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Spotify for Developers Episodes & Shows



Get an Episode

Get Spotify catalogue information for a single episode identified by its unique Spotify Id.

	GET https://api.spotify.com/v1/episodes/{id}							
	Header							
Authorization	Valid Access Token or User Token from Spotify Accounts service with user-read-playback-							
	position scope to read user's resume points on episode objects							
	Path Parameter							
id	The Spotify Id for the episode							
	An ISO 3166-1 alpha-2 country code. If a country code is specified, only shows and episodes that are available in that market will be returned.							
market	If a valid user access token is specified in the request header, the country associated with the user account will take priority over this parameter. If neither market nor user country are provided, the content is considered unavailable for the client. Users can view the country that is associated with their account in the account settings.							

Header	Response				
Success					
HTTP Status 200 OK	HTTP Status 200 OK Episode Object				
	Error				
Error Code	Error Object				

Step 1

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In Windows 10 choose Start, and then from the Start Menu find and select Visual Studio 2019

Open a <u>p</u>roject or solution

Open a local Visual Studio project or .sln file

Open Project/Solution		×
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Desktop	SpotifyForDevelopers	01/02/2020 17:18
Documents	SpotifyForDevelopers.sln	22/01/2020 19:52
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Music		
Nictures		
🚆 Videos		
Uindows (C:)		
🔮 Network	,	_
File <u>n</u>	ne: SpotifyForDevelopers.sln ~	All Project Files (*.sln;*.dsw;*.vcv ~
	Do not load projects	Qpen Cancel

Once done, from the **Get started** screen for **Visual Studio 2019** select **Open a project or solution**

Then locate and select **SpotifyForDevelopers.sln** and select **Open** if you don't have this file already then please follow the previous parts of the workshop including **Getting Started**, **Authorisation Guide**, **Search & Browse** and **Artists**, **Albums & Tracks**







Once opened, in the **Solution Explorer** open the **Pages** section, then open the **Index.cshtml** section and select **Index.cshtml.cs**

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View Project		Build	Debug	Test	Analyze
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Then from the **Menu** choose **View** and then **Open**

Step 4

In the **Code View** for **Index.cshtml.cs** below the **method** for public async Task<IActionResult> OnPostGetTrackAudioAnalysisAsync(...) { ... } enter the following **method**:

```
public async Task<IActionResult> OnPostGetEpisodeAsync(string value)
{
    LoadToken();
    var result = await Api.GetEpisodeAsync(value, country);
    if (result != null)
    {
        Results = new List<Result> { new Result()
        {
            Id = result.Id,
            Name = result.Name,
            Image = result?.Images?.FirstOrDefault()?.Url
        }};
    }
    return Page();
}
```

The **method** for OnPostGetEpisodeAsync is used to get an **episode** by **Episode Id** on Spotify with the value and populate the **property** for Results accordingly.







In the **Solution Explorer** in the **Pages** section select **Index.cshtml**

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View Project		Build	Debug	Test	Analyze
C Open					

Then from the **Menu** choose **View** and then **Open**

Step 7

Once in the **Code View** for **Index.cshtml** above <!-- Spotify Web API App Authorisation --> enter the following:

This form will **post** to the **method** for GetEpisode with the Value as **Episode Id** and will output to the **Results**.

Step 8

▶ Local Machine ▼



Once the **Web Application** is running and you select **Client Credentials Flow Login** and scroll down you should see something like the following:

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← → U A https://localhost.44395/?handler=Clientcredentials	☆	가=	C	
Track lds Get Multiple Tracks				•
Track ld Get a Track				
Track lds Get Audio Features for Several Tracks				
Track Id Get Audio Features for a Track				
Track Id Get Audio Analysis for a Track				
Episodes				1
Episode Id Get an Episode				
© 2020 - SpotifyForDevelopers - Privacy				

Step 10

You can get an **Episode Id** by using **Search for an Item** and pick **Episodes** then into **Query** enter a **Podcast Episode** then copy an **Episode Id** to use and select **Get an Episode** and scroll down to view **Results** like the following:

