

Introduction

It's grep for lyrics in a Spotify playlist.\ Because there is no better way to search things than with a regex.

Usage

To be able to grep through lyrics you'll first need to download them. You can do that with `spotigrep.py --download [playlist ID]` . The Genius API is quite slow so it will take a while. Next you can search for lyrics using: `spotigrep.py --search [regex]` \ You can also restrict which artist/playlist is to be searched with `-a/--artist` and `-p/--playlist`

Setup

API keys

first you need api keys for `Spotify` and `Genius`

You can get both for free at:\ <https://developer.spotify.com/documentation/web-api/>\ under Dashboard\ and:\ <https://docs.genius.com/> under Manage Clients

now save the the keys in `./api/spotify/client-id` , `./api/spotify/client-secret` , and `./api/genius/client-access-token`

Storing the lyrics

By default the lyrics are stored in `./lyrics/` . If you want it another way change `api_dir` in `spotygrep.py`

the lyrics folder is structured as follows:\ `./lyrics/PLAYLIST/ARTIST/SONG`

Getting started

Dependencies

to work you'll need to install the Genius and the Spotify Python API\ this can be done with: `pip install spotipy pip install lyricsgenius`

For now spotifgrep only downloads lyrics into the aforementioned file structure.\ The only way to use is running:\ `python spotigrep.py [PLAYLIST_ID]` \ The `playlist_id` is the last string in the webplayer when you have the playlist open.

depending on the size of the playlist it could take a couple of minutes.\ I ran it on a Playlist with approx. 100 songs and it took about 5-10min. (again: I'll be trying to improve the time)

If you are as unpatient as I am you can repeatedly run: `ls lyrics/PLAYLIST/*/* | wc -l` to check how many lyrics you've downloaded.\ Note that all names (playlist, artist, song) are stripped of any characters that fit: `[^A-Za-z0-9]`

Once you finished downloading the lyrics you can simply run:\ `grep ... lyrics/PLAYLIST/*/*`

TODO

- installation so that it can be run from any dir
- shell wrapper so the usage mirrors `grep`
- shorten genius download time