

## Audacious - Feature #95

### Make audtool seek in milliseconds

April 05, 2012 03:46 - Rick Koshi

<b>Status:</b>	Closed	<b>Start date:</b>	April 05, 2012
<b>Priority:</b>	Minor	<b>Due date:</b>	
<b>Assignee:</b>	John Lindgren	<b>% Done:</b>	0%
<b>Category:</b>	audtool	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.4		
<b>Affects version:</b>	3.2.2		

#### Description

If you try using 'audtool --playback-seek 5', it will move to a position 5 seconds into the song. If you use 'audtool --playback-seek-relative 5', it will move 5 seconds forward from the current position. Both commands should, according to the documentation, move by 5 milliseconds, not 5 seconds. Needless to say, the documented behavior would be more generally useful.

The reason is clear in the source: In src/audtool/handlers\_playback.c, both playback\_seek() and playback\_seek\_relative() multiply their received arguments by 1000. In my own copy of the source, I have removed the '\*1000' from both lines, and things appear to work without issue.

I don't have older copies of the source, but this bug is present in version 3.2.2

#### History

##### #1 - April 05, 2012 14:32 - John Lindgren

What documentation are you referring to? The manual page I have for audtool says seconds, not milliseconds.

##### #2 - April 06, 2012 00:42 - Rick Koshi

Ah. I see now that I was looking at an older version of the manual page, from 3.0.2 (installed on my Arch Linux system). I only downloaded 3.2.2 when I ran into this problem.

Is there a reason the manual page was changed instead of changing the source? I think it's useful to be able to seek with sub-second precision. For example, I am using it to pause/stop a song, play something else (short) in the same player, then resume the original song at the same place. It is audibly jarring if I can't position it precisely.

If backward compatibility is a concern, it would be equally useful to accept an argument in seconds, but allow a floating point argument instead of forcing it to integer.

##### #3 - April 08, 2012 16:21 - John Lindgren

- Tracker changed from Bug to Feature

- Subject changed from audtool does not seek as documented -- argument is seconds, not milliseconds to Make audtool seek in milliseconds

I expect the manual page was changed, rather than the source, so as not to break existing scripts that relied on the historical behavior. Changing to a feature request.

##### #4 - June 09, 2012 00:12 - John Lindgren

- Category set to audtool

##### #5 - October 06, 2012 21:23 - John Lindgren

- Assignee set to John Lindgren
- Target version set to 3.4

**#6 - October 09, 2012 00:37 - John Lindgren**

- Status changed from New to Closed

Millisecond accuracy is possible now by using a decimal, as you suggested:

<https://github.com/audacious-media-player/audacious/commit/91b773af0f6c98cefb34156ad4207baca3d4173e>