

DevOps home assignment

- Write a script that receives an argument and queries the <u>Musixmatch api</u> with the argument as a query string. Create a list of songs with the following attributes:
 - Song lyrics contains the argument supplied
 - Song language is English
 - Included in an album, with release date prior to 01-01-2010 (Album release date, not the song as a single)
 - If no argument is passed, the default argument is "car" Save the results into CSV file in the following format: song name, performer name, album name, song share URL.
- 2. Create a docker file <u>exposing a service</u> that receives a keyword and uses it as an input for the same query then prints the list of songs (you can use the script from the previous step as a base for the service).
 - You should start with the minimal <u>alpine image</u>, then add any needed software in order to run the script and print the results.
- 3. Send the script, Dockerfile and any other file if needed, compressed.

Good luck!