

Package ‘spotifyr’

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Description An R wrapper for pulling data from the 'Spotify' Web API
<<https://developer.spotify.com/documentation/web-api/>> in bulk, or post items on a
'Spotify' user's playlist.

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URL <https://github.com/charlie86/spotifyr>

BugReports <https://github.com/charlie86/spotifyr/issues>

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`add_tracks_to_playlist`
Add Tracks to User's Playlist

Description

Add one or more tracks to a user's playlist.

Usage

```
add_tracks_to_playlist(
  playlist_id,
  uris,
  position = NULL,
  authorization = get_spotify_authorization_code()
)
```

Arguments

playlist_id	Required. The Spotify ID for the playlist.
uris	Optional. A character vector of Spotify track URIs to add. For example: uris = c("61H97kuKIpi6kJQRnUEIh", "2q6vlgBJ432KeZZNt2ZZBV") A maximum of 100 tracks can be added in one request. The uris will be formed as uris = c("spotify If you have the "spotify:track:" prefix in your vector it will not be duplicated, otherwise it will be added.
position	Optional. Integer indicating the position to insert the tracks, a zero-based index. For example, to insert the tracks in the first position: position = 0; to insert the tracks in the third position: position = 2. If omitted, the tracks will be appended to the playlist. Tracks are added in the order they are listed in the query string or request body.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to spotifyr::get_spotify_authorization_code(). The access token must have been issued on behalf of the current user. Adding tracks to the current user's public playlists requires authorization of the playlist-modify-public scope; adding tracks to the current user's private playlist (including collaborative playlists) requires the playlist-modify-private scope. See Using Scopes .

Value

The response from the Spotify Web API on the POST request, with a meaningful error message if the operation was not successful.

See Also

Other playlist functions: [change_playlist_details\(\)](#), [check_users_following\(\)](#), [create_playlist\(\)](#), [get_my_playlists\(\)](#), [get_playlist\(\)](#), [get_user_playlists\(\)](#), [remove_tracks_from_playlist\(\)](#), [tidy\(\)](#)

change_playlist_details

Change a playlist's name and public/private state. (The user must, of course, own the playlist.)

Description

Change a playlist's name and public/private state. (The user must, of course, own the playlist.)

Usage

```
change_playlist_details(
  playlist_id,
  name = NULL,
  public = NULL,
```

```

    collaborative = NULL,
    description = NULL,
    authorization = get_spotify_authorization_code()
)

```

Arguments

playlist_id	Required. The Spotify ID for the playlist.
name	Optional String containing the name for the new playlist, for example "Your Coolest Playlist". This name does not need to be unique; a user may have several playlists with the same name.
public	Optional. Boolean. If TRUE the playlist will be public. If FALSE it will be private.
collaborative	Optional. Boolean. If TRUE the playlist will become collaborative and other users will be able to modify the playlist in their Spotify client. Note: you can only set collaborative to TRUE on non-public playlists.
description	Optional. String containing the playlist description as displayed in Spotify Clients and in the Web API.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Changing a public playlist for a user requires authorization of the <code>playlist-modify-public</code> scope; changing a private playlist requires the <code>playlist-modify-private</code> scope. See Using Scopes .

Value

The response from the Spotify Web API on the PUT request, with a meaningful error message if the operation was not successful.

See Also

Other playlist functions: [add_tracks_to_playlist\(\)](#), [check_users_following\(\)](#), [create_playlist\(\)](#), [get_my_playlists\(\)](#), [get_playlist\(\)](#), [get_user_playlists\(\)](#), [remove_tracks_from_playlist\(\)](#), [tidy\(\)](#)

check_me_following *Check Me Following*

Description

Check if the current user is following specific artists or users.

Usage

```
check_me_following(type, ids, authorization = get_spotify_authorization_code())
```

Arguments

type	Required. String of the ID type: either "artist" or "user".
ids	Required. A character vector of the artist or the user Spotify IDs to check. For example: <code>ids = c("74ASZWbe4lXaubB36ztrGX", "08td7MxkoHQkXnWAYD8d6Q")</code> . A maximum of 50 IDs can be sent in one request.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Getting details of the artists or users the current user follows requires authorization of the <code>user-follow-read</code> scope. See Using Scopes .

Value

A data frame containing three columns, "type", the "id" of the artist or users and "is_following" as a logical, boolean variable.

check_users_following *Check if Users Follow a Playlist*

Description

Check if particular users are following a particular playlist.

Usage

```
check_users_following(
  playlist_id,
  ids,
  authorization = get_spotify_authorization_code()
)
```

Arguments

playlist_id	Required. The Spotify ID of the playlist.
ids	Required. Spotify User IDs ; the ids of the users that you want to check to see if they follow the playlist. Maximum: 5 ids.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Following a playlist can be done publicly or privately. Checking if a user publicly follows a playlist doesn't require any scopes; if the user is publicly following the playlist, this endpoint returns TRUE. Checking if the user is privately following a playlist is only possible for the current user when that user has granted access to the <code>playlist-read-private</code> scope. See Using Scopes .

Value

A data frame containing three columns,
"user_id" for the particular users,
"playlist_id" for the particular playlists,
"is_following" as a logical, boolean variable.

See Also

Other playlist functions: [add_tracks_to_playlist\(\)](#), [change_playlist_details\(\)](#), [create_playlist\(\)](#), [get_my_playlists\(\)](#), [get_playlist\(\)](#), [get_user_playlists\(\)](#), [remove_tracks_from_playlist\(\)](#), [tidy\(\)](#)

create_playlist	<i>Create Playlist for User</i>
-----------------	---------------------------------

Description

Create a playlist for a Spotify user. The playlist will be empty until you add tracks.

Usage

```
create_playlist(  
  user_id,  
  name,  
  public = TRUE,  
  collaborative = FALSE,  
  description = NULL,  
  authorization = get_spotify_authorization_code()  
)
```

Arguments

user_id	Required. The user's Spotify user ID .
name	Required. String containing the name for the new playlist, for example "Your Coolest Playlist". This name does not need to be unique; a user may have several playlists with the same name.
public	Optional. Boolean. Defaults to TRUE. If TRUE the playlist will be public. If FALSE it will be private. To be able to create private playlists, the user must have granted the playlist-modify-private scope
collaborative	Optional. Boolean. Defaults to FALSE. If TRUE the playlist will be collaborative. Note that to create a collaborative playlist you must also set public to FALSE. To create collaborative playlists you must have granted playlist-modify-private and playlist-modify-public scopes .
description	Optional. String containing the playlist description as displayed in Spotify Clients and in the Web API.

authorization Required. A valid access token from the Spotify Accounts service. See the [Web API authorization Guide](#) for more details. Defaults to `spotifyr::get_spotify_authorization_code()`. The access token must have been issued on behalf of the current user. Creating a public playlist for a user requires authorization of the `playlist-modify-public` scope; creating a private playlist requires the `playlist-modify-private` scope. See [Using Scopes](#).

Value

The response from the Spotify Web API on the POST request, with a meaningful error message if the operation was not successful.

See Also

Other playlist functions: [add_tracks_to_playlist\(\)](#), [change_playlist_details\(\)](#), [check_users_following\(\)](#), [get_my_playlists\(\)](#), [get_playlist\(\)](#), [get_user_playlists\(\)](#), [remove_tracks_from_playlist\(\)](#), [tidy\(\)](#)

dedupe_album_names *Remove duplicate album names*

Description

Use fuzzy matching to remove duplicate album names (including reissues, remasters, etc).

Usage

```
dedupe_album_names(
  df,
  album_name_col = "album_name",
  album_release_year_col = "album_release_year"
)
```

Arguments

df Data frame with album name

album_name_col String of field name containing album names

album_release_year_col String of field name containing album release year

Value

The original data frame with distinct `album_name` rows, keeping as much as possible the original album release (and not re-releases.)

 follow_artists_or_users

Add Current User as Follower Artists or Other Users

Description

Add the current user as a follower of one or more artists or other Spotify users.

Usage

```
follow_artists_or_users(
  type,
  ids = NULL,
  authorization = get_spotify_authorization_code()
)
```

Arguments

type	Required. The ID type: either "artist" or "user".
ids	Optional. A character vector of the artist or the user Spotify IDs . For example: <code>ids = c("74ASZWbe4lXaubB36ztrGX", "08td7MxkoHQkXnWAYD8d6Q")</code> . A maximum of 50 IDs can be sent in one request.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Modifying the list of artists or users the current user follows requires authorization of the <code>user-follow-modify</code> scope. See Using Scopes .

Value

The response from the Spotify Web API on the PUT request, with a meaningful error message if the operation was not successful.

 follow_playlist

Add Current User to Followers of Playlist.

Description

Add Current User to Followers of Playlist.

Usage

```
follow_playlist(
  playlist_id,
  public = FALSE,
  authorization = get_spotify_authorization_code()
)
```

Arguments

playlist_id	Required. The Spotify ID of the playlist. Any playlist can be followed, regardless of its public/private status , as long as you know its playlist ID.
public	Optional. Defaults to TRUE. If TRUE the playlist will be included in the user's public playlists, if FALSE it will remain private. o be able to follow playlists privately, the user must have granted the playlist-modify-private scope .
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Following a publicly followed playlist for a user requires authorization of the playlist-modify-public scope; following a privately followed playlist requires the playlist-modify-private scope. See Using Scopes . Note that the scopes you provide relate only to whether the current user is following the playlist publicly or privately (i.e. showing others what they are following), not whether the playlist itself is public or private.

