SQL Database — MusicBrainz

We will work on a music database[1]. You will need the following file:

http://www.barsamian.am/2022-2023/S7ICTE/musicBrainz.sql

Here is a global view of this database :

- Artists: <u>idArtist</u>, nameArtist
- Discs: <u>idDisc</u>, #idArtist, nameDisc, typeDisc, country, year, month, day
- Songs: <u>idSong, #idDisc</u>, #idArtist, nameSong, length

Artists: the artist (or group of artists) with identifier idArtist has name nameArtist.

Discs: the disc with identifier idDisc has name nameDisc, has been recorded by the artist with identifier idArtist, is of type typeDisc ("Album", "Single", "EP", ...) and was released at day/month/year in the country country (Note: in this database, all the discs are French). The field idArtist is from Artists(idArtist).

Songs: the song with identifier idSong has name nameSong, has been recorded by the artist with identifier idArtist on the disc with identifier idDisc and lasts length milliseconds. The field idArtist is from Artists(idArtist) and idDisc is from Discs(idDisc). A same version of a song can be on different discs, which prevents idSong alone to be a key, then we use as key the couple (idSong, idDisc).

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[1]Source : https://chamilo.grenoble-inp.fr/courses/CPP2A2CMINFO3/document/S3/index.html