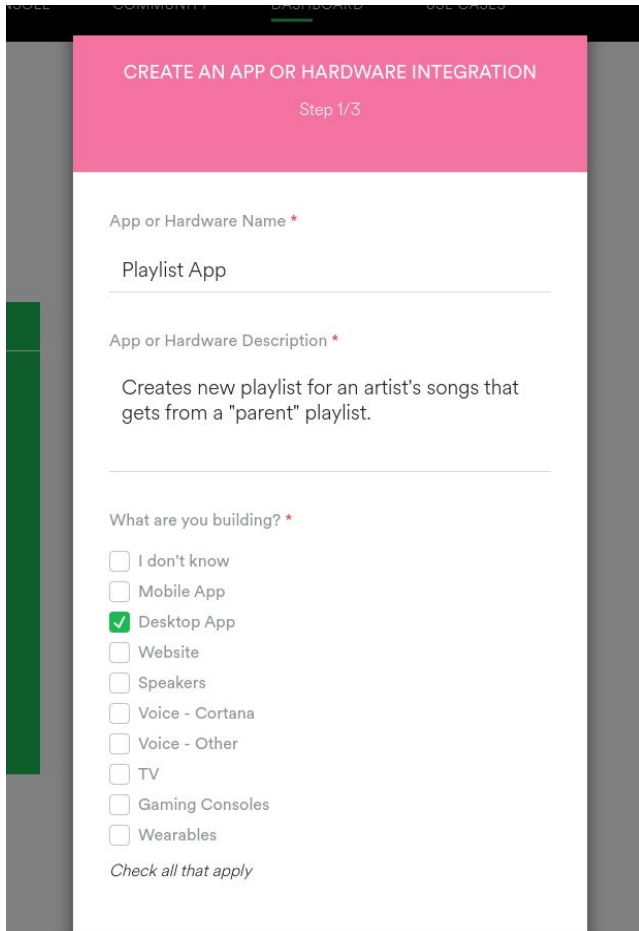# How-to-use

This is a quick guide, so you can use this repository's code correctly and easily. First thing you need to have is a Spotify account and a huge playlist with a vast variety of songs and artists.

- Log in to Spotify API (https://developer.spotify.com/dashboard/login)
- Create an app. Below there is an example pic on how you should fill the required fields.

- Click NEXT and then NON-COMMERCIAL.
- Then check the three boxes and click SUBMIT. You will be taken to the app's page.
- Click the green button at the top right of your screen "EDIT SETTINGS".
- Go to Redirect URIs and put a uri there. Be careful later, during oauth process you will get redirected there to grab a code. Personally I used my github's uri. Then click Save.

Website

Add a website

Where the user may obtain more information about this application (e.g. http://mysite.com).

Redirect URIs

https://github.com/DeadManLogan   ADD

White-listed addresses to redirect to after authentication success OR failure (e.g. http://mysite.com/callback/)

Bundle IDs

com.example.myapp   ADD

Apple iOS App Store Bundle Identifier (e.g. com.mysite.myapp)

Android Packages

com.example.myapp   ADD

01:D8:AA:43:97:59:EE:C5:95:26:6A:07:EE:1C:

Android Package Name and SHA1 Fingerprint. See more at Google Developers Console Help.

Remember to **save your changes** so they take effect.

SAVE   CANCEL   DELETE

- Now click Show Client Secret and get your Client ID and Secret. You will need them many times.