Value

The response from the Spotify Web API on the PUT request, with a meaningful error message if the operation was not successful.

get_album

Get Spotify catalog information for a single album.

Description

Get Spotify catalog information for a single album.

Usage

```
get_album(id, market = NULL, authorization = get_spotify_access_token())
```

Arguments

id	The Spotify ID for the album.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

Returns a data frame of results containing album data. See the **official documentation** for more information.

See Also

Other album functions: [get_albums\(\)](#), [get_discography\(\)](#)

get_albums	<i>Get Spotify catalog information for multiple albums identified by their Spotify IDs.</i>
------------	---

Description

Get Spotify catalog information for multiple albums identified by their Spotify IDs.

Usage

```
get_albums(  
  ids,  
  market = NULL,  
  authorization = get_spotify_access_token(),  
  include_meta_info = FALSE  
)
```

Arguments

ids	Required. A character vector of the Spotify IDs for the albums. Maximum: 20 IDs.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing album data. See <https://developer.spotify.com/documentation/web-api/reference/albums/get-album/> for more information.

See Also

Other album functions: [get_album\(\)](#), [get_discography\(\)](#)

get_album_tracks *Get Spotify catalog information about an album's tracks. Optional parameters can be used to limit the number of tracks returned.*

Description

Get Spotify catalog information about an album's tracks. Optional parameters can be used to limit the number of tracks returned.

Usage

```
get_album_tracks(
    id,
    limit = 20,
    offset = 0,
    market = NULL,
    authorization = get_spotify_access_token(),
    include_meta_info = FALSE
)
```

Arguments

id	Required. The Spotify ID for the album.
limit	Optional. Maximum number of results to return. Default: 20 Minimum: 1 Maximum: 50 Note: The limit is applied within each type, not on the total response. For example, if the limit value is 3 and the type is c("artist", "album"), the response contains 3 artists and 3 albums.
offset	Optional. The index of the first album to return. Default: 0 (the first album). Maximum offset (including limit): 10,000. Use with limit to get the next page of albums.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing album data. See the official API [documentation](#) for more information.

See Also

Other track functions: [get_playlist_tracks\(\)](#), [get_tracks\(\)](#), [get_track\(\)](#)

get_artist	<i>Get Spotify catalog information for a single artist identified by their unique Spotify ID.</i>
------------	---

Description

Get Spotify catalog information for a single artist identified by their unique Spotify ID.

Usage

```
get_artist(id, authorization = get_spotify_access_token())
```

Arguments

id	The Spotify ID for the artist.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

Returns a data frame of results containing album data. See <https://developer.spotify.com/documentation/web-api/reference/albums/get-album/> for more information.

See Also

Other artist functions: [get_artist_albums\(\)](#), [get_artist_top_tracks\(\)](#), [get_artists\(\)](#), [get_my_followed_artists\(\)](#), [get_related_artists\(\)](#)

get_artists	<i>Get Spotify catalog information for multiple artists identified by their Spotify IDs.</i>
-------------	--

Description

Get Spotify catalog information for multiple artists identified by their Spotify IDs.

Usage

```
get_artists(
  ids,
  authorization = get_spotify_access_token(),
  include_meta_info = FALSE
)
```

Arguments

ids	Required. A character vector of the Spotify IDs for the artists. Maximum: 50 IDs.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing artist data. See <https://developer.spotify.com/documentation/web-api/reference/artists/get-several-artists/> for more information.

See Also

Other artist functions: [get_artist_albums\(\)](#), [get_artist_top_tracks\(\)](#), [get_artist\(\)](#), [get_my_followed_artists\(\)](#), [get_related_artists\(\)](#)

get_artist_albums	<i>Get Spotify catalog information for multiple artists identified by their Spotify IDs.</i>
-------------------	--

Description

Get Spotify catalog information for multiple artists identified by their Spotify IDs.

Usage

```

get_artist_albums(
  id,
  include_groups = c("album", "single", "appears_on", "compilation"),
  market = NULL,
  limit = 20,
  offset = 0,
  authorization = get_spotify_access_token(),
  include_meta_info = FALSE
)

```

Arguments

id	The Spotify ID for the artist.
include_groups	Optional. A character vector of keywords that will be used to filter the response. If not supplied, all album types will be returned. Valid values are: "album" "single" "appears_on" "compilation" For example: <code>include_groups = c("album", "single")</code>
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Supply this parameter to limit the response to one particular geographical market. For example, for albums available in Sweden: <code>market = "SE"</code> . If not given, results will be returned for all markets and you are likely to get duplicate results per album, one for each market in which the album is available!
limit	Optional. Maximum number of results to return. Default: 20 Minimum: 1 Maximum: 50
offset	Optional. The index of the first album to return. Default: 0 (i.e., the first album). Use with <code>limit</code> to get the next set of albums.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing artist data. See <https://developer.spotify.com/documentation/web-api/reference/artists/get-several-artists/> for more information.

See Also

Other artist functions: [get_artist_top_tracks\(\)](#), [get_artists\(\)](#), [get_artist\(\)](#), [get_my_followed_artists\(\)](#), [get_related_artists\(\)](#)

get_artist_audio_features

Get Audio Features For Artists' Discography

Description

Get audio feature information for all or part of an artists' discography.

Usage

```
get_artist_audio_features(
  artist = NULL,
  include_groups = "album",
  return_closest_artist = TRUE,
  dedupe_albums = TRUE,
  market = NULL,
  authorization = get_spotify_access_token()
)
```

Arguments

artist	Required. String of either an artist name or an artist Spotify ID. If an artist name is provided, <code>search_spotify()</code> will be used to find a Spotify ID matching the name provided.
include_groups	Optional. A character vector of keywords that will be used to filter the response. Defaults to "album". Valid values are: "album" "single" "appears_on" "compilation" For example: <code>include_groups = c("album", "single")</code>
return_closest_artist	Optional. Boolean.
dedupe_albums	Optional. Logical, boolean parameter, defaults to TRUE.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Supply this parameter to limit the response to one particular geographical market. For example, for albums available in Sweden: <code>market = "SE"</code> . If not given, results will be returned for all markets and you are likely to get duplicate results per album, one for each market in which the album is available!
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

Returns a data frame of results containing track audio features data. See the [Spotify Web API documentation](#) for more information.

See Also

Other musicology functions: [get_genre_artists\(\)](#), [get_playlist_audio_features\(\)](#), [get_track_audio_analysis\(\)](#), [get_track_audio_features\(\)](#), [get_user_audio_features\(\)](#)

get_artist_top_tracks *Get Spotify catalog information about an artist's top tracks by country.*

Description

Get Spotify catalog information about an artist's top tracks by country.

Usage

```
get_artist_top_tracks(
  id,
  market = "US",
  authorization = get_spotify_access_token(),
  include_meta_info = FALSE
)
```

Arguments

id	The Spotify ID for the artist.
market	Required. An ISO 3166-1 alpha-2 country code or the string "from_token". Defaults to "US".
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing artist data. See <https://developer.spotify.com/documentation/web-api/reference/artists/get-several-artists/> for more information.

See Also

Other artist functions: [get_artist_albums\(\)](#), [get_artists\(\)](#), [get_artist\(\)](#), [get_my_followed_artists\(\)](#), [get_related_artists\(\)](#)

get_categories	<i>Get a list of Spotify categories</i>
----------------	---

Description

Get a list of Spotify categories

Usage

```
get_categories(authorization = get_spotify_access_token(), df = TRUE)
```

Arguments

authorization Required. A valid access token from the Spotify Accounts service. See the [Web API authorization Guide](#) for more details. Defaults to `spotifyr::get_spotify_access_token()`

df Should the results be formatted as a data frame? If FALSE, the full response JSON will be returned as a list; defaults to TRUE.

Value

Returns a data frame of results containing album data. See <https://developer.spotify.com/documentation/web-api/reference/browse/get-list-categories/> for more information.

get_category	<i>Get a single category used to tag items</i>
--------------	--

Description

Get a single category used to tag items in Spotify (on, for example, the Spotify player's "Browse" tab).

Usage

```
get_category(  
  category_id,  
  country = NULL,  
  locale = NULL,  
  authorization = get_spotify_access_token()  
)
```

Arguments

category_id	Required. The Spotify ID for the category.
country	Optional. A country: an ISO 3166-1 alpha-2 country code . Provide this parameter to ensure that the category exists for a particular country.
locale	Optional. The desired language, consisting of an ISO 639-1 language code and an ISO 3166-1 alpha-2 country code , joined by an underscore. For example: es_MX, meaning "Spanish (Mexico)". Provide this parameter if you want the category strings returned in a particular language. Note that, if locale is not supplied, or if the specified language is not available, the category strings returned will be in the Spotify default language (American English).
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotify::get_spotify_access_token()</code>

Value

Returns a list of results containing category information. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

get_category_playlists

Get a list of Spotify playlists tagged with a particular category

Description

Get a list of Spotify playlists tagged with a particular category

Usage

```
get_category_playlists(  
  category_id = "party",  
  country = NULL,  
  limit = 20,  
  offset = 0,  
  authorization = get_spotify_access_token(),  
  include_meta_info = FALSE  
)
```

Arguments

category_id	Required. The Spotify ID for the category.
country	Optional. A country: an ISO 3166-1 alpha-2 country code .
limit	Optional. The maximum number of items to return. Defaults to 20. Minimum: 1. Maximum: 50.

offset	Optional. The index of the first item to return. Defaults to 0, the first object. Use with limit to get the next set of items.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing category playlists. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

Examples

```
get_category_playlists('party', country = 'BR')
```

get_discography	<i>Retrieve Artist Discography with Song Lyrics and Audio Info</i>
-----------------	--

Description

Retrieve the entire discography of an artist with the lyrics of each song and the associated audio information. Returns the song data as a nested tibble. This way we can easily see each album, artist, and song title before expanding our data.