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Spotify for Developers	s - SpotifyF × +			-	Ø	×	
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	Get Audi	o Features for Several Tracks					
	79hCFrLs	RSD7VIDYXcrCVt					
	Get Addi	o realures for a frack					
	79hCFrLs	RSD7VIDYXcrCVt					
	Get Audi	o Analysis for a Track					
	Episodes	5					
	79bCEd a						
	Get an Er	pisode					
	Results						
	Image	Id	Name				
	NMUL ^{IS J} AUS	79hCFrLsRSD7VIDYXcrCVt	E19: American Politics: Andrew Jackson				
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C: 10			2019 by selecting the 30	υp	ue	:Du	gging button
Step 12							
			You can choose to exit V	/isu	al	Stı	idio 2019 by selecting
		×	the Close button in the t	top	rig	ght	of the application as
			that completes this part	of t	he	e wo	orkshop



Get Multiple Episodes

Get Spotify catalogue information for several episodes based on their Spotify Ids.

	GET https://api.spotify.com/v1/episodes						
	Header						
Authorization	Valid Access Token or User Token from Spotify Accounts service with user-read-playback-						
	position scope to read user's resume points on episode objects						
	Path Parameter						
ids	A comma-separated list of the Spotify Ids for the episodes. Maximum: 50 IDs.						
market	An ISO 3166-1 alpha-2 country code. If a country code is specified, only shows and episodes that are available in that market will be returned. If a valid user access token is specified in the request header, the country associated with the user account will take priority over this parameter. If neither market nor user country are provided, the content is considered unavailable for the client. Users can view the country that is associated with their account in the account settings.						

Header	Response						
	Success						
HTTP Status 200 OK	Episodes as Array of Episode Object						
	Error						
Error Code	Error Object						
Step 1							



If you chose to close **Visual Studio 2019** previously, in **Windows 10** choose **Start**, and then from the **Start Menu** find and select **Visual Studio 2019**

Once done, from the Get started screen for Visual

Studio 2019 select Open a project or solution



Open a project or solution

Open a local Visual Studio project or .sln file

Then locate and select **SpotifyForDevelopers.sln** and select **Open** if you don't have this file already then please follow the previous parts of the workshop including **Getting Started**, **Authorisation Guide**, **Search & Browse**, **Artists, Albums & Tracks** and **Episodes & Shows**

Open Project/Solutio	n					×
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File	e <u>n</u> ame	e: SpotifyForDevelopers.sln	~	All Project Fil	es (*.sln;*.dsw;*.vcv	~
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Once opened, in the **Solution Explorer** open the **Pages** section, then open the **Index.cshtml** section and select **Index.cshtml.cs**

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View	Project	Build	Debug	Test	Analyze
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Then from the Menu choose View and then Open

Step 4

In the **Code View** for **Index.cshtml.cs** below the **method** for public async Task<IActionResult> OnPostGetEpisodeAsync(...) { ... } enter the following **method**:

```
public async Task<IActionResult> OnPostGetMultipleEpisodesAsync(string value)
{
    LoadToken();
    var values = value.Split(",").ToList();
    var results = await Api.GetMultipleEpisodesAsync(values, country);
    if (results != null)
    {
        Results = results.Select(result => new Result()
        {
            Id = result.Id,
            Name = result.Name,
            Image = result?.Images?.FirstOrDefault()?.Url
        });
    }
    return Page();
}
```

The **method** for OnPostGetMultipleEpisodesAsync is used to get **episodes** by multiple **Episode Ids** on Spotify with the value and populate the **property** for Results accordingly.







In the **Solution Explorer** in the **Pages** section select **Index.cshtml**

Step 6

View	Project	Build	Debug	Test	Analyze
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Then from the **Menu** choose **View** and then **Open**

Step 7

Once in the **Code View** for **Index.cshtml** above <!-- Episodes --> enter the following:

```
class="list-group-item">
<form asp-page-handler="GetMultipleEpisodes" method="post">
<input asp-for="Value" placeholder="Episode Ids" class="form-control mb-2" />
<button class="btn btn-primary mb-2">
Get Multiple Episodes
</button>
</form>
```

This form will **post** to the **method** for GetMultipleEpisodes with the Value as **Episode Ids** and will output to the **Results**.

