### 6. How does the application save a playlist to a user's profile?

To save the playlist to Spotify we will have to do a POST request containing the song, artist and album of all tracks on the playlist to be added as a playlist of the Spotify user.

How to create a playlist through the Spotify API is found at the documentation of the create-playlist endpoint. [[1]](#footnote-0)

Endpoint:

POST https://api.spotify.com/v1/users/{user\_id}/playlists

How to use it:

POST "https://api.spotify.com/v1/users/thelinmichael/playlists" -H "Authorization: Bearer {your access token}" -H "Content-Type: application/json" --data "{\"name\":\"A New Playlist\", \"public\":false}"

This will add a playlist with name ‘A new Playlist’.

Who the user is can be obtained by another request [[2]](#footnote-1):

GET https://api.spotify.com/v1/me

How to use it:

GET "https://api.spotify.com/v1/me" -H "Authorization: Bearer {your access token}"

and then from the jsonResponse object retrieve the property ’id’

To add tracks to the new playlist you might add them directly to the above POST request I guess, like

--data "{

\"name\":\"A New Playlist\",

\"public\":false,

\”tracks\”: {

\”items\”: [ ]

}

}"

putting the tracks in there. How to do that is also described [[3]](#footnote-2). The content of the items array would look like:

{

added\_at: ,

aded\_by: ,

is\_local: false,

track: {

album: { },

artists: [ {

external\_urls: ,

href: ,

id: ,

name: ,

type: ,

uri:

}, ...

],

name: \“songname\”

type: \”track\”

}

}

To find what to put exactly where, see the complete list of Objects of the Spotify API. [[4]](#footnote-3)

$.ajax({  
 url: 'https://api.spotify.com/v1/me',  
 headers: {  
 'Authorization': 'Bearer ' + accessToken  
 },  
 success: function(response) {  
 ...  
 }  
});

1. "javascript - (Spotify Web API) Create New Playlist - POST request ...." 20 jun.. 2016, <https://stackoverflow.com/questions/37931911/spotify-web-api-create-new-playlist-post-request-returning-error-403-forbi>. Geopend op 22 aug.. 2017. [↑](#footnote-ref-0)
2. "Spotify API changed "Web API User Profile Endpoints" - November 25 ...." 25 nov.. 2015, <https://www.hitchhq.com/spotify/activities/web-api-user-profile-endpoints-575985278e2e411000b8ecd1>. Geopend op 22 aug.. 2017. [↑](#footnote-ref-1)
3. "Spotify API changed "Web API Object Model" - October 31 2016 - Hitch." 30 okt.. 2016, <https://www.hitchhq.com/spotify/activities/web-api-object-model-5819f13ff67e55cb7d65ebc5>. Geopend op 22 aug.. 2017. [↑](#footnote-ref-2)
4. "Spotify API changed "Web API Object Model" - March 6 2017 - Hitch." <https://www.hitchhq.com/spotify/activities/web-api-object-model-58bfeb84c7a4f723fdf175cf>. Geopend op 22 aug.. 2017. [↑](#footnote-ref-3)