Usage

```
get_discography(artist, authorization = get_spotify_access_token())
```

Arguments

artist	The quoted name of the artist. Spelling matters, capitalization does not.
authorization	Authorization token for Spotify web API. Defaults to <code>get_spotify_access_token()</code> .

Value

A nested tibble. See `tidyr::nest`.

See Also

Other album functions: `get_albums()`, `get_album()`

Examples

```
rex_orange <- get_discography("Rex Orange County")
```

```
get_featured_playlists
```

Get list of Spotify featured playlists

Description

Get a list of Spotify featured playlists (as shown, for example, on a Spotify player's 'Browse' tab)

Usage

```
get_featured_playlists(  
  locale = NULL,  
  country = NULL,  
  timestamp = NULL,  
  limit = 20,  
  offset = 0,  
  authorization = get_spotify_access_token(),  
  include_meta_info = FALSE  
)
```

Arguments

- | | |
|-----------|--|
| locale | Optional. The desired language, consisting of an ISO 639-1 language code and an ISO 3166-1 alpha-2 country code , joined by an underscore. For example: es_MX, meaning "Spanish (Mexico)". Provide this parameter if you want the category strings returned in a particular language. Note that, if locale is not supplied, or if the specified language is not available, the category strings returned will be in the Spotify default language (American English). The locale parameter, combined with the country parameter, may give odd results if not carefully matched. For example country=SE&locale=de_DE will return a list of categories relevant to Sweden but as German language strings. |
| country | Optional. A country: an ISO 3166-1 alpha-2 country code . Provide this parameter if you want the list of returned items to be relevant to a particular country. If omitted, the returned items will be relevant to all countries. |
| timestamp | Optional. A timestamp in ISO 8601 format : yyyy-MM-ddTHH:mm:ss. Use this parameter to specify the user's local time to get results tailored for that specific date and time in the day. If not provided, the response defaults to the current UTC time. Example: "2014-10-23T09:00:00" for a user whose local time is 9AM. If there were no featured playlists (or there is no data) at the specified time, the response will revert to the current UTC time. |

limit	Optional. The maximum number of items to return. Default to 20. Minimum: 1. Maximum: 50.
offset	Optional. The index of the first item to return. Defaults to 0, i.e., the first object. Use with limit to get the next set of items.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotify::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing featured playlists.

See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

Examples

```
## Get Flemish-Dutch playlists from Belgium:
```

```
get_featured_playlists(
  country = 'BE',
  locale = "nl_BE" )
```

get_genre_artists	<i>Search for Artists by Genre</i>
-------------------	------------------------------------

Description

Get Spotify Catalog information about artists belonging to a given genre.

Usage

```
get_genre_artists(
  genre = character(),
  market = NULL,
  limit = 20,
  offset = 0,
  authorization = get_spotify_access_token()
)
```

Arguments

genre	Required. String of genre name to search for For example: genre = "wonky".
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". If a country code is specified, only artists with content that is playable in that market is returned. Note: - If market is set to "from_token", and a valid access token is specified in the request header, only content playable in the country associated with the user account is returned. - Users can view the country that is associated with their account in the account settings. A user must grant access to the user-read-private scope prior to when the access token is issued.
limit	Optional. Maximum number of results to return. Default: 20 Minimum: 1 Maximum: 50
offset	Optional. The index of the first result to return. Default: 0 (the first result). Maximum offset (including limit): 10,000. Use with limit to get the next page of search results.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

A data frame of the artists belonging to the genre with data and metadata about the artists in a tibble.

See Also

Other musicology functions: [get_artist_audio_features\(\)](#), [get_playlist_audio_features\(\)](#), [get_track_audio_analysis\(\)](#), [get_track_audio_features\(\)](#), [get_user_audio_features\(\)](#)

Examples

```
get_genre_artists('wonky')
```

get_label_artists *Search for artists by label*

Description

Get Spotify Catalog information about artists belonging to a given label.

Usage

```
get_label_artists(
    label = character(),
    market = NULL,
    limit = 20,
    offset = 0,
    authorization = get_spotify_access_token()
)
```

Arguments

label	Required. String of label name to search for For example: label = "brainfeeder".
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". If a country code is specified, only artists with content that is playable in that market is returned. Note: - If market is set to "from_token", and a valid access token is specified in the request header, only content playable in the country associated with the user account is returned. - Users can view the country that is associated with their account in the account settings. A user must grant access to the user-read-private scope prior to when the access token is issued.
limit	Optional. Maximum number of results to return. Default: 20 Minimum: 1 Maximum: 50
offset	Optional. The index of the first result to return. Default: 0 (the first result). Maximum offset (including limit): 10,000. Use with limit to get the next page of search results.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

A data frame with the label information of the artists.

Examples

```
get_label_artists('brainfeeder')
```

```
get_my_currently_playing
```

Get the object currently being played on the user's Spotify account.

Description

Get the object currently being played on the user's Spotify account.

Usage

```
get_my_currently_playing(
  market = NULL,
  authorization = get_spotify_authorization_code()
)
```

Arguments

market	An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply https://developer.spotify.com/documentation/general/guides/track-relinking-guide/Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotify::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-read-currently-playing</code> and/or <code>user-read-playback-state</code> scope authorized in order to read information.

Value

Returns a data frame of results containing user profile information. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

get_my_current_playback

Get information about the user's current playback state, including track, track progress, and active device.

Description

Get information about the user's current playback state, including track, track progress, and active device.

Usage

```
get_my_current_playback(  
    market = NULL,  
    authorization = get_spotify_authorization_code()  
)
```

Arguments

market	An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-read-playback-state</code> scope authorized in order to read information.

Value

Returns a list containing user playback information. See the official Spotify Web API [documentation](#) for more information.

See Also

Other player functions: [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

get_my_devices	<i>Get information about a user's available devices.</i>
----------------	--

Description

Get information about a user's available devices.

Usage

```
get_my_devices(authorization = get_spotify_authorization_code())
```

Arguments

authorization Required. A valid access token from the Spotify Accounts service. See the [Web API authorization Guide](#) for more details. Defaults to `spotifyr::get_spotify_access_token()`. The access token must have been issued on behalf of the current user. The access token must have the `user-read-playback-state` scope authorized in order to read information.

Value

Returns a data frame of results containing user device information.
See the official Spotify Web API [documentation](#) for more information.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

get_my_followed_artists	<i>Get My Followed Artists</i>
-------------------------	--------------------------------

Description

Get the current user's followed artists.

Usage

```
get_my_followed_artists(  
  limit = 20,  
  after = NULL,  
  authorization = get_spotify_authorization_code(),  
  include_meta_info = FALSE  
)
```

Arguments

limit	Optional. The maximum number of items to return. Default: 20. Minimum: 1. Maximum: 50.
after	Optional. The last artist ID retrieved from the previous request.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotify::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Getting details of the artists or users the current user follows requires authorization of the user-follow-read scope. See Using Scopes .
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

A data frame containing my followed artists with some of full information about the followed artists.

See Also

Other artist functions: [get_artist_albums\(\)](#), [get_artist_top_tracks\(\)](#), [get_artists\(\)](#), [get_artist\(\)](#), [get_related_artists\(\)](#)

get_my_playlists	<i>Get List of My Playlists</i>
------------------	---------------------------------

Description

Get a list of the playlists owned or followed by the current Spotify user.

Usage

```
get_my_playlists(
  limit = 20,
  offset = 0,
  authorization = get_spotify_authorization_code(),
  include_meta_info = FALSE
)
```

Arguments

limit	Optional. Maximum number of playlists to return. Default: 20 Minimum: 1 Maximum: 50
-------	---

offset	Optional. The index of the first playlist to return. Default: 0 (the first object). Maximum offset: 100,000. Use with limit to get the next set of playlists.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Private playlists are only retrievable for the current user and requires the <code>playlist-read-private</code> scope to have been authorized by the user. Note that this scope alone will not return collaborative playlists, even though they are always private. Collaborative playlists are only retrievable for the current user and requires the <code>playlist-read-collaborative</code> scope to have been authorized by the user.
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing user profile information. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

See Also

Other playlist functions: [add_tracks_to_playlist\(\)](#), [change_playlist_details\(\)](#), [check_users_following\(\)](#), [create_playlist\(\)](#), [get_playlist\(\)](#), [get_user_playlists\(\)](#), [remove_tracks_from_playlist\(\)](#), [tidy\(\)](#)

get_my_profile	<i>Get User Profile Information</i>
----------------	-------------------------------------

Description

Get detailed profile information about the current user (including the current user's username).