Step 8

🕨 Local Machine 🔻





Once the Web Application is running and you select Client Credentials Flow Login and scroll down you should see something like the following:

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	Track Ids Get Audio Features for Several Tracks			
	Track ld Get Audio Features for a Track			
	Track Id Get Audio Analysis for a Track			
	Episodes			
	Episode Id Get an Episode			
	Episode lds Get Multiple Episodes			
	© 2020 - SpotifyForDevelopers - Privacy			-

Step 10

You can get some Episode Ids by using Search for an Item and pick Episodes then into Query enter some Podcast Episodes then copy some Episode Ids to use and select Get Multiple Episodes and scroll down to view Results like the following:

Spotify for Developer	rs - Spotify × +				- 0 ×	
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	Get Audio	Analysis for a Track				
	Episodes					
	79hCFrLsP	RSD7VIDYXcrCVt,6EbtlqXrvhCBic2TpeaalK				
	79hCFrLsF	RSD7VIDYXcrCVt,6EbtlqXrvhCBic2TpeaalK				
	Get Multi	ple Episodes				
	Results					
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	1111 211111	6EbtlqXrvhCBic2TpeaalK	E18: American Pa	litics: Abraham Lincoln		
	© 2020 - Spotify	ForDevelopers - Privacy				
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·				You can stop the we 2019 by selecting th	b application e Stop debug	in Visual Studio Jing button
Step 12						
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Spotify for Developers

Get a Show

Get Spotify catalogue information for a single show identified by its unique Spotify Id.

	GET https://api.spotify.com/v1/shows/{id}
	Header
Authorization	Valid Access Token or User Token from Spotify Accounts service with user-read-playback-
	position scope to read user's resume points on episode objects
	Path Parameter
id	The Spotify Id for the show
market	An ISO 3166-1 alpha-2 country code. If a country code is specified, only shows and episodes that are available in that market will be returned. If a valid user access token is specified in the request header, the country associated with the user account will take priority over this parameter. If neither market nor user country are provided, the content is considered unavailable for the client. Users can view the country that is associated with their account in the account settings.

Header	Response
	Success
HTTP Status 200 OK	Show Object
	Error
Error Code	Error Object
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All Project Files (*.sln;*.dsw;*.vcv ~

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If you chose to close **Visual Studio 2019** previously, in **Windows 10** choose **Start**, and then from the **Start Menu** find and select **Visual Studio 2019**

Once done, from the Get started screen for Visual

Studio 2019 select Open a project or solution



📢 Open Project/Solution

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 Music
 Pictures
 Videos
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Desktop

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File name: SpotifyForDevelopers.sln

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SpotifyForDevelopers

SpotifyForDevelopers.sln

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Open a <u>p</u>roject or solution

Type here to search

Open a local Visual Studio project or .sln file

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Then locate and select **SpotifyForDevelopers.sln** and select **Open** if you don't have this file already then please follow the previous parts of the workshop including **Getting Started**, **Authorisation Guide**, **Search & Browse**, **Artists, Albums & Tracks** and **Episodes & Shows**







Once opened, in the **Solution Explorer** open the **Pages** section, then open the **Index.cshtml** section and select **Index.cshtml.cs**

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View	Project	Build	Debug	Test	Analyze
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Then from the Menu choose View and then Open

Step 4

In the **Code View** for **Index.cshtml.cs** below the **method** for public async Task<IActionResult> OnPostGetMultipleEpisodesAsync(...) { ... } enter the following **method**:

```
public async Task<IActionResult> OnPostGetShowAsync(string value)
{
    LoadToken();
    var result = await Api.GetShowAsync(value, country);
    if (result != null)
    {
        Results = new List<Result> { new Result()
        {
            Id = result.Id,
            Name = result.Name,
            Image = result?.Images?.FirstOrDefault()?.Url
        }};
    }
    return Page();
}
```

The **method** for OnPostGetShowAsync is used to get a **show** by **Show Id** on Spotify with the value and populate the **property** for Results accordingly.







In the **Solution Explorer** in the **Pages** section select **Index.cshtml**

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View	Project	Build	Debug	Test	Analyze
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Then from the **Menu** choose **View** and then **Open**

Step 7

Once in the **Code View** for **Index.cshtml** above <!-- Spotify Web API App Authorisation --> enter the following:

```
        <lass="list-group-item list-group-item-primary">
        <lass="list-group-item-heading">
        <lass="list-group-item">
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                  <lass="list-group-item">
```

This form will post to the method for GetShow with the Value as Show Id and will output to the Results.

