



ROCHACARDOSO
Projects

MP3Player

User's Manual

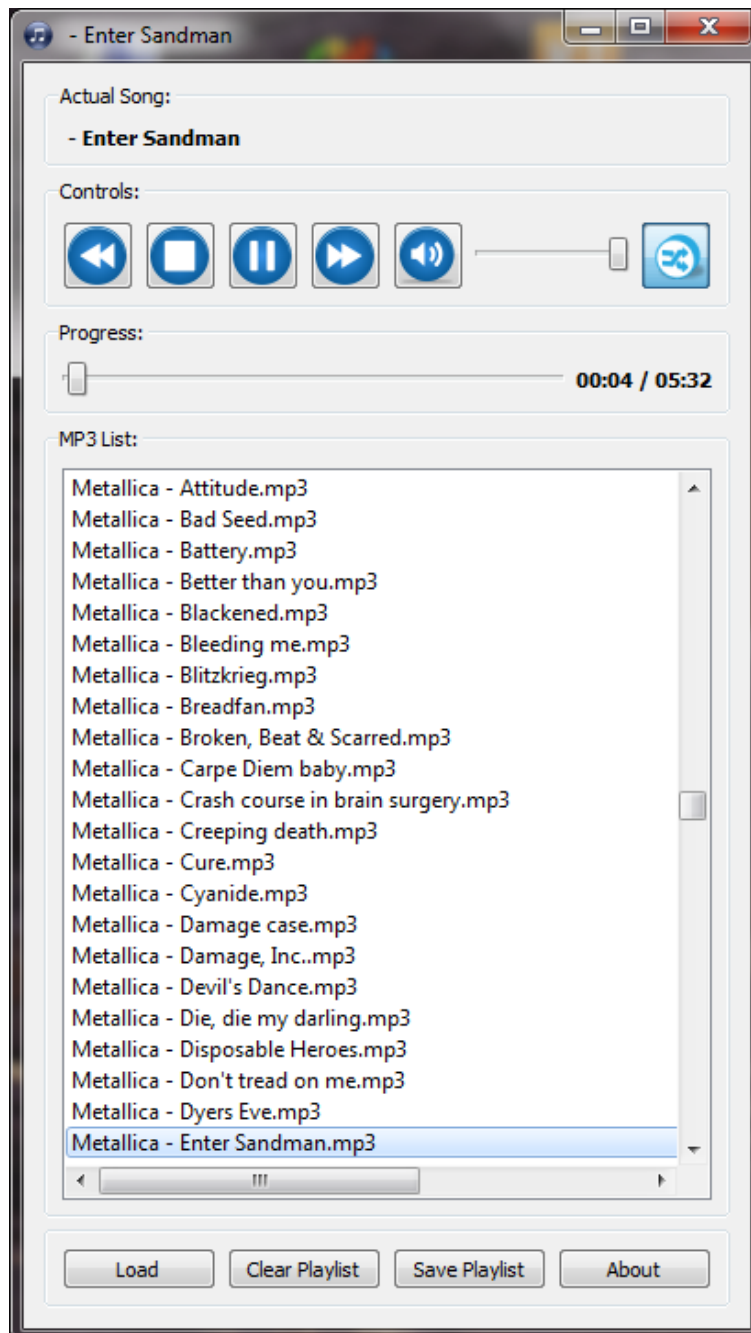
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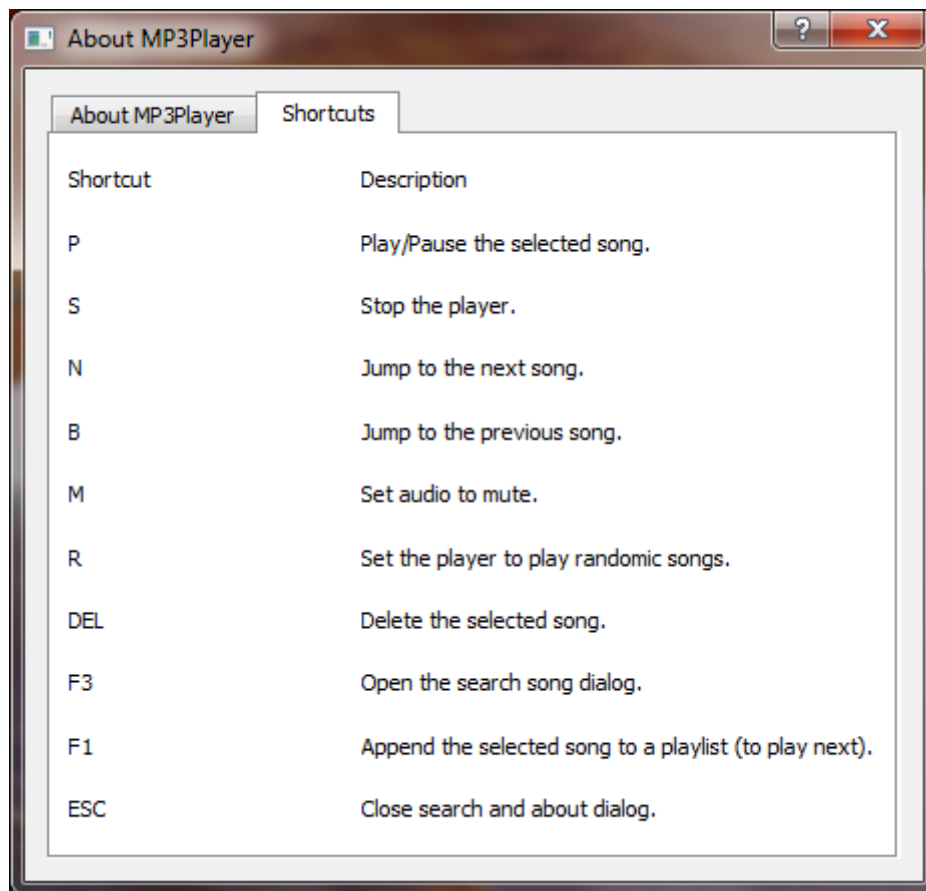
1 Overview