Usage

```
get_my_profile(authorization = get_spotify_authorization_code())
```

Arguments

authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Reading the user's email address requires the <code>user-read-email</code> scope; reading country and product subscription level requires the <code>user-read-private</code> scope. See Using Scopes .
---------------	--

Value

Returns a data frame of results containing user profile information. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

get_my_recently_played

Get Current User's Recently Played Tracks

Description

Get Current User's Recently Played Tracks

Usage

```
get_my_recently_played(
  limit = 20,
  after = NULL,
  before = NULL,
  authorization = get_spotify_authorization_code(),
  include_meta_info = FALSE
)
```

Arguments

limit	Optional. The maximum number of items to return. Default: 20. Minimum: 1. Maximum: 50.
after	Optional. A Unix timestamp in milliseconds. Returns all items after (but not including) this cursor position. If after is specified, before must not be specified.
before	Optional. A Unix timestamp in milliseconds. Returns all items before (but not including) this cursor position. If before is specified, after must not be specified.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user.
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "before", "after", and "limit". Defaults to FALSE. The access token must have the user-read-recently-played scope authorized in order to read the user's recently played tracks.

Value

Returns a list or data frame of results containing the most recently played tracks for the current user.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

get_my_saved_albums *Get Current User's Saved Albums*

Description

Get a list of the albums saved in the current Spotify user's 'Your Music' library.

Usage

```
get_my_saved_albums(
    limit = 20,
    offset = 0,
    market = NULL,
    authorization = get_spotify_authorization_code(),
    include_meta_info = FALSE
)
```

Arguments

limit	Optional. Maximum number of albums to return. Default: 20 Minimum: 1 Maximum: 50
offset	Optional. The index of the first albums to return. Default: 0 (the first object). Maximum offset: 100,000. Use with limit to get the next set of albums.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user.
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing user profile information. See <https://developer.spotify.com/documentation/web-api/reference/library/get-users-saved-albums/> for more information.

get_my_saved_tracks *Get User's Saved Tracks*

Description

Get a list of the songs saved in the current Spotify user's 'Your Music' library.

Usage

```
get_my_saved_tracks(
  limit = 20,
  offset = 0,
  market = NULL,
  authorization = get_spotify_authorization_code(),
  include_meta_info = FALSE
)
```

Arguments

limit	Optional. Maximum number of tracks to return. Default: 20 Minimum: 1 Maximum: 50
offset	Optional. The index of the first track to return. Default: 0 (the first object). Maximum offset: 100,000. Use with limit to get the next set of tracks.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user.
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing user profile information. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

get_my_top_artists_or_tracks

Get User's Top Artists or Tracks

Description

Get the current user's top artists or tracks based on calculated affinity.

Usage

```
get_my_top_artists_or_tracks(
  type = "artists",
  limit = 20,
  offset = 0,
  time_range = "medium_term",
  authorization = get_spotify_authorization_code(),
  include_meta_info = FALSE
)
```

Arguments

type	Required. The type of entity to return. Defaults to artists, the valid alternative is tracks.
limit	Optional. Maximum number of results to return. Default: 20 Minimum: 1 Maximum: 50
offset	Optional. The index of the first entity to return. Default: 0 (i.e., the first track). Use with limit to get the next set of entities.
time_range	Optional. Over what time frame the affinities are computed. Valid values: long_term (calculated from several years of data and including all new data as it becomes available), medium_term (approximately last 6 months), short_term (approximately last 4 weeks). Default: medium_term.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing track or album data. See the official [API documentation](#) for more information.

See Also

Other personalization functions: [get_recommendations_all\(\)](#), [get_recommendations\(\)](#)

get_new_releases	<i>Get new releases</i>
------------------	-------------------------

Description

Get a list of new album releases featured in Spotify (shown, for example, on a Spotify player's "Browse" tab).

Usage

```
get_new_releases(
  country = NULL,
  limit = 20,
  offset = 0,
  authorization = get_spotify_access_token(),
  include_meta_info = FALSE
)
```

Arguments

country	Optional. A country: an ISO 3166-1 alpha-2 country code . Provide this parameter if you want the list of returned items to be relevant to a particular country. If omitted, the returned items will be relevant to all countries.
limit	Optional. The maximum number of items to return. Default: 20. Minimum: 1. Maximum: 50.
offset	Optional. The index of the first item to return. Default: 0 (the first object). Use with <code>limit</code> to get the next set of items.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "country", "offset", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing new releases.

See <https://developer.spotify.com/documentation/web-api/reference/#category-browse> for more information.

Examples

```
## Get new Swedish music
get_new_releases(country = 'SE', limit = 5)
```

get_playlist	<i>Get User Playlist</i>
--------------	--------------------------

Description

Get a playlist owned by a Spotify user.

Usage

```
get_playlist(
  playlist_id,
  fields = NULL,
  market = NULL,
  authorization = get_spotify_access_token()
)
```

Arguments

playlist_id	Required. The Spotify ID for the playlist.
fields	Optional. Filters for the query: a comma-separated list of the fields to return. If omitted, all fields are returned. For example, to get just the playlist's description and URI: <code>fields = c("description", "uri")</code> A dot separator can be used to specify non-reoccurring fields, while parentheses can be used to specify reoccurring fields within objects. For example, to get just the added date and user ID of the adder: <code>fields = "tracks.items(added_at, added_by.id)"</code> Use multiple parentheses to drill down into nested objects, for example: <code>fields = "tracks.items(track(name, href, album(name, href)))"</code> Fields can be excluded by prefixing them with an exclamation mark, for example: <code>fields = "tracks.items(track(name, href, album(!name, href)))"</code>
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Both Public and Private playlists belonging to any user are retrievable on provision of a valid access token. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

Returns a data frame of results containing user profile information. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

See Also

Other playlist functions: [add_tracks_to_playlist\(\)](#), [change_playlist_details\(\)](#), [check_users_following\(\)](#), [create_playlist\(\)](#), [get_my_playlists\(\)](#), [get_user_playlists\(\)](#), [remove_tracks_from_playlist\(\)](#), [tidy\(\)](#)

get_playlist_audio_features

Get Features and Popularity of Playlists on Spotify

Description

This function returns the popularity and audio features for every song for a given set of playlists on Spotify

Usage

```
get_playlist_audio_features(  
  username,  
  playlist_uris,  
  authorization = get_spotify_access_token()  
)
```

Arguments

username	String of Spotify username. Can be found on the Spotify app.
playlist_uris	Character vector of Spotify playlist uris. Can be found within the Spotify App
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

A data frame with the audio features and popularity variables of playlists.

See Also

Other musicology functions: [get_artist_audio_features\(\)](#), [get_genre_artists\(\)](#), [get_track_audio_analysis\(\)](#), [get_track_audio_features\(\)](#), [get_user_audio_features\(\)](#)

Examples

```
playlist_username <- 'spotify'  
playlist_uris <- c('37i9dQZF1E9T1oFsQFg98K', '37i9dQZF1CyQNOI21QVf3p')  
playlist_audio_features <- get_playlist_audio_features(playlist_username, playlist_uris)
```

get_playlist_cover_image

Get Image Associated with Playlist

Description

Get the current image associated with a specific playlist.

Usage

```
get_playlist_cover_image(  
  playlist_id,  
  authorization = get_spotify_authorization_code()  
)
```

Arguments

playlist_id	Required. The Spotify ID for the playlist.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Current playlist image for both Public and Private playlists of any user are retrievable on provision of a valid access token.

Value

Returns a data frame of results containing playlist cover image information. See the official [Spotify Web API Documentation](#) for more information.

get_playlist_tracks

Get Details of User Playlist Tracks.

Description

Get full details of the tracks of a playlist owned by a Spotify user.

Usage

```

get_playlist_tracks(
  playlist_id,
  fields = NULL,
  limit = 100,
  offset = 0,
  market = NULL,
  authorization = get_spotify_access_token(),
  include_meta_info = FALSE
)

```

Arguments

playlist_id	Required. The Spotify ID for the playlist.
fields	Optional. Filters for the query: a comma-separated list of the fields to return. If omitted, all fields are returned. For example, to get just the playlist's creation date and album information: <code>fields = c("added_at", "track.album")</code> . A dot separator can be used to specify non-reoccurring fields, while parentheses can be used to specify reoccurring fields within objects. For example, to get just the added date and user ID of the adder: <code>fields = "tracks.items(added_at, added_by.id)"</code> . Use multiple parentheses to drill down into nested objects, for example: <code>fields = "tracks.items(track(name, href, album(name, href)))"</code> . Fields can be excluded by prefixing them with an exclamation mark, for example: <code>fields = "tracks.items(track(name, href, album(!name, href)))"</code> .
limit	Optional. Maximum number of tracks to return. Default: 100 Minimum: 1 Maximum: 100
offset	Optional. The index of the first track to return. Default: 0 (the first object).
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Both Public and Private playlists belonging to any user are retrievable on provision of a valid access token. Defaults to <code>spotify::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing user profile information. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-current-users-profile/> for more information.

See Also

Other track functions: [get_album_tracks\(\)](#), [get_tracks\(\)](#), [get_track\(\)](#)

get_recommendations *Create a playlist-style listening experience based on seed artists, tracks and genres.*

Description

All parameters are optional, but at least one of `seed_artists`, `seed_tracks` and `seed_genres` must be given.

