

Audacious - Bug #1206

Audacious: cannot enable libarchive at configure time.

March 14, 2023 11:25 - Carlo Bramini

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|-------------------------|----------|------------------------|----------------|
| 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 dependencies 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.