

Audacious - Feature #875

Extended M3U support

February 24, 2019 10:18 - Raitaro Hikami

Status:	New	Start date:	February 24, 2019
Priority:	Major	Due date:	
Assignee:		% Done:	0%
Category:	plugins/m3u	Estimated time:	0.00 hour
Target version:			
Affects version:	3.10		

Description

As described on the wikipedia page for the m3u format: <https://en.wikipedia.org/wiki/M3U>

I need something like this:

```
#EXTM3U
#EXTINF:419,Alice in Chains - Rotten Apple
Alice in Chains_Jar of Flies_01_Rotten Apple.mp3
```

I tried making a quick playlist using youtube-dl. Seems that audacious can use the links given by `-g` option quite well though. The problem is that I would like to have the file name not the url. I usually do something like this:

```
play=/tmp/playlist.m3u
youtube-dl -g $link >> $play
audacious --qt $play & > /dev/null 2>&1
```

On the other hand, if I use shorten links, generated by something a bit more complex, but faster (not to mention more readable output):

```
echo "#EXTM3U" > short.m3u
youtube-dl -j --flat-playlist https://www.youtube.com/playlist\?list\=PLURsDaOr8hWWGebP8AGmA3Wu2WA
QEHFUc | jq -r '.title, .url' | sed -e '2~2s_^_https://youtu.be/_ ' -e '1~2s_^_#EXTINF:,_ ' >> short
.m3u
```

I get something like this:

```
#EXTM3U
#EXTINF:,My Chocolate Croissant Was Supposed To Be Perfect...
https://youtu.be/HQeIivIacJc
#EXTINF:,I Learned How To Temper Chocolate... (science included)
https://youtu.be/3-EKcYqKEec
#EXTINF:,I Tried "Sous-Vide" to Temper Chocolate... (best move ever)
https://youtu.be/--KcoWb8ZD4
#EXTINF:,I Designed Custom Chocolate Bars Using Thermoforming...
https://youtu.be/O5SwGr-84c4
```

The generated playlist seems completely fine on vlc, on audacious on the other hand it simply... well, gives an error: `File format not

recognized`

History

#1 - February 24, 2019 13:41 - John Lindgren

- Category set to *plugins/m3u*
- Subject changed from *m3u file: metadata is ignored, short links do not work* to *Extended M3U support*
- Tracker changed from *Bug* to *Feature*

That's the "Extended M3U" format, we don't support that currently.

And your short links point to HTML pages, how exactly did you expect Audacious to "play" those?

#2 - February 24, 2019 13:43 - Raitaro Hikami

Ok so what kind of format does audacious support exactly? Should I copy the ones found in `.config/audacious/playlists`?

Again, `vlc <https://youtu.be/HQeIivIacJc>` works :)

#3 - February 24, 2019 13:50 - Raitaro Hikami

Getting the full link from that I get this loooooong thingy here. But whatever, this is to be used for streaming some stuff. The issue is this links is very long and takes a while to be generated vs the nice and quick js option :(

```
▶ youtube-dl -g https://youtu.be/HQeIivIacJc
https://r1---sn-pouxga5o-vu2l.googlevideo.com/videoplayback?signature=58109388B28D71A5815495CB4827A2D73CAA7F56
.82E7968B3696D80553E47011C32B8E3C63987695&fvip=3&ratebypass=yes&requiresl=yes&sparams=dur%2Ce%2Cid%2Cinitcwn
dbps%2Cip%2Cipbits%2Citag%2Clmt%2Cmime%2Cmm%2Cmn%2Cms%2Cmv%2Cpl%2Cratebypass%2Crequiresl%2Csource%2Cexpire&it
ag=22&ei=V6ByXNwKA9fk7gOn_6_4BQ&key=yt6&id=o-AAwXENMdGgnmEGU_QIkXjRdcuhutGvT1ZLgqYbpggiBJ&limit=1550360255567520
&mn=sn-pouxga5o-vu2l%2Csn-c0q7lnsl&c=WEB&ipbits=0&mm=31%2C29&txp=5532432&initcwndbps=186250&pl=24&mime=video%2
Fmp4&mt=1551015881&ip=94.176.148.35&ms=au%2Crdu&expire=1551037623&mv=m&dur=585.026&source=youtube
```

Would be cool to pipe btw... `youtube-dl -g <https://youtu.be/HQeIivIacJc> | audacious --qt`

#4 - February 25, 2019 18:16 - Raitaro Hikami

□□□□

#5 - March 07, 2019 03:54 - Jim Turner

- File *m3u.diff* added

Supporting extended m3u playlists does not appear to be difficult. Here's a patch to m3u.cc to do just that that seems to work for me. It also adds a checkbox to the plugin's [settings] labeled "Save in Extended M3U format" []. It will load either normal or extended playlists regardless.