Usage

```
get_recommendations(  
  limit = 20,  
  market = NULL,  
  seed_artists = NULL,  
  seed_genres = NULL,  
  seed_tracks = NULL,  
  max_acousticness = NULL,  
  max_danceability = NULL,  
  max_duration_ms = NULL,  
  max_energy = NULL,  
  max_instrumentalness = NULL,  
  max_key = NULL,  
  max_liveness = NULL,  
  max_loudness = NULL,  
  max_mode = NULL,  
  max_popularity = NULL,  
  max_speechiness = NULL,  
  max_tempo = NULL,  
  max_time_signature = NULL,  
  max_valence = NULL,  
  min_acousticness = NULL,  
  min_danceability = NULL,  
  min_duration_ms = NULL,  
  min_energy = NULL,  
  min_instrumentalness = NULL,  
  min_key = NULL,  
  min_liveness = NULL,
```

```

min_loudness = NULL,
min_mode = NULL,
min_popularity = NULL,
min_speechiness = NULL,
min_tempo = NULL,
min_time_signature = NULL,
min_valence = NULL,
target_acousticness = NULL,
target_danceability = NULL,
target_duration_ms = NULL,
target_energy = NULL,
target_instrumentalness = NULL,
target_key = NULL,
target_liveness = NULL,
target_loudness = NULL,
target_mode = NULL,
target_popularity = NULL,
target_speechiness = NULL,
target_tempo = NULL,
target_time_signature = NULL,
target_valence = NULL,
authorization = get_spotify_access_token(),
include_seeds_in_response = FALSE
)

```

Arguments

limit	Optional. The target size of the list of recommended tracks. For seeds with unusually small pools or when highly restrictive filtering is applied, it may be impossible to generate the requested number of recommended tracks. Debugging information for such cases is available in the response. Default: 20. Minimum: 1. Maximum: 100.
market	Optional. An ISO 3166-1 alpha-2 country code or the string from_token. Provide this parameter if you want to apply Track Relinking . Because min_*, max_* and target_* are applied to pools before relinking, the generated results may not precisely match the filters applied. Original, non-relinked tracks are available via the linked_from attribute of the relinked track response .
seed_artists	A character vector of Spotify IDs for seed artists. Up to 5 seed values may be provided in any combination of seed_artists, seed_tracks and seed_genres.
seed_genres	A character vector of any genres in the set of available genre seeds . Up to 5 seed values may be provided in any combination of seed_artists, seed_tracks and seed_genres.
seed_tracks	A character vector of Spotify IDs for a seed track. Up to 5 seed values may be provided in any combination of seed_artists, seed_tracks and seed_genres.
max_acousticness	Optional. Numeric value between 0 and 1 indicating a hard ceiling on recommended tracks' acousticness.

<code>max_danceability</code>	Optional. Numeric value between 0 and 1 indicating a hard ceiling on recommended tracks' danceability.
<code>max_duration_ms</code>	Optional. Integer indicating a hard ceiling on recommended tracks' duration in milliseconds.
<code>max_energy</code>	Optional. Numeric value between 0 and 1 indicating a hard ceiling on recommended tracks' energy.
<code>max_instrumentalness</code>	Optional. Numeric value between 0 and 1 indicating a hard ceiling on recommended tracks' instrumentalness.
<code>max_key</code>	Optional. Integer ranging from 1 to 12 indicating a hard ceiling on recommended tracks' key.
<code>max_liveness</code>	Optional. Numeric value between 0 and 1 indicating a hard ceiling on recommended tracks' liveness.
<code>max_loudness</code>	Optional. Numeric value between 0 and 1 indicating a hard ceiling on recommended tracks' loudness.
<code>max_mode</code>	Optional. Integer ranging from 0 to 1 indicating a hard ceiling on recommended tracks' mode.
<code>max_popularity</code>	Optional. Integer ranging between 0 and 100 indicating a hard ceiling on recommended tracks' popularity.
<code>max_speechiness</code>	Optional. Numeric value between 0 and 1 indicating a hard ceiling on recommended tracks' speechiness.
<code>max_tempo</code>	Optional. Numeric value indicating a hard ceiling on recommended tracks' tempo.
<code>max_time_signature</code>	Optional. Integer indicating a hard ceiling on recommended tracks' time signature.
<code>max_valence</code>	Optional. Numeric value between 0 and 1 indicating a hard ceiling on recommended tracks' valence.
<code>min_acousticness</code>	Optional. Numeric value between 0 and 1 indicating a hard floor on recommended tracks' acousticness.
<code>min_danceability</code>	Optional. Numeric value between 0 and 1 indicating a hard floor on recommended tracks' danceability.
<code>min_duration_ms</code>	Optional. Integer indicating a hard floor on recommended tracks' duration in milliseconds.
<code>min_energy</code>	Optional. Numeric value between 0 and 1 indicating a hard floor on recommended tracks' energy.
<code>min_instrumentalness</code>	Optional. Numeric value between 0 and 1 indicating a hard floor on recommended tracks' instrumentalness.

<code>min_key</code>	Optional. Integer ranging from 1 to 12 indicating a hard floor on recommended tracks' key.
<code>min_liveness</code>	Optional. Numeric value between 0 and 1 indicating a hard floor on recommended tracks' liveness.
<code>min_loudness</code>	Optional. Numeric value between 0 and 1 indicating a hard floor on recommended tracks' loudness.
<code>min_mode</code>	Optional. Integer ranging from 0 to 1 indicating a hard floor on recommended tracks' mode.
<code>min_popularity</code>	Optional. Integer ranging between 0 and 100 indicating a hard floor on recommended tracks' popularity.
<code>min_speechiness</code>	Optional. Numeric value between 0 and 1 indicating a hard floor on recommended tracks' speechiness.
<code>min_tempo</code>	Optional. Numeric value indicating a hard floor on recommended tracks' tempo.
<code>min_time_signature</code>	Optional. Integer indicating a hard floor on recommended tracks' time signature.
<code>min_valence</code>	Optional. Numeric value between 0 and 1 indicating a hard floor on recommended tracks' valence.
<code>target_acousticness</code>	Optional. Numeric value between 0 and 1 indicating a target value for recommended tracks' acousticness. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request <code>target_energy = 0.6</code> and <code>target_danceability = 0.8</code> . All target values will be weighed equally in ranking results.
<code>target_danceability</code>	Optional. Numeric value between 0 and 1 indicating a target value for recommended tracks' danceability. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request <code>target_energy = 0.6</code> and <code>target_danceability = 0.8</code> . All target values will be weighed equally in ranking results.
<code>target_duration_ms</code>	Optional. Integer indicating a target value for recommended tracks' duration in milliseconds. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request <code>target_energy = 0.6</code> and <code>target_danceability = 0.8</code> . All target values will be weighed equally in ranking results.
<code>target_energy</code>	Optional. Numeric value between 0 and 1 indicating a target value for recommended tracks' energy. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request <code>target_energy = 0.6</code> and <code>target_danceability = 0.8</code> . All target values will be weighed equally in ranking results.
<code>target_instrumentalness</code>	Optional. Numeric value between 0 and 1 indicating a target value for recommended tracks' instrumentalness. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request <code>target_energy = 0.6</code> and <code>target_danceability = 0.8</code> . All target values will be weighed equally in ranking results.

- `target_key` Optional. Integer ranging from 1 to 12 indicating a target value for recommended tracks' key. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6` and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.
- `target_liveness` Optional. Numeric value between 0 and 1 indicating a target value for recommended tracks' liveness. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6` and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.
- `target_loudness` Optional. Numeric value between 0 and 1 indicating a target value for recommended tracks' loudness. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6` and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.
- `target_mode` Optional. Integer ranging from 0 to 1 indicating a target value for recommended tracks' mode. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6` and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.
- `target_popularity` Optional. Integer ranging between 0 and 100 indicating a target value for recommended tracks' popularity. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6` and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.
- `target_speechiness` Optional. Numeric value between 0 and 1 indicating a target value for recommended tracks' speechiness. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6` and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.
- `target_tempo` Optional. Numeric value indicating a target value for recommended tracks' tempo. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6` and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.
- `target_time_signature` Optional. Integer indicating a target value for recommended tracks' time signature. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6` and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.
- `target_valence` Optional. Numeric value between 0 and 1 indicating a target value for recommended tracks' valence. Tracks with the attribute values nearest to the target values will be preferred. For example, you might request `target_energy = 0.6`

and `target_danceability = 0.8`. All target values will be weighed equally in ranking results.

`authorization` Required. A valid access token from the Spotify Accounts service. See the [Web API authorization guide](#) for more details. Defaults to `spotifyr::get_spotify_access_token()`

`include_seeds_in_response` Optional. Boolean for whether to include seed object in response. Defaults to `FALSE`.

Value

Returns a data frame of results recommendations. See the official [Spotify Web API documentation](#) for more information.

