Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Bug #1206

Audacious: cannot enable libarchive at configure time.

March 14, 2023 11:25 - Carlo Bramini

Status:	Rejected	**Start date:**	March 14, 2023
Priority:	Minor	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
Affects version:	4.3		

Description

I tried to enable libarchive by adding --enable-libarchive when calling configure.
During the process, it prints on the console:

```
checking for libarchive... no
configure: error: Package requirements (libarchive) were not met:

Package 'iconv', required by 'libarchive', not found
```

Into the macro PKG_CHECK_MODULES() provided by aclocal, _PKG_CONFIG() is also used for testing the dependecies into *_LIBS.
Evidently, libarchive depends also on libiconv here.
But GNU Iconv does not provide a script for pkgconfig.
Both the latest version 1.17 of Libiconv and its development sources at Savannah have not it.
At the moment, I bypassed the problem by writing by hand an iconv.pc file, which allowed me to complete the configuration and make a successful build.

I tested this behaviour with the latest development sources of Audacious after release of version 4.3.
The build platforms are MinGW and CYGWIN.

History

#1 - March 15, 2023 16:56 - John Lindgren

This seems like a libarchive packaging issue; do you have reason to believe otherwise?

#2 - March 16, 2023 14:01 - Carlo Bramini

John Lindgren wrote:

> This seems like a libarchive packaging issue; do you have reason to believe otherwise?

This is the content of libiconv provided by Arch Linux, just click the link inside the "Package Contents" section to open the drop-down list:

https://archlinux.org/packages/community/x86_64/libiconv/

and there is not a iconv.pc file to be used with pkg-config.
However, this issue seems to be related only to autotools configure, since Meson detects both libarchive and iconv correctly.

#3 - March 18, 2023 02:51 - John Lindgren

- Status changed from New to Rejected

Carlo Bramini wrote:

> and there is not a iconv.pc file to be used with pkg-config.

Right, so it is wrong for libarchive to declare (via pkg-config) a dependency on iconv.
See https://github.com/libarchive/libarchive/issues/1819.

Arch Linux patches out the iconv dependency from its libarchive package, for what it's worth:
https://github.com/archlinux/svntogit-packages/blob/8609f0893f709461260da7f92dbcdd21ec85e287/trunk/PKGBUILD#L41

Closing since this is a libarchive issue.