Step 8

🕨 Local Machine 🔻





Once the **Web Application** is running and you select **Client Credentials Flow Login** and scroll down you should see something like the following:

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	Get Audio Features for Several Tracks				^
	Track Id				
	Get Audio Features for a Track				
	Track Id				
	Get Audio Analysis for a Track				
	Episodes				
	Episode Id				
	Get an Episode				
	Episode Ids				
	Get Multiple Episodes				
	Shows				ł
	Show Id				
	Get a Show				
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	© 2020 - SpotifyForDevelopers - Privacy				-

Step 10

You can get a **Show Id** by using **Search for an Item** and pick **Shows** then into **Query** enter a **Podcast Name** then copy a **Show Id** to use and select **Get a Show** and scroll down to view **Results** like the following:

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	4r157jjrIV0b	zS6UxhN07i		
	Get Multiple	Episodes		
	Shows			
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			2019 by selecting the Stop	debugging button
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		×	the Close button in the top	right of the application as
			that completes this part of	the workshop
				-

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Get Multiple Shows

Get Spotify catalogue information for several shows based on their Spotify Ids.

GET https://api.spotify.com/v1/episodes							
	Header						
Authorization	Valid Access Token or User Token from Spotify Accounts service with user-read-playback-						
	position scope to read user's resume points on episode objects						
	Path Parameter						
ids	A comma-separated list of the Spotify Ids for the shows. Maximum: 50 Ids.						
market	An ISO 3166-1 alpha-2 country code. If a country code is specified, only shows and episodes that are available in that market will be returned. If a valid user access token is specified in the request header, the country associated with the user account will take priority over this parameter. If neither market nor user country are provided, the content is considered unavailable for the client. Users can view the country that is associated with their account in the account settings.						

Header	Response						
	Success						
HTTP Status 200 OK Shows as Array of Show Object							
	Error						
Error Code	Error Object						
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Date modified

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If you chose to close **Visual Studio 2019** previously, in **Windows 10** choose **Start**, and then from the **Start Menu** find and select **Visual Studio 2019**

Once done, from the Get started screen for Visual

Studio 2019 select Open a project or solution

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📢 Open Project/Solution

Organise * New folder

🔄 This PC

🗊 3D Objects

Documents

Downloads
 Music
 Pictures
 Videos
 Windows (C:)
 Network

Desktop

← → ∽ ↑ 🖡 « Work... > SpotifyForDevel...

Name

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SpotifyForDevelopers

SpotifyForDevelopers.sln

Open a <u>p</u>roject or solution

Open a local Visual Studio project or .sln file

Then locate and select **SpotifyForDevelopers.sln** and select **Open** if you don't have this file already then please follow the previous parts of the workshop including **Getting Started**, **Authorisation Guide**, **Search & Browse**, **Artists, Albums & Tracks** and **Episodes & Shows**

File <u>n</u> ame:	SpotifyForDevelopers.sln ~	All Project Files (*.sln;*.dsw;*.vcv ~		
	Do not load projects	Qpen	Cancel	
			111	







Once opened, in the **Solution Explorer** open the **Pages** section, then open the **Index.cshtml** section and select **Index.cshtml.cs**

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View	Project	Build	Debug	Test	Analyze
? 0	pen				

Then from the Menu choose View and then Open

Step 4

In the **Code View** for **Index.cshtml.cs** below the **method** for public async Task<IActionResult> OnPostGetShowAsync(...) { ... } enter the following **method**:

```
public async Task<IActionResult> OnPostGetMultipleShowsAsync(string value)
{
    LoadToken();
    var values = value.Split(",").ToList();
    var results = await Api.GetMultipleShowsAsync(values, country);
    if (results != null)
    {
        Results = results.Select(result => new Result()
        {
            Id = result.Id,
            Name = result.Name,
            Image = result?.Images?.FirstOrDefault()?.Url
        });
    }
    return Page();
}
```

The **method** for OnPostGetMultipleShowsAsync is used to get **shows** by multiple **Show Ids** on Spotify with the value and populate the **property** for Results accordingly.







