

# Filtered Player App

Operating System: Windows, macOS, Linux etc.

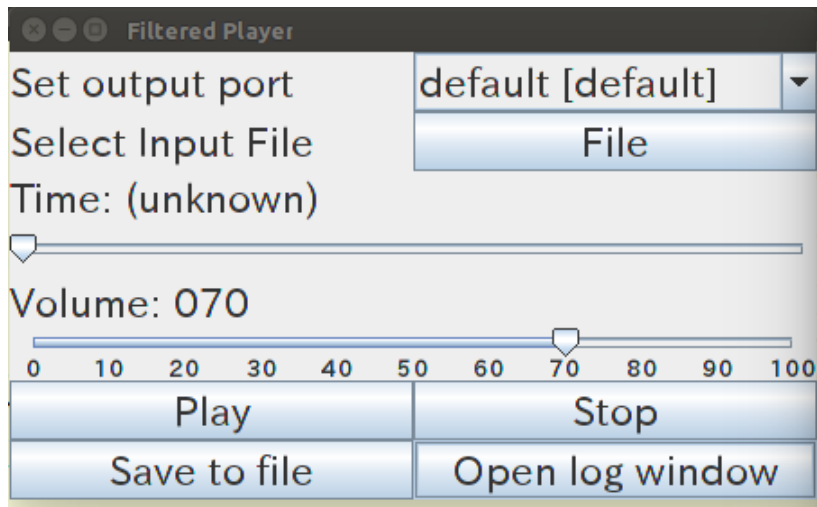
Software requirement: Java Runtime Environment (available at <http://java.com/>)

Start the Application:

A) Double click FilteredPlayerApp.jar icon in the file browser or Desktop

B) On the terminal  
`java -jar FilteredPlayerApp.jar`

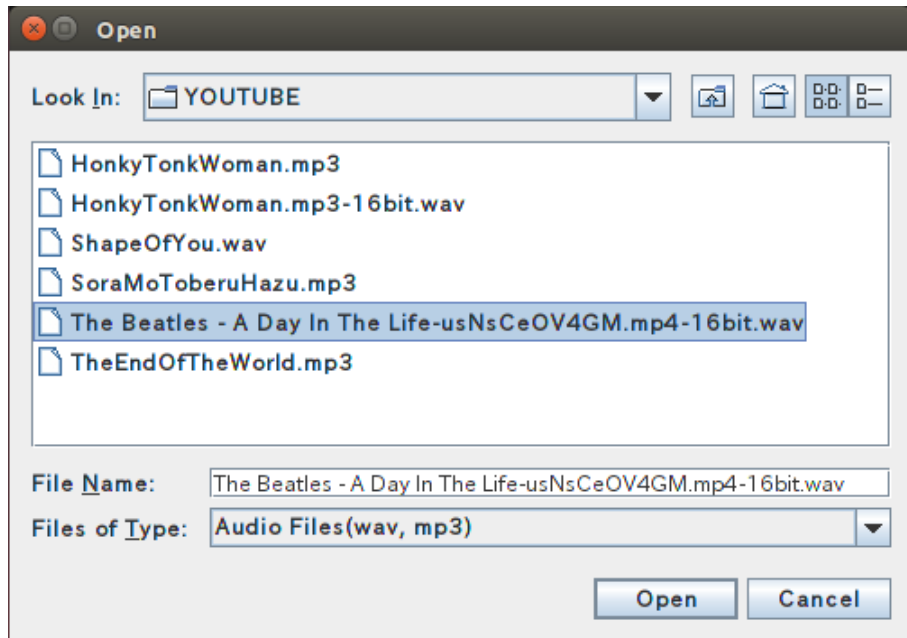
0) Set output port for playback (default is 0K)



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1) Select an input file (wav or mp3)

If the characters are distorted, try full size by clicking the square icon.



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## 2) Play and listen

You can modify the filter while listening.

Rewind or fast forward: "Pause" or "Stop", then use the "Time" slider.

Even if playback quality is bad. You can still use "Save as file" without problem.

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3) Set filter (T: Through, M: Mute, H: Harmonic, P: Percussive)

Preset1: drumCover

-- surpress percussive sound in all freq and pan range  
except for vocal freq range around the center

Hz	-1.0	-0.9	-0.8	-0.7	-0.6	-0.5	-0.4	-0.3	-0.2	-0.1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
28160	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
19912	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
14080	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
9956	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
7040	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
4978	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
3520	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
2489	T	T	H	H	H	H	H	H	H	T	T	T	H	H	H	H	H	H	H	T	T
1760	T	T	H	H	H	H	H	H	H	T	T	T	H	H	H	H	H	H	H	T	T
1244	T	T	H	H	H	H	H	H	H	T	T	T	H	H	H	H	H	H	H	T	T
880	T	T	H	H	H	H	H	H	H	T	T	T	H	H	H	H	H	H	H	T	T
622	T	T	H	H	H	H	H	H	H	T	T	T	H	H	H	H	H	H	H	T	T
440	T	T	H	H	H	H	H	H	H	T	T	T	H	H	H	H	H	H	H	T	T
311	T	T	H	H	H	H	H	H	H	T	T	T	H	H	H	H	H	H	H	T	T
220	T	T	H	H	H	H	H	H	H	T	T	T	H	H	H	H	H	H	H	T	T
155	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
110	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
77	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
55	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
38	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
27	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
19	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
13	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H

☐ THROUGH    ☐ MUTE    ☐ PERCUSSIVE    ☐ HARMONIC    ☐ SPLIT    ☐ THROUGHALL    ☐ MUTEALL  
☐ PERCUSSIVEALL    ☐ HARMONICALL    ☐ SPLITALL    Presets:    ☐ karaokeMale    ☒ drumCover

Preset2: karaokeMale

-- mute male vocal freq range around the center  
percussive/harmonic separation is not used at all

Advanced Filter Setting

28160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
19912	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
14080	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
9956	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
7040	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
4978	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
3520	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
2489	T	T	T	T	T	T	T	T	T	M	M	M	T	T	T	T	T	T	T	T	T
1760	T	T	T	T	T	T	T	T	T	M	M	M	T	T	T	T	T	T	T	T	T
1244	T	T	T	T	T	T	T	T	T	M	M	M	T	T	T	T	T	T	T	T	T
880	T	T	T	T	T	T	T	T	T	M	M	M	T	T	T	T	T	T	T	T	T
622	T	T	T	T	T	T	T	T	T	M	M	M	T	T	T	T	T	T	T	T	T
440	T	T	T	T	T	T	T	T	T	M	M	M	T	T	T	T	T	T	T	T	T
311	T	T	T	T	T	T	T	T	T	M	M	M	T	T	T	T	T	T	T	T	T
220	T	T	T	T	T	T	T	T	T	M	M	M	T	T	T	T	T	T	T	T	T
155	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
110	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
77	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
55	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
38	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
27	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
19	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
13	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

Hz/LR -1.0 -0.9 -0.8 -0.7 -0.6 -0.5 -0.4 -0.3 -0.2 -0.1 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0

☐ THROUGH

☐ MUTE

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☐ THROUGHALL

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☐ HARMONICALL

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Presets:

☒ karaokeMale

☐ drumCover

Save filter

load filter

Note: You may save/load your custom filter.

#### Modification:

If you want more vocal, press "THROUGH" and add T higher freq and/or wider pan ranges around the center.

If you want more bass guiter, add "T" at lower freq around the center.

If you want more right guitar, add "T" at lower/higher freq around the right most pan ranges.

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#### 4) Save as file

Volume slider affects the volume of the save file.

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