# Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Feature #698

## Please consider adding auto-decoding & playing Tunein.com radio streams

January 27, 2017 21:52 - Jim Turner

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| **Status:** | Rejected | | **Start date:** | January 27, 2017 |
| **Priority:** | Minor | | **Due date:** | |
| **Assignee:** | | | **% Done:** | 0% |
| **Category:** | | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | | |
| **Affects version:** | | | | |

**Description**

Tunein.com is a clearinghouse of many broadcast and online radio stations that provides a website and real-time streaming via one's web browser.  In order to stream stations on Tunein.com via one's choice of alternate media players, one must manually dig through the html, locate a certain tag ("StreamUrl") that points to another URL which contains one or more actual "streaming URLs" and other stream information, select the best one, and manually paste it into their choice of media player.  There is a python script that will handle this fetching process from a command line that I've used for this purpose, but have forgotten where it came from, called "getstream.py".  I've written a new Perl module called Tunein::Streams that provides this capability to a program / script.  Example Tunein.com station URL:  http://tunein.com/radio/1003-Jack-FM-s34942/  for which the best streaming URL that Audacious needs is: http://15363.live.streamtheworld.com/KJKKFM_SC

What I'm interested in is incorporating this url-parsing capability into Audacious allowing one to simply add the station's Tunein.com url to Audacious and have it automatically find and launch the best stream automatically by incorporating this logic into the existing "playlist" capabilities.  I've successfully got it "hacked" and working (see attached files).

It took surprisingly little effort to get working (only a few changes to a single source file: libaudcore/playlist-files.cc), as I leveredged my own "Tunein::Streams" module and a tiny Perl program I wrote fetch, parse, and create a temporary single-line .pls playlist file which contains the proper stream for Audacious.  I'm pretty certain though that you could come up with a much better way to do this without too much difficulty and without separate Perl code, so I'm asking you to consider looking into it for a future release.  The Perl module is located here:  http://search.cpan.org/~turnerjw/Tunein-Streams-1.00/lib/Tunein/Streams.pm

Thanks!

Jim

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**History**

**#1 - January 29, 2017 18:39 - John Lindgren**

*- Status changed from New to Rejected*

No.  Though Audacious is meant to be "versatile" this does not include parsing every random website to extract stream URLs.

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**Files**

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|---|---|---|---|
| playlist-files.diff | 3.17 KB | January 27, 2017 | Jim Turner |