See Also

Other personalization functions: [get_my_top_artists_or_tracks\(\)](#), [get_recommendations_all\(\)](#)

Examples

```
get_recommendations(market = 'SE', seed_genres = 'rock')
```

```
get_recommendations_all
```

Get recommendations for unlimited vector of track IDs

Description

Get recommendations for a submitted vector of track IDs, with no limit on the number of seed tracks

Usage

```
get_recommendations_all(track_ids, valence = NULL)
```

Arguments

`track_ids` A vector containing the IDs of the tracks you'd like recommendations for

`valence` The target valence for the recommendations

Details

This is a wrapper for the [get_recommendations](#) function, which provides a workaround for the limit of 5 seed tracks per recommendation call. The function splits a supplied vector of track IDs into subsets of length 5, then applies a [get_recommendations](#) call, 5 tracks at a time. This should generate a data frame of recommended tracks, with length equal to the supplied vector of track ids.

Value

Returns a data frame containing binded recommendations from the Spotify API in a single data frame.

See Also

Other personalization functions: `get_my_top_artists_or_tracks()`, `get_recommendations()`

Examples

```
get_recommendations_all(
  track_ids = c("5VIpLopHgo1KcSSj7JPCMA", "3QRGYDFFUvb4qneE4DX1gR")
)
```

<code>get_related_artists</code>	<i>Get Spotify catalog information about artists similar to a given artist. Similarity is based on analysis of the Spotify community's listening history.</i>
----------------------------------	---

Description

Get Spotify catalog information about artists similar to a given artist. Similarity is based on analysis of the Spotify community's listening history.

Usage

```
get_related_artists(
  id,
  authorization = get_spotify_access_token(),
  include_meta_info = FALSE
)
```

Arguments

<code>id</code>	The Spotify ID for the artist.
<code>authorization</code>	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
<code>include_meta_info</code>	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing artist data. See <https://developer.spotify.com/documentation/web-api/reference/artists/get-several-artists/> for more information.

See Also

Other artist functions: [get_artist_albums\(\)](#), [get_artist_top_tracks\(\)](#), [get_artists\(\)](#), [get_artist\(\)](#), [get_my_followed_artists\(\)](#)

get_show	<i>Get Spotify catalog information for a single show.</i>
----------	---

Description

Get Spotify catalog information for a single show.

Usage

```
get_show(id, market = NULL, authorization = get_spotify_authorization_code())
```

Arguments

id	The Spotify ID for the show.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". 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.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Reading the user's resume points on episode objects requires the user-read-playback-position scope. See Using Scopes .

Value

Returns a data frame of results containing show data. See the **official documentation** for more information.

get_shows	<i>Get Spotify catalog information for multiple shows identified by their Spotify IDs.</i>
-----------	--

Description

Get Spotify catalog information for multiple shows identified by their Spotify IDs.

Usage

```
get_shows(
  ids,
  market = NULL,
  authorization = get_spotify_authorization_code(),
  include_meta_info = FALSE
)
```

Arguments

ids	Required. A character vector of the Spotify IDs for the shows. Maximum: 20 IDs.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". 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.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Reading the user's resume points on episode objects requires the user-read-playback-position scope. See Using Scopes .
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing show data. See <https://developer.spotify.com/documentation/web-api/reference/shows/get-several-shows/> for more information.

get_show_episodes	<i>Get Spotify catalog information about an show's episodes. Optional parameters can be used to limit the number of episodes returned.</i>
-------------------	--

Description

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

Usage

```
get_show_episodes(
  id,
  limit = 20,
  offset = 0,
```

```

    market = NULL,
    authorization = get_spotify_authorization_code(),
    include_meta_info = FALSE
)

```

Arguments

<code>id</code>	Required. The Spotify ID for the show.
<code>limit</code>	Optional. Maximum number of results to return. Default: 20 Minimum: 1 Maximum: 50
<code>offset</code>	Optional. The index of the first album to return. Default: 0 (the first album). Maximum offset (including limit): 10,000. Use with <code>limit</code> to get the next set of episodes.
<code>market</code>	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". 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.
<code>authorization</code>	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Reading the user's resume points on episode objects requires the user-read-playback-position scope. See Using Scopes .
<code>include_meta_info</code>	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing show data. See the official API [documentation](#) for more information.

```
get_spotify_access_token
```

Get Spotify Access Token

Description

This function creates a Spotify access token.

Usage

```
get_spotify_access_token(  
  client_id = Sys.getenv("SPOTIFY_CLIENT_ID"),  
  client_secret = Sys.getenv("SPOTIFY_CLIENT_SECRET")  
)
```

Arguments

client_id Defaults to System Environment variable "SPOTIFY_CLIENT_ID"
client_secret Defaults to System Environment variable "SPOTIFY_CLIENT_SECRET"

Value

The Spotify Access Token of the current user or a meaningful error message.

See Also

Other authentication functions: [get_spotify_authorization_code\(\)](#)

Examples

```
token <- get_spotify_access_token()
```

```
get_spotify_authorization_code  
Get Spotify Authorization Code
```

Description

This function creates a Spotify authorization code. See [httr::oauth2.0_token](#).

Usage

```
get_spotify_authorization_code(  
  client_id = Sys.getenv("SPOTIFY_CLIENT_ID"),  
  client_secret = Sys.getenv("SPOTIFY_CLIENT_SECRET"),  
  scope = scopes()  
)
```

Arguments

client_id Defaults to System Environment variable "SPOTIFY_CLIENT_ID"
client_secret Defaults to System Environment variable "SPOTIFY_CLIENT_SECRET"
scope Space delimited string of spotify scopes, found here: <https://developer.spotify.com/documentation/general>
All scopes are selected by default

Value

The Spotify Web API Token2.0 reference class object (see [http:::oauth2.0_token](#)), or an error message.

See Also

Other authentication functions: [get_spotify_access_token\(\)](#)

Examples

```
authorization <- get_spotify_authorization_code()
```

get_track	<i>Get Spotify catalog information for a single track identified by its unique Spotify ID.</i>
-----------	--

Description

Get Spotify catalog information for a single track identified by its unique Spotify ID.

Usage

```
get_track(id, market = NULL, authorization = get_spotify_access_token())
```

Arguments

id	The Spotify ID for the track.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

Returns a data frame of results containing track data. See <https://developer.spotify.com/documentation/web-api/reference/tracks/get-several-tracks/> for more information.

See Also

Other track functions: [get_album_tracks\(\)](#), [get_playlist_tracks\(\)](#), [get_tracks\(\)](#)

get_tracks	<i>Get Spotify catalog information for a single track identified by its unique Spotify ID.</i>
------------	--

Description

Get Spotify catalog information for a single track identified by its unique Spotify ID.

Usage

```
get_tracks(  
    ids,  
    market = NULL,  
    authorization = get_spotify_access_token(),  
    include_meta_info = FALSE  
)
```

Arguments

ids	The Spotify ID for the track.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing track data. See <https://developer.spotify.com/documentation/web-api/reference/tracks/get-several-tracks/> for more information.

See Also

Other track functions: [get_album_tracks\(\)](#), [get_playlist_tracks\(\)](#), [get_track\(\)](#)

get_track_audio_analysis

Get a detailed audio analysis for a single track identified by its unique Spotify ID.

Description

Get a detailed audio analysis for a single track identified by its unique Spotify ID.

Usage

```
get_track_audio_analysis(id, authorization = get_spotify_access_token())
```

Arguments

id The **Spotify ID** for the track.

authorization Required. A valid access token from the Spotify Accounts service. See the **Web API authorization guide** for more details. Defaults to `spotifyr::get_spotify_access_token()`

Value

Returns a data frame of results containing track audio analysis data. See <https://developer.spotify.com/documentation/web-api/reference/tracks/get-audio-analysis/> for more information.

See Also

Other musicology functions: [get_artist_audio_features\(\)](#), [get_genre_artists\(\)](#), [get_playlist_audio_features\(\)](#), [get_track_audio_features\(\)](#), [get_user_audio_features\(\)](#)

get_track_audio_features

Get audio features of tracks

Description

Get audio feature information for up to 100 tracks identified by their unique Spotify IDs.

Usage

```
get_track_audio_features(ids, authorization = get_spotify_access_token())
```

Arguments

- `ids` Required. A comma-separated list of the [Spotify IDs](#) of the tracks. Maximum: 100 IDs.
- `authorization` Required. A valid access token from the Spotify Accounts service. See the [Web API authorization guide](#) for more details. Defaults to `spotifyr::get_spotify_access_token()`

Value

Returns a data frame of results containing track audio features data. See <https://developer.spotify.com/documentation/web-api/reference/tracks/get-several-audio-features/> for more information.

See Also

Other musicology functions: [get_artist_audio_features\(\)](#), [get_genre_artists\(\)](#), [get_playlist_audio_features\(\)](#), [get_track_audio_analysis\(\)](#), [get_user_audio_features\(\)](#)

get_user_audio_features

Get User Playlist Audio Features

Description

Get audio feature information for a users' playlists.

Usage

```
get_user_audio_features(
  username = NULL,
  authorization = get_spotify_access_token()
)
```

Arguments

- `username` Required. String of Spotify username.
- `authorization` Required. A valid access token from the Spotify Accounts service. See the [Web API authorization Guide](#) for more details. Defaults to `spotifyr::get_spotify_access_token()`

Value

Returns a data frame of results containing track audio features data. See the [Spotify Web API documentation](#) for more information.

See Also

Other musicology functions: [get_artist_audio_features\(\)](#), [get_genre_artists\(\)](#), [get_playlist_audio_features\(\)](#), [get_track_audio_analysis\(\)](#), [get_track_audio_features\(\)](#)

get_user_playlists *Get List of User Playlists*

Description

Get a list of the playlists owned or followed by a Spotify user.

