Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Bug #271

configure.ac depends on PKG_CHECK_VAR

March 27, 2013 01:52 - Luís Picciochi

Status:	Closed		**Start date:**	March 27, 2013
Priority:	Major		**Due date:**	
Assignee:			**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	3.4			
Affects version:				

Description

The audacious-plugins configure.ac script depends on PKG_CHECK_VAR:

```
$ grep -n PKG_CHECK_VAR configure.ac
1062:PKG_CHECK_VAR([plugindir], [audacious], [plugin_dir], [], [AC_MSG_ERROR([Cannot retrieve plugin_dir pkgconfig variable])])
```

However, this macro is only available starting at pkg-config 0.28 ([release notes here](#)).

Either increase the dependency on pkg-config (currently at 2.59) or don't use this macro.
As a workaround, I defined the macro locally (ripped from the [upstream commit](#)). I'm not sure if we want to do this even if only when it's not provided by the installed pkg-config.

```
$ git diff configure.ac
diff --git a/configure.ac b/configure.ac
index 0d0f839..db28962 100644
--- a/configure.ac
+++ b/configure.ac
@@ -22,6 +22,16 @@ AUD_COMMON_PROGS
 BUILDSYS_INIT
 BUILDSYS_SHARED_LIB

+  AC_DEFUN([PKG_CHECK_VAR],
+    [AC_REQUIRE([PKG_PROG_PKG_CONFIG])dnl
+     AC_ARG_VAR([$1], [value of $3 for $2, overriding pkg-config])dnl
+     _PKG_CONFIG([$1], [variable="][$3]["], [$2])
+     AS_VAR_COPY([$1], [pkg_cv_][$1])
+     AS_VAR_IF([$1], [""], [$5], [$4])dnl
+    ])# PKG_CHECK_VAR
+
 dnl Headers and functions
 dnl ====================
 AC_CHECK_FUNCS([mkdtemp])
```

History

#1 - March 27, 2013 01:52 - Luís Picciochi

- Target version set to 3.4

#2 - March 27, 2013 03:33 - John Lindgren

Yes, this was also reported at http://redmine.audacious-media-player.org/boards/1/topics/736.

#3 - March 27, 2013 16:01 - Michael Schwendt

This would work:

```
m4_ifdef([PKG_CHECK_VAR], [],
[AC_DEFUN([PKG_CHECK_VAR],
    [AC_REQUIRE([PKG_PROG_PKG_CONFIG])dnl
     AC_ARG_VAR([$1], [value of $3 for $2, overriding pkg-config])dnl
     _PKG_CONFIG([$1], [variable="][$3]["], [$2])
     AS_VAR_COPY([$1], [pkg_cv_][$1])
     AS_VAR_IF([$1], [""], [$5], [$4])dnl
    ])# PKG_CHECK_VAR
])
```

While at it, I just noticed there is also the AM_PATH_SIDPLAY macro, which is undefined unless the not-fully-free libsidplay2 is installed and provides it. That macro also breaks a simple autoreconf and could be wrapped into m4_ifdef([AM_PATH_SIDPLAY],[..]), but that is off-topic here. ;)

#4 - March 30, 2013 01:09 - Luís Picciochi

I should take more attention when submitting bugs so late in the night. When I said:

Either increase the dependency on pkg-config (currently at 2.59) or don't use this macro.

I should have said:
Either declare a dependency on pkg-config >= 0.28 (somehow, I'm not sure if there's a macro for that) or don't use this macro (in which case, Michael's suggestion above should be good for backwards compatibility).

#5 - March 30, 2013 17:07 - John Lindgren

- Status changed from New to Closed

- % Done changed from 0 to 100

https://github.com/audacious-media-player/audacious-plugins/commit/f95ab6f939ecf0d9232b3165f9241d2ea9676b9e