Client ID   06aa67f1d5f0484baefc1a505f37d131

Client Secret   487e5cc356234862820a5be8ca2f9c3d RESET

HIDE CLIENT SECRET
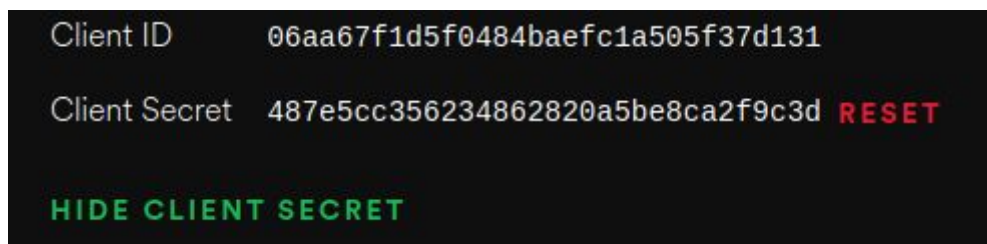
- Go to the spotipy folder of your repo and open the util.py file. Around 14th row you will see `CLIENT_CREDS_ENV_VARS`. Fill the credentials with the ones you got before. The client_username is your spotify account's id. That means you have to go to your spotify account, click the three dots under your name, share and then copy uri link. Paste it there but keep only the id part of the uri.
- Now it is time to get OAUTH token from the SPotify API. I will save you time and we will use the access-token that lasts 1 hour. If you want to know how to get refresh-token read the oauth.txt file I have above.

- Follow https://developer.spotify.com/console/post-playlist-tracks/ and press Get Token.

