

Audacious - Bug #700

wma lossless

February 05, 2017 02:41 - Doug McMahon

Status:	Rejected	Start date:	February 05, 2017
Priority:	Minor	Due date:	
Assignee:		% Done:	0%
Category:	plugins/ffaudio	Estimated time:	0.00 hour
Target version:			
Affects version:	3.8.2		

Description

playback quality is terrible in 3.8.2 (using 3.8.2-1~webupd8~xenial0
Sample file - <http://samples.mplayerhq.hu/A-codecs/lossless/luckynight.wma>

From terminal,

```
INFO plugin-load.cc:66 [plugin_load]: Loading plugin: /usr/lib/x86_64-linux-gnu/audacious/Input/ffaudio.so.
INFO probe-buffer.cc:31 [ProbeBuffer]: <0x7ff55003a8b0> buffering enabled for file:///home/doug/Music/luckynight.wma
INFO vfs.cc:111 [VFSFile]: <0x7ff55003a8b0> open (mode r) file:///home/doug/Music/luckynight.wma
INFO probe-buffer.cc:54 [release_buffer]: <0x7ff55003a8b0> buffering disabled for file:///home/doug/Music/luckynight.wma
INFO probe-buffer.cc:138 [fseek]: <0x7ff55003a8b0> buffering enabled for file:///home/doug/Music/luckynight.wma
INFO probe-buffer.cc:54 [release_buffer]: <0x7ff55003a8b0> buffering disabled for file:///home/doug/Music/luckynight.wma
INFO probe-buffer.cc:138 [fseek]: <0x7ff55003a8b0> buffering enabled for file:///home/doug/Music/luckynight.wma
INFO probe-buffer.cc:54 [release_buffer]: <0x7ff55003a8b0> buffering disabled for file:///home/doug/Music/luckynight.wma
INFO audtag.cc:35 [read_tag]: read_tag() not supported for file:///home/doug/Music/luckynight.wma
INFO probe-buffer.cc:138 [fseek]: <0x7ff55003a8b0> buffering enabled for file:///home/doug/Music/luckynight.wma
INFO output.cc:175 [setup_output]: Setup output, format 0, 2 channels, 44100 Hz.
INFO output.cc:462 [output_set_replay_gain]: Replay Gain info:
INFO output.cc:463 [output_set_replay_gain]: album gain: 0.000000 dB
INFO output.cc:464 [output_set_replay_gain]: album peak: 0.000000
INFO output.cc:465 [output_set_replay_gain]: track gain: 0.000000 dB
INFO output.cc:466 [output_set_replay_gain]: track peak: 0.000000
ERROR ffaudio-core.cc:186 [wmalossless]: <0x7ff5500a7140> Found empty subframe
ERROR ffaudio-core.cc:215 [log_result]: avcodec_decode_audio4 failed: Invalid data found when processing input
ERROR ffaudio-core.cc:186 [wmalossless]: <0x7ff5500a7140> broken frame: channel len(3200) > samples_per_frame(2048)
ERROR ffaudio-core.cc:215 [log_result]: avcodec_decode_audio4 failed: Invalid data found when processing input
ERROR ffaudio-core.cc:186 [wmalossless]: <0x7ff5500a7140> broken frame: channel len(2304) > samples_per_frame(2048)
ERROR ffaudio-core.cc:215 [log_result]: avcodec_decode_audio4 failed: Invalid data found when processing input
ERROR ffaudio-core.cc:186 [wmalossless]: <0x7ff5500a7140> Packet loss detected! seq 9 vs b
ERROR ffaudio-core.cc:186 [wmalossless]: <0x7ff5500a7140> Packet loss detected! seq c vs e
ERROR ffaudio-core.cc:186 [wmalossless]: <0x7ff5500a7140> Found empty subframe
ect..
```

History

#1 - February 05, 2017 05:42 - John Lindgren

Sounds fine here. What version of FFmpeg are you using?

#2 - February 06, 2017 20:41 - Doug McMahon

Thought I sent an email response but don't see it so -

16.04 (xenial) uses ffmpeg 2.8.10

```
~$ ldd /usr/lib/x86_64-linux-gnu/audacious/Input/ffaudio.so
linux-vdso.so.1 => (0x00007fff7ed31000)
libpthread.so.0 => /lib/x86_64-linux-gnu/libpthread.so.0 (0x00007f8ea2774000)
libaudcore.so.4 => /usr/lib/x86_64-linux-gnu/libaudcore.so.4 (0x00007f8ea2529000)
libavcodec-ffmpeg.so.56 => /usr/lib/x86_64-linux-gnu/libavcodec-ffmpeg.so.56 (0x00007f8ea10fc000)
libavformat-ffmpeg.so.56 => /usr/lib/x86_64-linux-gnu/libavformat-ffmpeg.so.56 (0x00007f8ea0cfe000)
libavutil-ffmpeg.so.54 => /usr/lib/x86_64-linux-gnu/libavutil-ffmpeg.so.54 (0x00007f8ea0a8f000)
```

If I was to rebuild against ffmpeg 3.2.x then playback is fine

#3 - February 07, 2017 00:12 - John Lindgren

So it **does** work with FFmpeg 3.2.x? If so then that's an FFmpeg bug, nothing on the Audacious side.

#4 - February 08, 2017 21:24 - Artem S. Tashkinov

Most likely this bug is invalid because the provided log clearly shows that the WMA file in question contains errors.

#5 - February 09, 2017 01:31 - Doug McMahon

The sample file plays fine in all players except audacious 3.8.x & has for years.

As far as audacious -

It plays fine when using ffmpeg-3.2.x

It plays fine in audacious 3.6.x with ffmpeg 2.8.x

So the issue, however minor, is with audacious 3.8.x & ffmpeg 2.8.x, not the file itself.

#6 - February 11, 2017 18:45 - John Lindgren

- *Status changed from New to Rejected*

If it works with FFmpeg 3.2.x, then just update and be done with it. It's not worth your time or mine to try and figure out why the older version causes trouble.