

## Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Bug #1194

### 16MB limit opening m3u files

October 05, 2022 19:27 - Michael Purcell

<b>Status:</b>	Closed	<b>Start date:</b>	October 05, 2022
<b>Priority:</b>	Minor	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	libaudcore	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.3		
<b>Affects version:</b>	4.1		
<b>Description</b>			
File -> Open Files -> [Navigate to Directory] -> Choose large.m3u file			
Playlist truncated after about 16MB (after about 110000 entries with this playlist)			
Remove comment lines using <code>grep -v '^#'</code> from large.m3u and playlist loads completely (currently 113224 entries)			
This 16MB limit seems arbitrary, I would just expect audacious to continue to read m3u playlist until the end of file.			
Audacious Version and OS level:			
<pre>[root@music ~]# audacious -v Audacious 4.1 (Fedora package) [root@music ~]# uname -a Linux music.purcell.lan 5.19.13-100.fc35.x86_64 #1 SMP PREEMPT_DYNAMIC Tue Oct 4 16:05:25 UTC 2022 x86_64 x86_64 x86_64 GNU/Linux</pre>			

### History

#### #1 - October 05, 2022 23:15 - Thomas Lange

The buffer size in `VFSFile::read_all()` is indeed limited to 16 MiB.

@John: Do you think we should increase it? Or can the m3u plugin use another approach to load the file?

<https://github.com/audacious-media-player/audacious/blob/1a405f1cddb768ac41f1885366609f6ac4b333d/src/libaudcore/vfs.cc#L286>

#### #2 - October 06, 2022 20:50 - John Lindgren

I suppose the easy fix would be to increase the limit. It is there simply to prevent a malicious (possibly remote) file from exhausting memory, but I don't think there is anything magical about the 16 MiB number. We could probably raise it to 256 MiB easily and still be fine as far as OOM scenarios.

#### #3 - October 13, 2022 17:07 - Thomas Lange

- Target version set to 4.2.1

- Category set to libaudcore

Fixed with <https://github.com/audacious-media-player/audacious/commit/3e9217082538dbe72e0131e71baed3054eb6ceda>.

Thanks for reporting.

#### #4 - October 13, 2022 17:08 - Thomas Lange

- Status changed from New to Closed

**#5 - February 06, 2023 21:02 - John Lindgren**

- *Target version changed from 4.2.1 to 4.3*