Regards,

Jim

#6 - March 12, 2019 15:19 - Raitaro Hikami

Jim Turner wrote:

Supporting extended m3u playlists does not appear to be difficult. Here's a patch to m3u.cc to do just that that seems to work for me. It also adds a checkbox to the plugin's [settings] labeled "Save in Extended M3U format" []. It will load either normal or extended playlists regardless.

Regards,

Jim

So... I assume I will have to apply the diff in this: <https://github.com/audacious-media-player/audacious-plugins/blob/master/src/m3u/m3u.cc>
Then I need to configure and make install the repo itself, right?

#7 - March 12, 2019 16:35 - Raitaro Hikami

To be fair I tried.

To build audacious I did:

```
TPUT=/bin/true ./configure --prefix=/usr --enable-qt --disable-gtk &&\
make
sudo make install
```

For plugins:

```
TPUT=/bin/true ./configure --prefix=/usr --disable-wavpack --with-ffmpeg=none --enable-qt --disable-gtk &&\
make
sudo make install
```

And I just get

```
ERROR plugin-init.cc:147 [start_required]: No output plugin found.
(Did you forget to install audacious-plugins?)
```

Not sure why so I simply `sudo make uninstall` and reinstalled audacious normally and not it works. (-H works btw)

Ah well, will be waiting for the support to trickle down in my ppa `_(_)/`

#8 - March 13, 2019 16:18 - John Lindgren

Jim Turner wrote:

Supporting extended m3u playlists does not appear to be difficult.

The problem is that refreshing the playlist will throw away the info from the extended M3U. We need a way (for example, a flag in the Tuple class) to mark info that came from a playlist (cuesheet or extended M3U) rather than from the audio file itself.

#9 - March 18, 2019 04:01 - Jim Turner

- File *playlist-data.cc.diff* added

@John: That's what the playlist-data.cc part of my Bug#878 patch addresses. BTW, I've replaced the scanner.* parts of that patch with your fix for that issue and it seems to work fine now, thanks! I'm including an update to the playlist-data.cc patch here that incorporates that change, see attached.

@Raitaro: Sry you're having trouble building Audacious, but I actually was addressing that patch toward the developers. Here's how I build Audacious:

1) Make sure you have all the "dev" vsns of the required libs:

```
sudo apt-get install git automake build-essential libasound2-dev \  
libavformat-dev libbinio-dev libbs2b-dev libcdcb2-dev libcdio-cdda-dev \  
libcue-dev libcurl4-gnutls-dev libdbus-glib-1-dev libfaad-dev libflac-dev \  
libfluidsynth-dev libgl1-mesa-dev libgtk2.0-dev libguess-dev \  
libjack-jackd2-dev liblrclient-dev libmms-dev libmodplug-dev libmp3lame-dev \  
libmpeg123-dev libneon27-gnutls-dev libnotify-dev libpulse-dev \  
libsamplerate0-dev libSDL2-dev libsidplayfp-dev libsndfile1-dev libsoxr-dev \  
libvorbis-dev libwavpack-dev libxml2-dev libsndio-dev libswscale-dev libdvdrread-dev libdvnav-dev
```

2: UNINSTALL all your existing Audacious packages from your distro (it shouldn't delete your /home/you/.config/audacious files - Tar 'em up to be SURE)!

3):
mkdir audacious; git clone git://github.com/audacious-media-player/audacious.git audacious

mkdir audacious-plugins; git clone git://github.com/audacious-media-player/audacious-plugins.git audacious-plugins

5):
cd audacious
./autogen.sh
./configure --prefix=/usr/local [--enable-qt]
make -j2
sudo make install
cd ../audacious-plugins
./autogen.sh
./configure --prefix=/usr/local
make -j2
make install
cd ..
/usr/local/bin/audacious

Good luck!

Jim

#10 - March 20, 2019 19:11 - Raitaro Hikami

@Jim
Thank you for the build script. What I did to get the devs was compiling, see what I was missing, and compiling again, which I don't think I did well.

Files

short.m3u	385 Bytes	February 24, 2019	Raitaro Hikami
m3u.diff	6.16 KB	March 07, 2019	Jim Turner
playlist-data.cc.diff	2.44 KB	March 18, 2019	Jim Turner