The MP3Player was developed using C++ and Qt Libraries. The Qt used was version 5.4 and it was based on the example *multimediawidgets/player*. It is a MP3Player with some additional functions that it will be explained below. When the player is opened the user will see the followed screen:



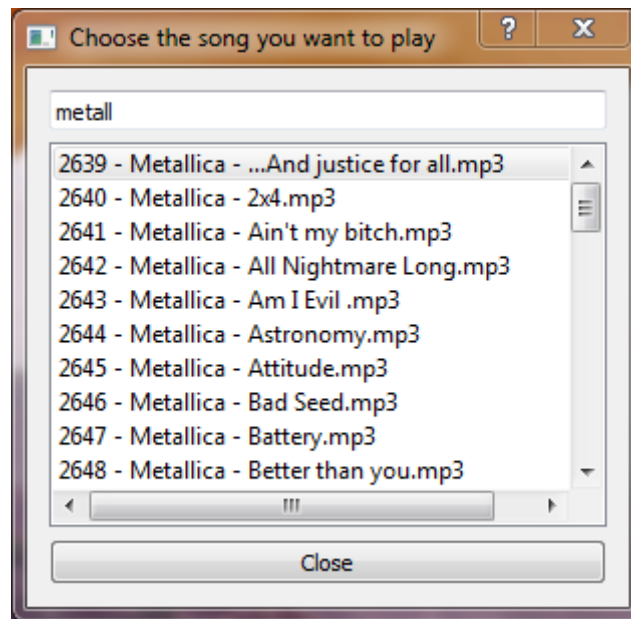
The buttons has the followed functions:

- Load:
 - Load MP3 Files: the user can add a single mp3 file to the list;
 - Load Folder: the user can select a folder where all mp3 files are located and the software will create a list with all mp3 files;
 - Load Playlist: the user can save one or more playlists and load later.
- Clear Playlist: clear completely the current playlist.
- Save Playlist: save the current playlist.
- About: the user will find information about the developers and the shortcuts of the software (see below).



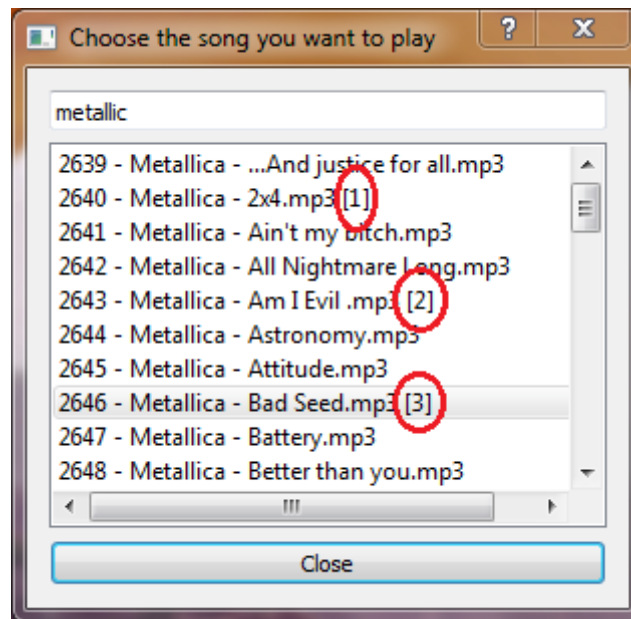
2 Search a song

The user can search for a specific song using the shortcut *F3*. When *F3* is pressed a window will be opened where the user can type the song name or the artist name and the software will show the results. When the finds the song he wants he can press *Enter* or double click the song.



3 Create a “next song list”

The user can use the shortcut *F1* to append a song to be the next one to be played. The user can select a song on the main screen and press *F1*, this song will be the next one to be played and the user can also press *F1* on the search screen (section above). On the search screen the software will show a number for each song that *F1* was pressed (see below).



This example shows that the song “Metallica – 2x4” will be the next to be played and then “Metallica – Am I Evil” and then “Metallica – Bad Seed”. After all selected songs be played the software will go back to the selected mode, play one song after another from the playlist or random mode.

4 Important to use

While implementing the software I had problems to execute some mp3 files. I found out that there is a bug and codec problems with Qt 5.4 and that was my problem.

<https://bugreports.qt.io/browse/QTBUG-42286>

In case you try to run this software and some files don't play, please, try to install the K-Lite Codec Pack 1100 Basic

<http://downloads.ddigest.com/software/download.php?sid=1089&ssid=0&did=374>

5 More information

For more information you can visit our website <http://www.rochacardoso.de> or contact us:

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