

# Filter artists

The purpose of this script is to search for information about artists in the SQLite database 'filter\_artists.db', for which the creation script - 'filter\_artists\_schema\_sqlite.sql' - and the data script - 'filter\_artists\_data\_sqlite.sql' - are provided. These scripts should obviously be used to create a SQLite database.

The recovery of the data is subject to two mandatory criteria:

- The first of these criteria is the start date of the artist's activity. It is possible to enter a minimum start year and a maximum start year. Only the artists whose 'start\_date' is between these two years will be retrieved from the database.
- The other criterion concerns the type of artist. The possible values are 'single', 'group' or 'other'. Only the artists whose 'type\_of' corresponds to the chosen one will have to be retrieved from the DB.

An artist should only be retrieved if he or she meets the date criteria AND the type criteria. Since both criteria are mandatory, it is necessary to check at the beginning of the procedure if the fields are filled. If they are not, an error message must be displayed, and the program stopped.

In the same way, you should also check that the minimum year selected is lower than the maximum year selected. If this is not the case, an error message is displayed, and the program is stopped.

Once this data has been retrieved, it must be displayed to the user.