- Like above check those mandatory scopes and request for a new token.
- Copy the new token and paste it inside the final.py line 101, token variable. Be careful not to paste it over the quotation marks.
- Now you are almost ready to execute the code. Put these lines of code one every new terminal you open:$ bash
  $ export SPOTIPY_CLIENT_ID='06aa67f1d5f0484baefc1a505f37d131'
  $ export SPOTIPY_CLIENT_SECRET='487e5cc356234862820a5be8ca2f9c3d'
  $ export SPOTIPY_REDIRECT_URI='https://github.com/DeadManLogan'
- Last but not least, you have to put the corresponding credentials at lines 45,97 and 117 in code. Don't worry I have comments to help you fill those lines.
- Congratulations you are ready to execute the code. Below there is a quick presentation on how to do it.

```
Give the name of the artist's song's uris you want: Shinedown
100 / 913
['spotify:track:3Tp7y0bLogDQsIO5tTTOH4']
['spotify:track:6kEJVYj0AjAxMvvITB3Q45']
['spotify:track:4LFBVDJV0xpayUvquQVzhS']
200 / 913
['spotify:track:5xiAcvS8jPpJaaSv1BWAGa']
['spotify:track:1PLMK1ui86iHHG3FM1N7ue']
['spotify:track:1SDl9wY1MqbpJQW0yKEWxL']
300 / 913
400 / 913
['spotify:track:2CAS8EqkMY71BO39MhWobU']
['spotify:track:0PxslSdWyE1OMThjYxHkOH']
['spotify:track:1fnULsZuORnAgCFFbM8nTZ']
500 / 913
['spotify:track:33JmIIfnnqxwUSpXo5ttDG']
600 / 913
700 / 913
['spotify:track:2le5xHvcWF8PDp608d4L8D']
['spotify:track:0CwYG1UnRmOx8Q1EzElCIL']
['spotify:track:0ILR5GMSzBRp2LrI8GX1Si']
['spotify:track:1V2FWYA9sLJQqjQ8BRWj7Q']
['spotify:track:23SlyxzUtQtExgEButcOtR']
800 / 913
['spotify:track:31SemFRY2vdsfUAeM4jCBn']
['spotify:track:2Bu4dB6VHWtSUn4cyLAjNU']
['spotify:track:2nBWxgSZ79w9l6t2rUg6pl']
['spotify:track:6rENDtivS1C4j2k3nLQLgG']
['spotify:track:7GcE7k2IlpRZXzMcfwttj9']
900 / 913
['spotify:track:2hEYslbdYWFSIA6JboUvnR']
['spotify:track:2v2tACRdYHWFMuUIvSI4fL']
['spotify:track:1OKQIvaO7yn7R2BpdUFG7D']
['spotify:track:1qAuIPMALdFtGv2Ymjy5l0']
['spotify:track:6kPDxVwJH5YtKeytA2rA6M']
913 / 913
['spotify:track:69Okr5waikbnJWwzfaTQHe']
913 / 913
{
  "collaborative" : false,
  "description" : "",
  "external_urls" : {
    "spotify" : "https://open.spotify.com/playlist/68ct8efiL0RQnnBLOWhyXR"
  },
  "followers" : {
    "href" : null,
    "total" : 0
  },
  "href" : "https://api.spotify.com/v1/playlists/68ct8efiL0RQnnBLOWhyXR",
```

```
    url   : spotify:user:tqq5C9088su1aor5j4xhZbUth
  },
  "primary_color" : null,
  "public" : true,
  "snapshot_id" : "MSxmZmE5MWIyYjE2OWYwMGQ2ZTkyZTAzZGRhYmZjOGEyNDJjOTNjZjhi",
  "tracks" : {
    "href" : "https://api.spotify.com/v1/playlists/68ct8efiL0RQnnBLOWhyXR/tracks",
    "items" : [ ],
    "limit" : 100,
    "next" : null,
    "offset" : 0,
    "previous" : null,
    "total" : 0
  },
  "type" : "playlist",
  "uri" : "spotify:playlist:68ct8efiL0RQnnBLOWhyXR"
}spotify:playlist:68ct8efiL0RQnnBLOWhyXR
   1 spotify:playlist:68ct8efiL0RQnnBLOWhyXR Shinedown
   2 spotify:playlist:3ZtkeItho8QuDLPhCpUK1G Random  Rock
68ct8efiL0RQnnBLOWhyXR
{
  "snapshot_id" : "Myw1YTA1NDRhYTMxZWEzYzE3MTFiYTNlNTQ5MjMyODBjZTllZTIxMzQx"
}curl -X POST 'https://api.spotify.com/v1/playlists/68ct8efiL0RQnnBLOWhyXR/tracks?uris=spotify%3Atrack%3A3Tp7y0bLogDQsIO5tTTOH4' -H 'Accept: application/json' -H 'Content-Type: application/json' -H 'Autho
