Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Bug #314

Audacious 3.4 on Ubuntu 13.04: no gapless playing with ALSA output

July 06, 2013 16:52 - Luca Rossetto Casel

Status:	Closed		**Start date:**	July 06, 2013
Priority:	Major		**Due date:**	
Assignee:			**% Done:**	100%
Category:	core		**Estimated time:**	0.00 hour
Target version:	3.4.1			
Affects version:	3.4			

Description

On Ubuntu 13.04 (64 bit), after upgrading Audacious to version 3.4 from WebUpd8 ppa, with ALSA output I cannot obtain gapless playing anymore: a gap appears now at the end of every track.
I also noticed that the larger is the buffer, the more the gap's lenght increases. With the default buffer of 500 ms the gap is about a second or less; with greater buffers, it's about several seconds.
Switching to PulseAudio output, the issue disappears at all! With Audacious 3.3.* all worked fine.

I created a bug on Launchpad:
https://bugs.launchpad.net/ubuntu/+source/audacious/+bug/1198432

Thank you for this great software, and thank you in advance for the help!

History

#1 - July 16, 2013 02:30 - John Lindgren

Are you actually using ALSA or simply playing through PulseAudio's ALSA sink?

#2 - July 16, 2013 11:44 - Luca Rossetto Casel

ALSA, with output to the soundcard. Thank you for answering!

#3 - July 21, 2013 23:22 - John Lindgren

Through dmix, or direct to the hw: device?

What format of audio files are you playing, and does the same problem appear with other formats?

#4 - July 21, 2013 23:23 - John Lindgren

Do both songs have the same number of channels and the same sample rate? Do you have any effect plugins enabled?

#5 - July 22, 2013 11:45 - Luca Rossetto Casel

I set Audacious to send the sound directly to the hw: device, without passing by dmix; but I tried to use dmix too, and the problem remained.
I use Audacious prevalently as a CD player, but I made some test with other formats, with different sample rates, etc.: I could notice no differences, the bug remained.

As a further test, I tried to send the signal to ALSA through Jack: the gap is considerably reduced, nearly unnoticeable, but still present.

#6 - July 24, 2013 08:23 - John Lindgren

Can you see if this commit fixes the problem?
https://github.com/audacious-media-player/audacious/commit/4bba625057272e558143416b303227fa5d19b100

#7 - July 27, 2013 16:12 - John Lindgren

- Category changed from plugins/alsa to core

- Status changed from New to Closed

- Target version set to 3.4.1

- % Done changed from 0 to 100

I'm going to assume this is fixed. Please comment if not.

#8 - July 27, 2013 20:18 - Luca Rossetto Casel

Dear John, I'm very embarrassed: I'm struggling to install from the source code you upload in Git, but I don't know how to do! I read some how-to, but it seems I'm missing something... Would it be possible to apply the patch to my installation of Audacious?
I humbly beg pardon!

#9 - July 30, 2013 01:20 - John Lindgren

No need to be embarrassed; compiling Audacious from source is daunting the first time. Did you try the instructions at
http://redmine.audacious-media-player.org/boards/1/topics/788? Please reply to that forum post if you still have trouble.

#10 - August 02, 2013 17:57 - Luca Rossetto Casel

Dear John, thank you for your patience! With your instructions, I've now compiled Audacious. Your patch resolved the bug, now everything is perfect!
Thanks!!!