

## Audacious - Bug #1008

### scrobbler2/libaudcore: crash when scrobbling

July 02, 2020 12:31 - Aurélien B.

<b>Status:</b>	Closed	<b>Start date:</b>	July 02, 2020
<b>Priority:</b>	Minor	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>	plugins/scrobbler2	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Affects version:</b>	4.0.4		

#### Description

Hi,

Recently my Audacious is crashing on some songs, when the Last.fm scrobbler starts.

#### Summary

It doesn't crash for all tracks, but on the tracks it crashes, it happens 100 % of the time, like "I'm Still Standing"/"Elton John" below. The track "Johnny B. Goode"/"Chuck Berry" also amlways crashes...

The segfault depends only on the new track being played. The previous track doesn't change anything.

Without the scrobbler 2 plugin, I have no crash.

#### Audacious version

I've got the 4.0.4 version of Audacious since June and it worked perfectly until about a week. I can't tell what system update makes it crash now.

#### Stacktrace

```
#0 0x00007ffff798b2b1 in __strlen_avx2 () at ../sysdeps/x86_64/multiarch/strlen-avx2.S:65
#1 0x00007ffff7f792d8 in StringBuf::insert(int, char const*, int) (this=this@entry=0x7ffffc7ffea80, pos=<optimized out>, pos@entry=-1, s=s@entry=0x0, len=len@entry=-1) at ../src/libaudcore/stringbuf.cc:265
#2 0x00007ffffc02a6e in create_message_to_lastfm(char const*, int) (method_name=<optimized out>, n_args=7) at ../src/scrobbler2/scrobbler_communication.cc:101
    name = 0x7ffffc07046 "trackNumber"
    arg = 0x0
    esc = 0x0
    i = 3
    params = {<IndexBase> = {m_data = 0x7ffffc00d7560, m_len = 80, m_size = 88}, <No data field s>}
    buf = {stack = 0x7ffffc52d9000, m_data = 0x7ffffc52d90e8 "method=track.updateNowPlaying&artist=Elton%20John&album=I%27m%20Still%20Standing&track=I%27m%20Still%20Standing&trackNumber=", m_len = 124}
    vl = {{gp_offset = 48, fp_offset = 48, overflow_arg_area = 0x7ffffc7ffebf8, reg_save_area = 0x7ffffc7ffea0}}
    api_sig = <optimized out>
#3 0x00007ffffc0486a in send_now_playing () at /usr/include/libaudcore/objects.h:243
    track_str = {stack = 0x7ffffc52d9000, m_data = 0x7ffffc52d90a8 "", m_len = 0}
    length_str = {stack = 0x7ffffc52d9000, m_data = 0x7ffffc52d90c8 "179", m_len = 3}
    playingmsg =
    {raw = 0x7ffffc0002640 "method=track.updateNowPlaying&artist=Timbaland&album=Shock%20Value&track=Give%20It%20To%20Me%20%28feat.%20Justin%20Timberlake%20%26%20Nelly%20Furtado%29&trackNumber=2&duration=234&api_key=4b4f73bda181"...}
    success = <optimized out>
    error_code = {raw = 0x0}
    error_detail = {raw = 0x0}
    curr_track = {data = 0x5555557e96e0}
    artist = {stack = 0x7ffffc52d9000, m_data = 0x7ffffc52d9020 "Elton John", m_len = 10}
    album = {stack = 0x7ffffc52d9000, m_data = 0x7ffffc52d9078 "I'm Still Standing", m_len = 18}
```

```
track = <optimized out>
ignored = 0
ignored_code = {raw = 0x0}
title = {stack = 0x7fffc52d9000, m_data = 0x7fffc52d9048 "I'm Still Standing", m_len = 18}
length = <optimized out>
#4 0x00007ffffcc0486a in scrobbling_thread(void*) (input_data=<optimized out>) at ../src/scrobble
r2/scrobbler_communication.cc:655
#5 0x00007ffff7123eaa in start_thread (arg=<optimized out>) at pthread_create.c:477
ret = <optimized out>
pd = <optimized out>
unwind_buf =
    {cancel_jmp_buf = {{jmp_buf = {140736548828928, 43732148458216782, 140737488345678,
140737488345679, 140737488345680, 140736548828928, -43679372382708402, -43716529798783666}, mask_w
as_saved = 0}}, priv = {pad = {0x0, 0x0, 0x0, 0x0}, data = {prev = 0x0, cleanup = 0x0, canceltype
= 0}}}
not_first_call = 0
#6 0x00007ffff7928b1f in clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95
```

It is possible that the line #0 of the backtrace is wrongly reported by gdb. (  
<https://github.com/servo/servo/issues/24984#issuecomment-564071555>)

Do you have any idea? If I can add more details, feel free to ask. Audacious is my favorite music player.

Best regards

## History

**#1 - July 02, 2020 15:34 - John Lindgren**

- Category set to *plugins/scrobbler2*

**#2 - July 02, 2020 16:04 - John Lindgren**

I think this is caused by <https://github.com/curl/curl/issues/5601>

**#3 - July 02, 2020 16:17 - John Lindgren**

- % Done changed from 0 to 100

- Status changed from *New* to *Closed*

<https://github.com/audacious-media-player/audacious-plugins/commit/0acee6e9bd3709ac97d3751a58e7da2ee4f2bd20>

**#4 - July 09, 2020 20:28 - Aurélien B.**

You nailed it!

Problem solved by either

- Updating from curl 7.71.0 to 7.71.1
- Adding track numbers to all tracks

Thanks for the quick reply & the fix for later versions of Audacious!