

Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Bug #535

No sound with 36 kHz Ogg Vorbis file and enabled equalizer

April 25, 2015 00:27 - Thomas Lange

Status:	Closed	Start date:	April 25, 2015
Priority:	Minor	Due date:	
Assignee:		% Done:	100%
Category:	libaudcore	Estimated time:	0.00 hour
Target version:	3.6.2		
Affects version:	3.6.1		
Description			
As soon as the equalizer is enabled, there is no sound although the file itself is played usually.			
An example file is attached. I have tested 3.5, 3.6 and 3.7-devel, they all show the same behavior.			

History

#1 - April 25, 2015 19:04 - John Lindgren

Once again I am wishing I knew more about digital filters. There is some code that disables the higher frequency IIR filters for lower-rate audio to avoid this very problem, if I understand it correctly. Perhaps it is not quite right. I mean this bit of code in equalizer.cc:

```
/* Calculate number of active filters */
K = AUD_EQ_NBANDS;

while (CF[K - 1] > (float) rate / 2.2)
    K --;
```

#2 - May 16, 2015 20:16 - John Lindgren

- Status changed from New to Closed
- Target version set to 3.6.2
- % Done changed from 0 to 100

#3 - May 17, 2015 02:39 - Thomas Lange

Thanks for the fix. :)

Files

15 - Metro Riots - Thee Small Faces.ogg	3.46 MB	April 25, 2015	Thomas Lange
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