In the **Solution Explorer** in the **Pages** section select **Index.cshtml**

Step 6

View	Project	Build	Debug	Test	Analyze
? 0	pen				

Then from the **Menu** choose **View** and then **Open**

Step 7

Once in the **Code View** for **Index.cshtml** above <!-- Shows --> enter the following:

```
class="list-group-item">
<form asp-page-handler="GetMultipleShows" method="post">
<input asp-for="Value" placeholder="Show Ids" class="form-control mb-2" />
<button class="btn btn-primary mb-2">
Get Multiple Shows
</button>
</form>
```

This form will post to the method for GetMultipleShows with the Value as Show Ids and will output to the Results.

Step 8

▶ Local Machine ▼





Once the Web Application is running and you select Client Credentials Flow Login and scroll down you should see something like the following:

Spotify for Developers - Spotify	× +		-	٥	×
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	Get Audio Features for a Track				ſ
	Track Id				
	Get Audio Analysis for a Track				
	Episodes				
	Episode Id				
	Get an Episode				
	Episode Ids				
	Get Multiple Episodes				
	Shows				
	Show Id				
	Get a Show				
	Show Ids				
	Get Multiple Shows				
© 2	020 - SpotifyForDevelopers - Privacy				

Step 10

You can get some Shows Ids by using Search for an Item and pick Shows then into Query enter some Podcast Names then copy some Shows Ids to use and select Get Multiple Shows and scroll down to view Results like the following:

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	Get Multiple	Episodes			
	Shows				
	4r157jjrlV0b	zS6UxhN07i,2GmNzw8t4uG70rn4XG9zcC			
	4r157iirlV0b	zS6UxhN07i.2GmNzw8t4uG70rn4XG9zcC			
	Get Multiple	Shows			
	Results				
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	TODAY TRUE CRIME	2GmNzw8t4uG70rn4XG9zcC		Today in True Crime	
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Step 11					
				You can stop the w o 2019 by selecting the	eb application in Visual Studio
Step 12					······································
		×		You can choose to e the Close button in that completes this	exit Visual Studio 2019 by selecting the top right of the application as part of the workshop
17			\ T	utorialr.com	\odot

Get a Show's Episodes

Get Spotify catalogue information about a show's episodes. Optional parameters can be used to limit the number of episodes returned.

GET https://api.spotify.com/v1/shows/{id}/episodes					
	Header				
Authorization	Valid Access Token or User Token from Spotify Accounts service with user-read-playback-				
	position scope to read user's resume points on episode objects				
	Path Parameter				
id	The Spotify Id for the show				
limit	The maximum number of episodes to return. Default: 20. Minimum: 1. Maximum: 50.				
offcot	The index of the first episode to return. Default: 0 (the first object). Use with limit to get the				
onset	next set of episodes.				
	An ISO 3166-1 alpha-2 country code. If a country code is specified, only shows and				
	episodes that are available in that market will be returned.				
	If a valid user access token is specified in the request header, the country associated with				
market	the user account will take priority over this parameter.				
	Note: If neither market nor user country are provided, the content is considered unavailable				
	for the client.				
	Users can view the country that is associated with their account in the account settings.				

Header	Response					
Success						
HTTP Status 200 OK Array of Simplified Episode Objects wrapped in a Paging Object						
	Error					
Error Code	Error Object					

Step 1



If you chose to close **Visual Studio 2019** previously, in **Windows 10** choose **Start**, and then from the **Start Menu** find and select **Visual Studio 2019**

Once done, from the **Get started** screen for **Visual Studio 2019** select **Open a project or solution**

Then locate and select **SpotifyForDevelopers.sln** and select **Open** if you don't have this file already then please follow the previous parts of the workshop including **Getting Started**, **Authorisation Guide**, **Search & Browse**, **Artists, Albums & Tracks** and **Episodes & Shows**