Usage

```
get_user_playlists(
  user_id,
  limit = 20,
  offset = 0,
  authorization = get_spotify_authorization_code(),
  include_meta_info = FALSE
)
```

Arguments

user_id	Required. The user's Spotify user ID .
limit	Optional. Maximum number of playlists to return. Default: 20 Minimum: 1 Maximum: 50
offset	Optional. The index of the first playlist to return. Default: 0 (the first object). Maximum offset: 100,000. Use with limit to get the next set of playlists.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Private playlists are only retrievable for the current user and requires the <code>playlist-read-private</code> scope to have been authorized by the user. Note that this scope alone will not return collaborative playlists, even though they are always private. Collaborative playlists are only retrievable for the current user and requires the <code>playlist-read-collaborative</code> scope to have been authorized by the user.
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

Returns a data frame of results containing user playlist information. See the official [Spotify Web API documentation](#) for more information.

See Also

Other playlist functions: `add_tracks_to_playlist()`, `change_playlist_details()`, `check_users_following()`, `create_playlist()`, `get_my_playlists()`, `get_playlist()`, `remove_tracks_from_playlist()`, `tidy()`

get_user_profile	<i>Get User Public Profile Information</i>
------------------	--

Description

Get public profile information about a Spotify user.

Usage

```
get_user_profile(user_id, authorization = get_spotify_access_token())
```

Arguments

user_id	Required. The user's Spotify user ID .
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code>

Value

Returns a data frame of results containing user profile information. See <https://developer.spotify.com/documentation/web-api/reference/users-profile/get-users-profile/> for more information.

pause_my_playback	<i>Pause Playback</i>
-------------------	-----------------------

Description

Pause playback on the user's device.

Usage

```
pause_my_playback(  
  device_id = NULL,  
  authorization = get_spotify_authorization_code()  
)
```

Arguments

device_id	Optional. The id of the device this command is targeting. If not supplied, the user's currently active device is the target.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-modify-playback-state</code> scope authorized in order to control playback.

Value

The response from the Spotify Web API on the PUT request, with a meaningful error message if the operation was not successful.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

remove_tracks_from_playlist

Remove Tracks from User's Playlist

Description

Remove one or more tracks from a user's playlist.

Usage

```
remove_tracks_from_playlist(
  playlist_id,
  uris,
  authorization = get_spotify_authorization_code()
)
```

Arguments

playlist_id	Required. The Spotify ID for the playlist.
uris	Optional. A character vector of Spotify track URIs to add. For example <code>uris = "spotify:track:4iV5W9uYEdYUVa79Axb7Rh", "spotify:track:1301W1eyT98MSxVHPZCA6M"</code> . A maximum of 100 tracks can be removed in one request.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Removing tracks to the current user's public playlists requires authorization of

the `playlist-modify-public` scope; removing tracks from the current user's private playlist (including collaborative playlists) requires the `playlist-modify-private` scope. See [Using Scopes](#).

Value

The response from the Spotify Web API on the DELETE request, with a meaningful error message if the operation was not successful.

See Also

Other playlist functions: [add_tracks_to_playlist\(\)](#), [change_playlist_details\(\)](#), [check_users_following\(\)](#), [create_playlist\(\)](#), [get_my_playlists\(\)](#), [get_playlist\(\)](#), [get_user_playlists\(\)](#), [tidy\(\)](#)

scopes

Valid Authorization Scopes

Description

A vector of valid scopes for [get_spotify_authorization_code](#).

Usage

```
scopes()
```

Value

A character vector of valid authorization scopes for the Spotify Web API. See [Spotify Web API Authorization Scopes](#)

Examples

```
scopes()
```

search_spotify

Search for an Item

Description

Get Spotify Catalog information about artists, albums, tracks or playlists that match a keyword string. For more information see the official [documentation](#).

Usage

```
search_spotify(
  q,
  type = c("album", "artist", "playlist", "track"),
  market = NULL,
  limit = 20,
  offset = 0,
  include_external = NULL,
  authorization = get_spotify_access_token(),
  include_meta_info = FALSE
)
```

Arguments

q	Required. Search query keywords and optional field filters and operators.
type	A character vector of item types to search across. Valid types are album, artist, playlist, and track. Search results include hits from all the specified item types. For example: q = "name:abacab" and type =c("album", "track") returns both albums and tracks with "abacab" included in their name.
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". If a country code is specified, only artists, albums, and tracks with content that is playable in that market is returned. Note: - Playlist results are not affected by the market parameter. - If market is set to "from_token", and a valid access token is specified in the request header, only content playable in the country associated with the user account, is returned. - Users can view the country that is associated with their account in the account settings. A user must grant access to the user-read-private scope prior to when the access token is issued.
limit	Optional. Maximum number of results to return. Default: 20 Minimum: 1 Maximum: 50 Note: The limit is applied within each type, not on the total response. For example, if the limit value is 3 and the type is c("artist", "album"), the response contains 3 artists and 3 albums.
offset	Optional. The index of the first result to return. Default: 0 (the first result). Maximum offset (including limit): 10,000. Use with limit to get the next page of search results.

include_external	Optional. Possible values: audio If include_external = "audio" is specified the response will include any relevant audio content that is hosted externally. By default external content is filtered out from responses.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization guide for more details. Defaults to <code>spotify::get_spotify_access_token()</code>
include_meta_info	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Value

A tibble with detailed information about the searched album, artist, playlist, track or their combination.

Examples

```
search_spotify('radiohead', 'artist')
```

seek_to_position	<i>Seeks to the given position in the user's currently playing track.</i>
------------------	---

Description

Seeks to the given position in the user's currently playing track.

Usage

```
seek_to_position(
  position_ms,
  device_id = NULL,
  authorization = get_spotify_authorization_code()
)
```

Arguments

position_ms	Required. Integer indicating the position in milliseconds to seek to. Must be a positive number. Passing in a position that is greater than the length of the track will cause the player to start playing the next song.
device_id	Optional. The id of the device this command is targeting. If not supplied, the user's currently active device is the target.

authorization Required. A valid access token from the Spotify Accounts service. See the [Web API authorization Guide](#) for more details. Defaults to `spotify::get_spotify_access_token()`. The access token must have been issued on behalf of the current user. The access token must have the `user-modify-playback-state` scope authorized in order to control playback.

Value

The response from the Spotify Web API on the POST request, with a meaningful error message if the operation was not successful.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

set_my_repeat_mode *Set User Playback Mode*

Description

Set the repeat mode for the user's playback. Options are `repeat-track`, `repeat-context`, and `off`.

Usage

```
set_my_repeat_mode(
  state,
  device_id = NULL,
  authorization = get_spotify_authorization_code()
)
```

Arguments

state	Required. "track", "context", or "off" "track" will repeat the current track. "context" will repeat the current context. "off" will turn repeat off
device_id	Optional. The id of the device this command is targeting. If not supplied, the user's currently active device is the target.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotify::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-modify-playback-state</code> scope authorized in order to control playback.

Value

The response from the Spotify Web API on the PUT request, with a meaningful error message if the operation was not successful.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

set_my_volume	<i>Set User Device Volume</i>
---------------	-------------------------------

Description

Set the volume for the user's current playback device.

Usage

```
set_my_volume(
    volume_percent = 50,
    device_id = NULL,
    authorization = get_spotify_authorization_code()
)
```

Arguments

volume_percent	Required integer value. The volume to set. Must be a value from 0 to 100 inclusive. Defaults to 50.
device_id	Optional. The id of the device this command is targeting. If not supplied, the user's currently active device is the target.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotify::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-modify-playback-state</code> scope authorized in order to control playback.

Value

The response from the Spotify Web API on the PUT request, with a meaningful error message if the operation was not successful.

skip_my_playback	<i>Skips to Next Track</i>
------------------	----------------------------

Description

Skips to next track in the user's queue.

Usage

```
skip_my_playback(
    device_id = NULL,
    authorization = get_spotify_authorization_code()
)
```

Arguments

device_id	Optional. The id of the device this command is targeting. If not supplied, the user's currently active device is the target.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-modify-playback-state</code> scope authorized in order to control playback.

Value

The response from the Spotify Web API on the POST request, with a meaningful error message if the operation was not successful.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

skip_my_playback_previous	<i>Skips to previous track in the user's queue.</i>
---------------------------	---

Description

Skips to previous track in the user's queue.

Usage

```
skip_my_playback_previous(  
    device_id = NULL,  
    authorization = get_spotify_authorization_code()  
)
```

Arguments

<code>device_id</code>	Optional. The id of the device this command is targeting. If not supplied, the user's currently active device is the target.
<code>authorization</code>	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-modify-playback-state</code> scope authorized in order to control playback.

