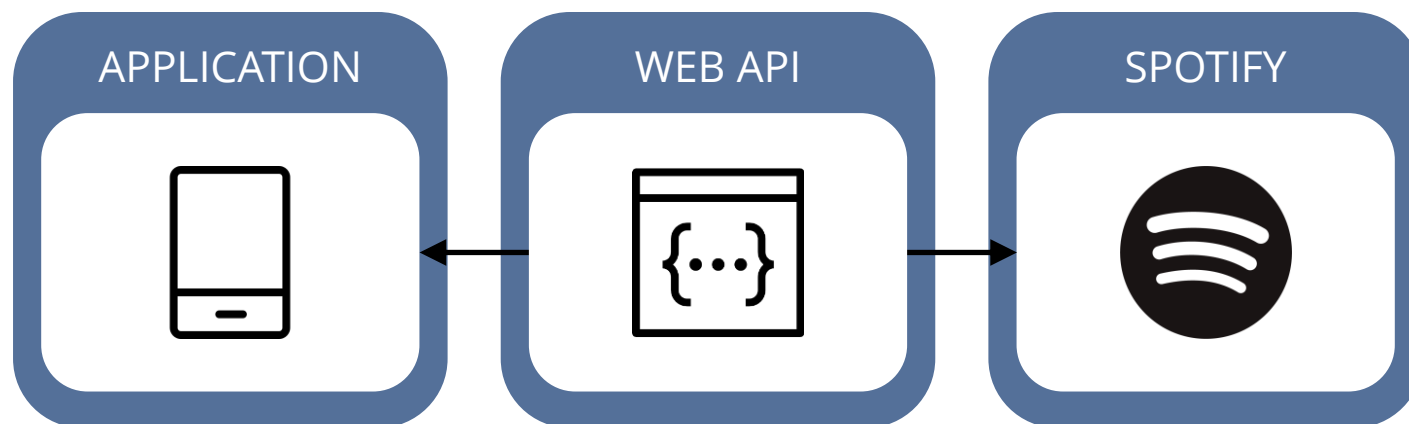
Summary

Spotify for Developers

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Spotify for Developers   DISCOVER   DOCS   CONSOLE   COMMUNITY   DASHBOARD   USE CASES

Build experiences for millions of music lovers with **playback**, **personalization**, **and** **much, much more**.

DISCOVER FEATURES

Summary

Authorisation

USER ↔ APPLICATION ↔ SPOTIFY

Summary

Web API

APPLICATION WEB API SPOTIFY

Summary

SDKs

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| WEB PLAYBACK | iOS | ANDROID | THIRD-PARTY |

Summary

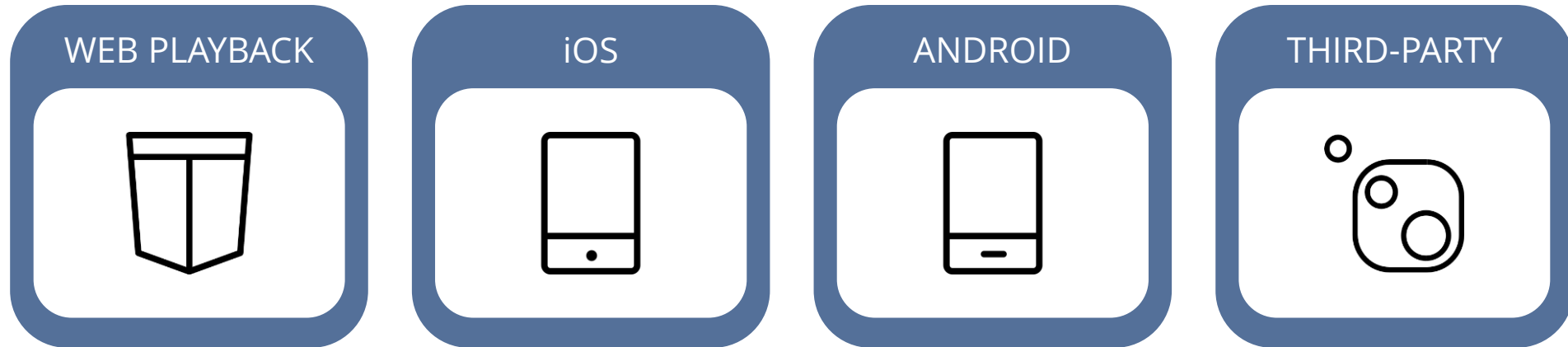# Spotify for Developers

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