

Audacious - Bug #1194

16MB limit opening m3u files

October 05, 2022 19:27 - Michael Purcell

Status:	Closed	Start date:	October 05, 2022
Priority:	Minor	Due date:	
Assignee:		% Done:	0%
Category:	libaudcore	Estimated time:	0.00 hour
Target version:	4.3		
Affects version:	4.1		

Description

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 `grep -v '^#'` 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:

```
[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
```

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*