

Software Project Documentation

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EE22BTECH11216

1 AIM

To make a program that plays random songs out of a given list.

2 FUNCTIONS

`update_song_count()`:

This function updates the song count in the list

`randomize_song()`:

This function selects a random song out of the list and calls `play_song()`

`play_song()`:

This function commands the player to play the current selected song

`stop_song()`: *This function stops playing the current song*

`pause_song()`: *This function pauses the current playing song (also can be used to resume)*

`resume_song()`: *This function resumes the paused song (cannot be used to pause)*

3 MISCELLANEOUS

Modules/Packages used

- 1) tkinter <https://docs.python.org/3/library/tk.html>
- 2) random <https://docs.python.org/3/library/random.html>
- 3) vlc https://wiki.videolan.org/Python_bindings/

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