Open Project/Solution		×
← → v ↑ 🖡 « Work.	. > SpotifyForDevel v で	Search SpotifyForDevelopers
Organise * New folder		· . 2
, This PC	Name	Date modified
3D Objects	.vs	22/01/2020 19:52
Desktop	SpotifyForDevelopers	01/02/2020 17:18
Documents	SpotifyForDevelopers.sln	22/01/2020 19:52
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File <u>n</u> ame	SpotifyForDevelopers.sln ~	All Project Files (*.sln;*.dsw;*.vcv $^{\vee}$
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Open a project or solution

Open a local Visual Studio project or .sln file







Once opened, in the **Solution Explorer** open the **Pages** section, then open the **Index.cshtml** section and select **Index.cshtml.cs**

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Then from the Menu choose View and then Open

Step 4

In the **Code View** for **Index.cshtml.cs** below the **method** for public async Task<IActionResult> OnPostGetMultipleShowsAsync(...) { ... } enter the following **method**:

```
public async Task<IActionResult> OnPostGetShowEpisodesAsync(string value)
{
    LoadToken();
    var results = await Api.GetShowEpisodesAsync(value, country);
    if (results != null)
    {
        Results = results.Items.Select(result => new Result()
        {
            Id = result.Id,
            Name = result.Name,
            Image = result?.Images?.FirstOrDefault()?.Url
        });
    }
    return Page();
}
```

The **method** for OnPostGetShowEpisodesAsync is used to get **episodes** by **Show Id** on Spotify with the value and populate the **property** for Results accordingly.







In the **Solution Explorer** in the **Pages** section select **Index.cshtml**

Step 6

View	Project	Build	Debug	Test	Analyze
C Open					

Then from the **Menu** choose **View** and then **Open**

Step 7

Once in the **Code View** for **Index.cshtml** above <!-- Shows --> enter the following:

```
class="list-group-item">
<form asp-page-handler="GetShowEpisodes" method="post">
<input asp-for="Value" placeholder="Show Id" class="form-control mb-2" />
<button class="btn btn-primary mb-2">
Get a Show's Episodes
</button>
</form>
```

This form will post to the method for GetShowEpisodes with the Value as Show Id and will output to the Results.

Step 8

▶ Local Machine ▼





Once the **Web Application** is running and you select **Client Credentials Flow Login** and scroll down you should see something like the following:

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\leftrightarrow \rightarrow O \triangle https://localhost44395/?handler=clientcredentials	☆	r∕≡	0	
Get Audio Analysis for a Track				-
Episodes				
Episode Id Get an Episode				
Episode Ids				
Get Multiple Episodes				
Shows				
Show Id				
Get a Show				
Show Ids				
Get Multiple Shows				
Show Id				
Get a Show's Episodes				
© 2020 - SpotifyForDevelopers - Privacy				-

Step 10

You can get a **Show Id** by using **Search for an Item** and pick **Shows** then into **Query** enter a **Podcast Name** then copy a **Show Id** to use and select **Get a Show's Episodes** and scroll down to view **Results** like the following:

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\leftrightarrow \rightarrow O	A https://localho	st:44395/?handler=GetShowEpisodes		☆	☆	C		
	Results							
	Image	Id	Name					
	1999 ¹¹⁵ -1773	5x1zeJcR549VvxC8UrMr4a	Introducing Season 2: Falls from Grace					
	481111 JULS	2gkAIYeTx63Zup2en2UPD7	E44: Thought Leaders: Leon Trotsky					
	CANNIE LING	7hXlsQQuM3fVNIExyQ922H	E43: Thought Leaders: Socrates					
	ANNUS 11/13	4sbXSCs3OIDGg5HKjbAcUT	E42: Thought Leaders: Martin Luther King Jr.					
	199 <u>919</u> 775	3puCwid3eMSFw6z2144IK0	E41: Thought Leaders: Jean-Paul Marat					
	Will Land	6UpPwxutp5q5NGXhg2hZFv	E40: Creative Visionaries: Bob Marley					
	NIN SAKS	1c2lljSXjzDv8RUdtthbVH	E39: Creative Visionaries: Vincent van Gogh					
	ANNUS ANS	5OqGsA4IDEzzwfann3gIts	E38: Creative Visionaries: Tennessee Williams					
	NNU ¹¹ 1/1/3	3HtVMKIS4N4dfopCyzrOXG	E37: Creative Visionaries: Andy Warhol					
Step 11								
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Step 12								
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