Value

The response from the Spotify Web API on the POST request, with a meaningful error message if the operation was not successful.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

spotifyr

spotifyr *package*

Description

A Quick and Easy Wrapper for Pulling Track Audio Features from Spotify's Web API in Bulk

Details

See the README on [GitHub](#)

artist functions

Retrieve information related to artists. [get_artist](#): Get the data of a single artist.
[get_artists](#): Get the data of multiple artist.
[get_related_artists](#): Get that of related artist to an original artist.
[get_artist_albums](#): Get artists who appear on an album.

track functions

Retrieve information related to individual song recordings (songs, concerts). [get_track](#)
[get_tracks](#)
[get_playlist_tracks](#)

album functions

Retrieve information about albums. See also [get_album_tracks](#).

playlist functions

Work with playlists.
[add_tracks_to_playlist](#)
[change_playlist_details](#)
[get_user_playlists](#)

player functions

Interact with the user's devices and players.

personalization functions

[get_my_top_artists_or_tracks](#)

musicology functions

Functions related to the contents of the music.
[get_track_audio_analysis](#)
[get_artist_audio_features](#)
[get_playlist_audio_features](#)
[get_user_audio_features](#)
[get_genre_artists](#)

lyrics functions

Functions related to the lyrics of the music, such as [get_discography](#).

search functions

Search for an artist, song or other keyword.
The main function is [search_spotify](#).

authentication functions

Helper functions to provide authentication function for requests. Never reveal in public documents, markdown files the returned values of these functions:

[get_spotify_authorization_code](#)
[get_spotify_access_token](#).

start_my_playback	<i>Skips to previous track in the user's queue.</i>
-------------------	---

Description

Skips to previous track in the user's queue.

Usage

```
start_my_playback(
  device_id = NULL,
  context_uri = NULL,
  uris = NULL,
  offset = NULL,
  position_ms = NULL,
  authorization = get_spotify_authorization_code()
)
```

Arguments

device_id	Optional. The id of the device this command is targeting. If not supplied, the user's currently active device is the target.
context_uri	Optional. String of the Spotify URI of the context to play. Valid contexts are albums, artists, playlists. Example context_uri = "spotify:album:1Je1IMU1BXcx1Fz0WE7oPT".
uris	Optional. A character vector of the Spotify track URIs to play. For example: "uris": c("spotify:track:4iV5W9uYEdYUVa79Axb7Rh", "spotify:track:1301W1eyT98MSxVHPZCA6M").
offset	Optional. A named list indicating from where the context playback should start. Only available when context_uri corresponds to an album or playlist object, or when the uris parameter is used. "position" is zero based and can't be negative. Example: "offset" = list("position" = 5). "uri" is a string representing the uri of the item to start at. Example: "offset" = list("uri" = "spotify:track:1301W1eyT98MSxVHPZCA6M").
position_ms	Optional. Integer indicating from what position to start playback. Must be a positive number. Passing in a position that is greater than the length of the track will cause the player to start playing the next song.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to spotifyr::get_spotify_access_token(). The access token must have been issued on behalf of the current user. The access token must have the user-modify-playback-state scope authorized in order to control playback.

Value

The response from the Spotify Web API on the POST request, with a meaningful error message if the operation was not successful.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [toggle_my_shuffle\(\)](#), [transfer_my_playback\(\)](#)

tidy

Tidy a Playlist

Description

[tidy](#) extracts and tidies the data frame containing track level information that is returned from [get_playlist](#) as a tibble.

Usage

```
tidy(x, ...)

## S3 method for class 'playlist'
tidy(x, ...)

## S3 method for class 'playlist'
print(x, ...)
```

Arguments

x A playlist object generated from [get_playlist\(\)](#).
... Unused.

Value

Return or print a tidy version a tibble containing the track level information that is returned from [get_playlist](#).

See Also

Other playlist functions: [add_tracks_to_playlist\(\)](#), [change_playlist_details\(\)](#), [check_users_following\(\)](#), [create_playlist\(\)](#), [get_my_playlists\(\)](#), [get_playlist\(\)](#), [get_user_playlists\(\)](#), [remove_tracks_from_playlist\(\)](#)

Examples

```
fall <- get_playlist("4GSV6uJz1btTCPJhnVU1o8")
tidy(fall)

print(fall)
```

toggle_my_shuffle	<i>Toggle shuffle on or off for user's playback.</i>
-------------------	--

Description

Toggle shuffle on or off for user's playback.

Usage

```
toggle_my_shuffle(
  state,
  device_id = NULL,
  authorization = get_spotify_authorization_code()
)
```

Arguments

state	Required. TRUE: Shuffle user's playback FALSE Do not shuffle user's playback
device_id	Optional. The id of the device this command is targeting. If not supplied, the user's currently active device is the target.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotify::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-modify-playback-state</code> scope authorized in order to control playback.

Value

The response from the Spotify Web API on the PUT request, with a meaningful error message if the operation was not successful.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [transfer_my_playback\(\)](#)

transfer_my_playback *Transfer playback to a new device and determine if it should start playing.*

Description

Transfer playback to a new device and determine if it should start playing.

Usage

```
transfer_my_playback(
  device_ids,
  play = FALSE,
  authorization = get_spotify_authorization_code()
)
```

Arguments

device_ids	Required. A character vector containing the ID of the device this on which playback should be started/transferred. Note: only a single device_id is currently supported.
play	Optional. TRUE: Ensure playback happens on new device FALSE (default): keep the current playback state Note that a value of FALSE for the play parameter when also transferring to another device_id will not pause playback. To ensure that playback is paused on the new device you should send a pause command to the currently active device before transferring to the new device_id.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_access_token()</code> . The access token must have been issued on behalf of the current user. The access token must have the <code>user-modify-playback-state</code> scope authorized in order to control playback.

Value

The response from the Spotify Web API on the PUT request, with a meaningful error message if the operation was not successful.

See Also

Other player functions: [get_my_current_playback\(\)](#), [get_my_currently_playing\(\)](#), [get_my_devices\(\)](#), [get_my_recently_played\(\)](#), [pause_my_playback\(\)](#), [seek_to_position\(\)](#), [set_my_repeat_mode\(\)](#), [skip_my_playback_previous\(\)](#), [skip_my_playback\(\)](#), [start_my_playback\(\)](#), [toggle_my_shuffle\(\)](#)

unfollow_playlist	<i>Remove Current User from Followers of Playlist.</i>
-------------------	--

Description

Remove Current User from Followers of Playlist.

Usage

```
unfollow_playlist(  
    playlist_id,  
    authorization = get_spotify_authorization_code()  
)
```

Arguments

playlist_id	Required. The Spotify ID of the playlist that is to be no longer followed.
authorization	Required. A valid access token from the Spotify Accounts service. See the Web API authorization Guide for more details. Defaults to <code>spotifyr::get_spotify_authorization_code()</code> . The access token must have been issued on behalf of the current user. Unfollowing a publicly followed playlist for a user requires authorization of the <code>playlist-modify-public</code> scope; unfollowing a privately followed playlist requires the <code>playlist-modify-private</code> scope. See Using Scopes . Note that the scopes you provide relate only to whether the current user is following the playlist publicly or privately (i.e. showing others what they are following), not whether the playlist itself is public or private.

Value

The response from the Spotify Web API on the DELETE request, with a meaningful error message if the operation was not successful.

validate_parameters	<i>Asssertion for Correct API Requests.</i>
---------------------	---

Description

Assertions are made to give early and precise error messages for wrong API call parameters.

Usage

```

validate_parameters(
  artists_or_tracks = NULL,
  artist_or_user = NULL,
  market = NULL,
  country = NULL,
  limit = NULL,
  offset = NULL,
  locale = NULL,
  volume_percent = NULL,
  time_range = NULL,
  position_ms = NULL,
  state = NULL,
  include_meta_info = NULL
)

```

Arguments

artists_or_tracks	The type parameter must be either 'artists' or 'tracks'."
artist_or_user	"The type parameter must be either 'artist' or 'user'."
market	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
country	Optional. An ISO 3166-1 alpha-2 country code or the string "from_token". Provide this parameter if you want to apply Track Relinking
limit	Optional. The maximum number of items to return. Default to 20. Minimum: 1. Maximum: 50.
offset	Optional. The index of the first item to return. Defaults to 0, i.e., the first object. Use with limit to get the next set of items.
locale	Optional. The desired language, consisting of an ISO 639-1 language code and an ISO 3166-1 alpha-2 country code , joined by an underscore. For example: es_MX, meaning "Spanish (Mexico)". Provide this parameter if you want the category strings returned in a particular language. Note that, if locale is not supplied, or if the specified language is not available, the category strings returned will be in the Spotify default language (American English). The locale parameter, combined with the country parameter, may give odd results if not carefully matched. For example country=SE&locale=de_DE will return a list of categories relevant to Sweden but as German language strings.
volume_percent	Required integer value. The volume to set. Must be a value from 0 to 100 inclusive. Defaults to 50.
time_range	Optional. Over what time frame the affinities are computed. Valid values: long_term (calculated from several years of data and including all new data as it becomes available), medium_term (approximately last 6 months), short_term (approximately last 4 weeks). Default: medium_term.

<code>position_ms</code>	Optional. Integer indicating from what position to start playback. Must be a positive number. Passing in a position that is greater than the length of the track will cause the player to start playing the next song.
<code>state</code>	The state parameter must be exactly one of 'track', 'context' or 'off'.
<code>include_meta_info</code>	Optional. Boolean indicating whether to include full result, with meta information such as "total", and "limit". Defaults to FALSE.

Details

These assertions are called from various wrapper functions. However, you can also call this function directly to make sure that you are adding (programmatically) the correct parameters to a call.

All [validate_parameters](#) parameters default to NULL. Asserts the correct parameter values for any values that are not NULL.

Value

A boolean if the parameter matches the Spotify Web API parameter range.

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