



cmus: auto show/hide UI, mark favorites and easier global shortcuts

ape note

#linux #tmux #cmus #shortcut #kde

Laid my hands on [cmus](#) recently and it got my spot just right, lightweight yet powerful, and useful plugins with specialized purposes.

One thing is, if I use Krunner to start it, cmus will just silently lie backstage listening on its socket and leave me no way to attach it to a GUI. This causes big problems to me since I always set it to start automatically upon system boot. Also, sometimes I

may want to bring up cmus in GUI to alternate the playlist/queue and send it backstage afterwards. With the default cmus-remote it's pretty hard to achieve what I want, especially when I want to do most of the work with shortcuts. Messing around google and I found [this solution](#) which tries to attach/detach cmus to a screen/tmux session, and it works nicely. Also I add some keybindings to make the whole use case much smoother.

Attach/detach cmus to a screen/tmux session (credits)

1. Attach

With screen

```
#!/bin/bash
if ! screen -r -D cmus >/dev/null ; then
    screen -S cmus /usr/bin/cmus "$@"
fi
```

With tmux

```
#!/bin/bash
if ! tmux has-session -t cmus 2>/dev/null; then
    tmux new-session -s cmus -d -n cmus -d
    "/usr/bin/cmus $@"
fi
tmux attach -d -t cmus
```

2. Detach

Set it in the keybindings view (7) of cmus.

With screen

```
:bind -f common q shell screen -d cmus
```

With tmux

```
:bind -f common q shell tmux detach-client -s cmus
```

Mark favorites with cmus

I have a large collection of music and keep updating it all the time. Occasionally some jewel will pop up in my random list, and needs to be marked as my favorites immediately, and I don't want to stop what I'm doing at that moment. The following script does the job for me, and by assigning it to a shortcut, I can mark the current playing song as my favorite and store it in a predefined playlist, without interrupting the work at hand. The script is a modification of Markus00000's work [here](#). The original script rates the song at a scale of 1 to 5, feel free to grab it if that's what you need.

```
#!/bin/bash
# By Lynxiayel
# Based on the script by Markus00000 at:
#
https://gist.github.com/Markus00000/ad8c0ff46290f9dc2887

# This script mark current playing song as your
# favorite and adds it to a m3u
# playlist which holds all your favorites.

# Path to playlists
playlists="$HOME/music_list"

# Prefix and suffix strings for the playlist file name
pl_prefix='cmus_fav'
pl_suffix='.m3u'

# Get current song from cmus
song=$(cmus-remote -Q | grep file)

# Error cases
if [[ -z "$song" ]]; then
    echo 'No song is playing.'
    exit 1
fi

# Path to lock file
lock="/tmp/music-rate.lock"
```

```

# Lock the file (other atomic alternatives would be
"ln" or "mkdir")
exec 9>"$lock"
if ! flock -n 9; then
    notify-send -t 5000 "Rating failed: Another
instance is running."
    exit 1
fi

# Strip "file " from the output
song=${song/file \///}

# Temporary file for grepping and sorting
tmp="$playlists/tmp.m3u"

# # Remove the song from the fav playlists
# f="$playlists/${pl_prefix}${pl_suffix}"
# if [[ -f "$f" ]]; then
#     grep -vF "$song" "$f" > "$tmp"
#     mv -f "$tmp" "$f"
# fi

# Append the song to the fav playlist
f="$playlists/${pl_prefix}${pl_suffix}"
mkdir -p "$playlists"
echo "$song" >> "$f"
sort -u "$f" -o "$tmp"
mv -f "$tmp" "$f"
notify-send -t 3000 "$song added to the $pl_prefix
list."

# The lock file will be unlocked when the script ends

```

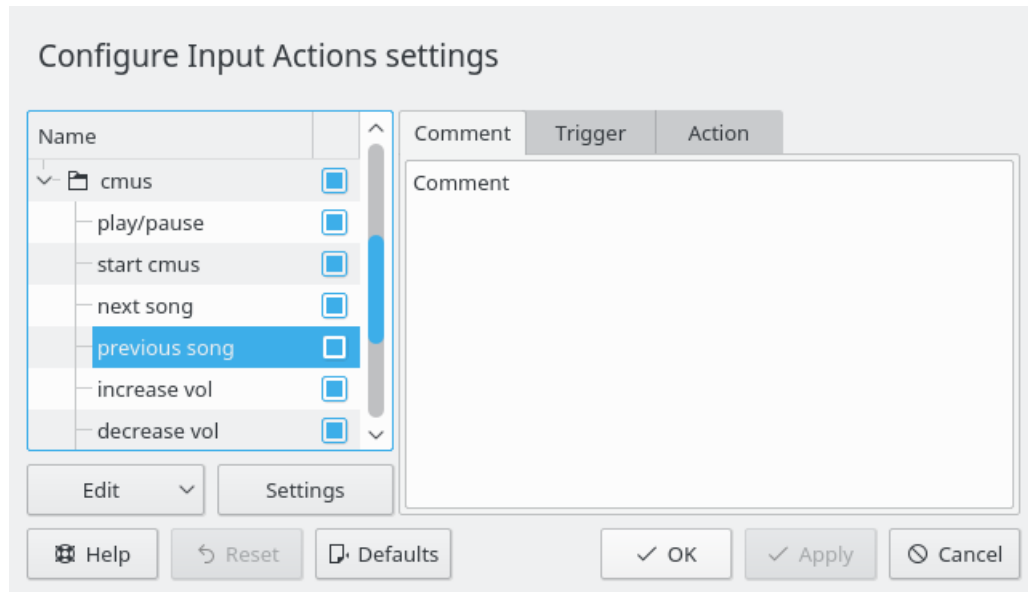
Add this script to your path, and you can then assign a shortcut to call it from anywhere anytime.

Shortcut settings (Examples in KDE)

Assume you have saved the aforementioned attach code in a script called cmus, and put it in your system path, so it's found before the real cmus program. You can do this by put the following command into your ~/.bashrc

```
export PATH=path/to/your/cmus/script/:$PATH
```

Open the KDE custom shortcuts, either with krunner or in your app drawers, and create a new shortcut group for cmus. Then create the following keys with your choices of keybindings.



start cmus

```
konsole -e "path/to/your/cmus/attach/script"
```

play/pause

```
cmus - remote - u
```

next song

```
cmus - remote - n
```

previous song

```
cmus - remote - r
```

increase vol

```
cmus -remote -v +5%
```

decrease vol

```
cmus -remote -v -5%
```

By Lynxiayel

1 Aug 2017

0 Comments

yulinling

 Marcin Woźniak

 Recommend

 Tweet

 Share

Sort by Best



Start the discussion...

Be the first to comment.

ALSO ON YULINLING

Nvidia no devices detected no screens found after nvidia-

2 comments • 3 years ago

Lynxiayel — I believe you have to meet two conditions: 1. nouveau has been blacklisted (check your

浮尘之梦

1 comment • 3 years ago

sfdsfad — 真是太美了，不仅网站美，连内容也美！像春雨落在枝头的嫩芽上一般美！

First test

1 comment • 4 years ago

Lynxiayel — test comment

知己

2 comments • 3 years ago

Lynxiayel — 你好，我觉得不用担心没有基础，多学多看勤动手，所谓“无他，唯手熟尔”。加油。



© 2013-2018 Lynxiayel Powered by Hugo