rization: Bearer BQBgPboQ29WldtG1BFrkNs9s6vjC1zvbsPnh6suOi8EuRONCHSlofeDF5cDgfd3Jyom-YEFzsOs3L-pZ4muujP0gV9vBgbVKoYKO8LX2ydAYRSrZ36Rxq-HI3rplM9NxcdctHpoeGm9uqtNZwtgCJpBXd5_NQWXjBGJNpbPlKz2y0aBWRli0MmmLyGV
2O2FkeoOIYaddm9NevuwNNILVVy5PfCrzLRfVgcRyAdUVW-r6kP9q1AcfGo_CCiqMcyWstqinl63Ecjr-7IQE_qUDWNXLGLMWRA'

{
  "snapshot_id" : "NCxhMzQxMTVlNWEyMGQwMGYzNjg1NjdlNDlmNjMzYWJlYzU2NDVkYzkw"
}curl -X POST 'https://api.spotify.com/v1/playlists/68ct8efiL0RQnnBLOWhyXR/tracks?uris=spotify%3Atrack%3A6kEJVYj0AjAxMvvITB3Q45' -H 'Accept: application/json' -H 'Content-Type: application/json' -H 'Autho
rization: Bearer BQBgPboQ29WldtG1BFrkNs9s6vjC1zvbsPnh6suOi8EuRONCHSlofeDF5cDgfd3Jyom-YEFzsOs3L-pZ4muujP0gV9vBgbVKoYKO8LX2ydAYRSrZ36Rxq-HI3rplM9NxcdctHpoeGm9uqtNZwtgCJpBXd5_NQWXjBGJNpbPlKz2y0aBWRli0MmmLyGV
2O2FkeoOIYaddm9NevuwNNILVVy5PfCrzLRfVgcRyAdUVW-r6kP9q1AcfGo_CCiqMcyWstqinl63Ecjr-7IQE_qUDWNXLGLMWRA'

{
  "snapshot_id" : "NSxmNWVjZWQ2MDA5YjIzMmYyYTgyZDllY2MwZTNjNmY2MjU1Mjc5OWM5"
}curl -X POST 'https://api.spotify.com/v1/playlists/68ct8efiL0RQnnBLOWhyXR/tracks?uris=spotify%3Atrack%3A4LFBVDJV0xpayUvquQVzhS' -H 'Accept: application/json' -H 'Content-Type: application/json' -H 'Autho
rization: Bearer BQBgPboQ29WldtG1BFrkNs9s6vjC1zvbsPnh6suOi8EuRONCHSlofeDF5cDgfd3Jyom-YEFzsOs3L-pZ4muujP0gV9vBgbVKoYKO8LX2ydAYRSrZ36Rxq-HI3rplM9NxcdctHpoeGm9uqtNZwtgCJpBXd5_NQWXjBGJNpbPlKz2y0aBWRli0MmmLyGV
2O2FkeoOIYaddm9NevuwNNILVVy5PfCrzLRfVgcRyAdUVW-r6kP9q1AcfGo_CCiqMcyWstqinl63Ecjr-7IQE_qUDWNXLGLMWRA'

{
  "snapshot_id" : "NiwyM2ZhOTdhYzkxZjkyZjY4MDZlMTIwOTA3MmExOTQ0NWVmMzUxMTdi"
}curl -X POST 'https://api.spotify.com/v1/playlists/68ct8efiL0RQnnBLOWhyXR/tracks?uris=spotify%3Atrack%3A5xiAcvS8jPpJaaSv1BWAGa' -H 'Accept: application/json' -H 'Content-Type: application/json' -H 'Autho
rization: Bearer BQBgPboQ29WldtG1BFrkNs9s6vjC1zvbsPnh6suOi8EuRONCHSlofeDF5cDgfd3Jyom-YEFzsOs3L-pZ4muujP0gV9vBgbVKoYKO8LX2ydAYRSrZ36Rxq-HI3rplM9NxcdctHpoeGm9uqtNZwtgCJpBXd5_NQWXjBGJNpbPlKz2y0aBWRli0MmmLyGV
2O2FkeoOIYaddm9NevuwNNILVVy5PfCrzLRfVgcRyAdUVW-r6kP9q1AcfGo_CCiqMcyWstqinl63Ecjr-7IQE_qUDWNXLGLMWRA'

{
  "snapshot_id" : "NywwMDIxNTk4MDY5ZTVhYmIxYWI4OTZhNTIzYzYzN2MzMGQzNTY5ZGE1"
}curl -X POST 'https://api.spotify.com/v1/playlists/68ct8efiL0RQnnBLOWhyXR/tracks?uris=spotify%3Atrack%3A1PLMK1ui86iHHG3FM1N7ue' -H 'Accept: application/json' -H 'Content-Type: application/json' -H 'Autho
rization: Bearer BQBgPboQ29WldtG1BFrkNs9s6vjC1zvbsPnh6suOi8EuRONCHSlofeDF5cDgfd3Jyom-YEFzsOs3L-pZ4muujP0gV9vBgbVKoYKO8LX2ydAYRSrZ36Rxq-HI3rplM9NxcdctHpoeGm9uqtNZwtgCJpBXd5_NQWXjBGJNpbPlKz2y0aBWRli0MmmLyGV
2O2FkeoOIYaddm9NevuwNNILVVy5PfCrzLRfVgcRyAdUVW-r6kP9q1AcfGo_CCiqMcyWstqinl63Ecjr-7IQE_qUDWNXLGLMWRA'
```

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Shinedown
Created by **Dimos** • 26 songs, 1 hr 40 min

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Asking for It	Shinedown	Threat to Survival	3 minutes ago	3:31
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Devour - Live from Washington State	Shinedown	Somewhere in the Strato...	3 minutes ago	3:56
Diamond Eyes (Boom-Lay Boom-Lay Boom)	Shinedown	The Sound of Madness	3 minutes ago	5:36
Enemies	Shinedown	Amaryllis	3 minutes ago	3:08
Save Me - Live from Washington State	Shinedown	Somewhere in the Strato...	3 minutes ago	3:31