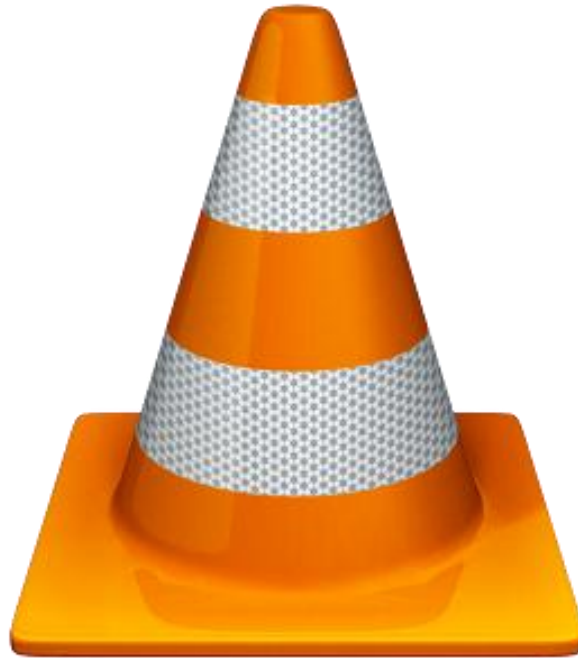


VLC media player



Martin Zeman

Tasks

- Adding the possibility to shuffle the playlist as an alternative to random order.
- Adding hotkey for playlist deletion.

Description of my work

- At first I had to study how the playlist is stored and how is it connected to GUI.
- Then I've made a few playlist manipulation experiments
- Afterwards I added an element to GUI (image provided by a friend of mine) and connected it to the shuffle method.
- The shuffle uses Fisher-Yates algorithm.

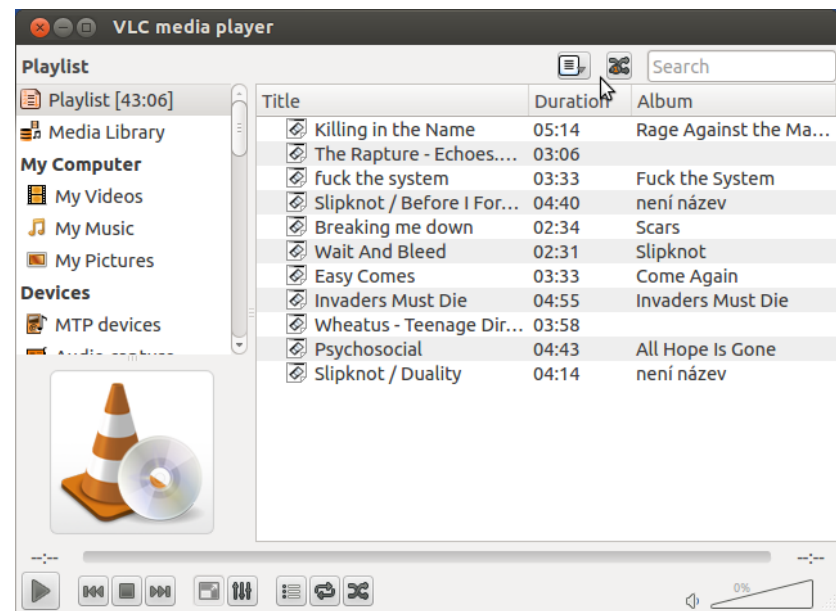
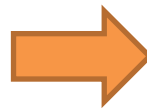
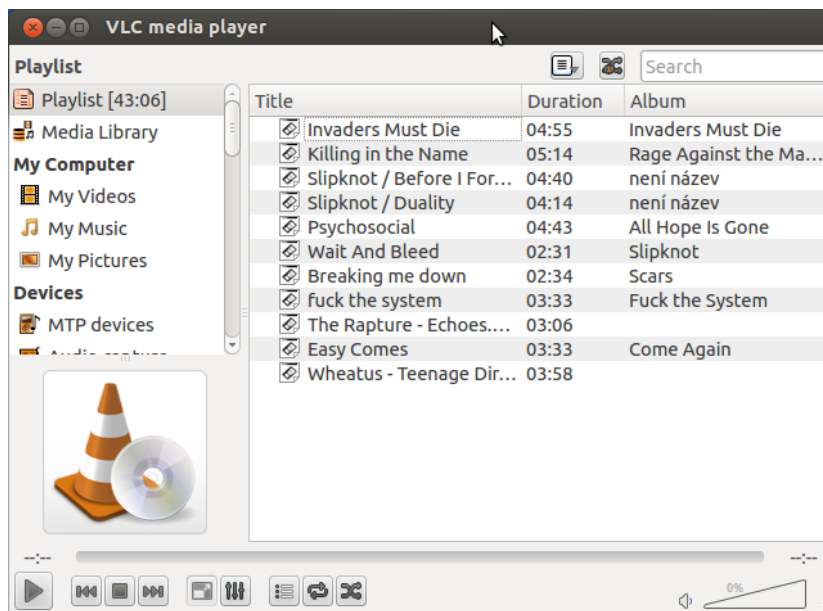
Description of my work

- In the second part I've discovered that the playlist can be deleted on two levels (GUI and the underlying tree).
- I had to study all the files regarding hotkeys.
- Addition of my own hotkey followed.
- Just to verify I checked out other commits that added a hotkey.

Final evaluation

- Both parts of the assignment were successfully implemented.
- However, the playlist shuffle wasn't accepted.
- The reason for that was that the developers are reluctant to make changes to the GUI.
- My solution performed the shuffle on the GUI level which wasn't an ideal solution since not all version can benefit from it (W,MacOS).
- The hotkey was accepted to the newest release.
- At first my patch was refused a couple of times. Mostly because of code convention violation.

Playlist shuffle button



Playlist clear hotkey

Preferences

Configure Hotkeys

Select or double click an action to change the associated hotkey. Use delete key to remove hotkeys

Search in Any field

Action	Hotkey	Global
Set playlist bookmark 3	Ctrl+F3	
Set playlist bookmark 4	Ctrl+F4	
Set playlist bookmark 5	Ctrl+F5	
Set playlist bookmark 6	Ctrl+F6	
Set playlist bookmark 7	Ctrl+F7	
Set playlist bookmark 8	Ctrl+F8	
Set playlist bookmark 9	Ctrl+F9	
Set playlist bookmark 10	Ctrl+F10	
Play playlist bookmark 1	F1	
Play playlist bookmark 2	F2	
Play playlist bookmark 3	F3	
Play playlist bookmark 4	F4	
Play playlist bookmark 5	F5	
Play playlist bookmark 6	F6	
Play playlist bookmark 7	F7	
Play playlist bookmark 8	F8	
Play playlist bookmark 9	F9	
Play playlist bookmark 10	F10	
Clear the playlist	Ctrl+w	

MouseWheel up-down axis Control Volume Control

Show settings Simple All Reset Preferences Cancel Save

My experience with the community

- Overall my experience was mostly positive.
- Patches got replied to in matter of hours (days tops).
- Query on IRC was replied to immediately.
- The project is easily accessible for new developers.(easy hacks)
- I really like the code structure.