

Music Database

User Manual

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About the manual

This manual contains instructions necessary to operate your *Music Database*. It is divided into two main sections, installation of the software and using the application.

The first section will explain all the steps necessary to install the software and start the application as well as complete system requirements.

In the second section, you will find detailed step-by-step instructions to perform the various tasks associated with the *Music Database* like creating a play list.

Getting started

System requirement

To use the final prototype of the *Music Database*, you will need a Linux workstation with x-forms installed.

Installing and launching the application

Follow the sequence of steps below to install and launch the application.

1. Unzip the [zip-file](#) in the directory where you want to run the program
2. In the directory where you unzipped the file, type the command "make". This will compile the program and build a new executable file.
3. Type the command "main" to start the program.
4. You should now have the main window appear on your screen.

Using the application

The *Music Database* is an interface for large music databases. It allows you to easily create a play list and find your favorite songs rapidly.

When integrated into a stereo or any music player, it gives you an easy interface to find and play your favorite songs.

Viewing the content of the database

When you launch the application, the *View By* screen opens. This screen looks like the picture below.



You have three possible ways to view your database: by Genre, Artist or Album. From this screen, you can also view the playlist.

Notice the *Back*, *View By*, *View Playlist* and *Add to Playlist* buttons at the bottom. These buttons will perform the following actions:

Back

Takes you to the previous screen

View By

Takes you to the *View By* screen

View Playlist

Will show the content of the playlist

Add to Playlist

When a song is selected, this will add it to the playlist.

When the action performed by a button is not available, it is blacked-out. When the action is available, the button will be turquoise.

Adding a song to the playlist

Here's an example of steps to follow to add a new song to the playlist. Say we want to add the song *Glory* by *Ben Harper*.

1. Start by selecting the way you want to view your database. Since we know the artist of the song we're looking for, we'll select the *Artist* option in the *View By* screen. This will open the *By Artist* view pictured below.



2. Click on *Ben Harper* to view all his songs in the right pane of the window and click on the song *Glory*. The window will now look like the following picture.



Note that since a song has been selected, the *Add to Playlist* button is now activated.

3. To add the song to the playlist, simply click on the *Add to Playlist* button.

Viewing the playlist & removing songs

To view the content of the playlist, simply click the *View Playlist* button. Below is an example of a playlist.



To remove a song from the playlist, simply select the song you want to remove and click on the *Remove from Playlist* button.