

Audacious - Bug #461

Audacious does not compile with GLIB < 2.36

August 19, 2014 15:39 - Carlo Bramini

Status:	Closed	Start date:	August 19, 2014
Priority:	Minor	Due date:	
Assignee:		% Done:	100%
Category:	core	Estimated time:	0.00 hour
Target version:	3.6		
Affects version:	3.6		

Description

After some time, I did a checkout of the latest sources of Audacious and I tried to build them. During the process, it stopped with an error into src/audacious/main.cc, saying that `g_type_init()` was undeclared in the current context. In that source, I fixed the trouble by adding:

```
#if ! GLIB_CHECK_VERSION (2, 36, 0)
#include <glib-object.h>
#endif
```

immediately after the inclusion of `glib.h`, since the `main()` function handled it in a similar way.

The compilation completed successfully, but later it halted again during the link because the symbol `_g_type_init` was not found. I was able to overcome it by temporarily hacking the Makefile, by adding `"-lgobject-2.0"` to the libs. Probably, the configure script has to query the presence of the `gobject` module with `pkgconfig` and add its `cflags` and `libs`. Only the stuff inside `src/audacious` required this fix.

History

#1 - August 20, 2014 11:05 - Ariadne Conill

We are aiming to remove the stuff that depends on `gobject` from audacious core. Can you clarify whether this is a problem that exists in the `gtk+` support library (`libaudgui`) or `core`?

Thanks.

#2 - August 20, 2014 11:07 - Ariadne Conill

Oh, I see. This will be resolved soon with the `gobject` removal.

#3 - August 23, 2014 02:01 - John Lindgren

- Status changed from *New* to *Closed*

- Target version set to 3.6

- % Done changed from 0 to 100

Well, we cannot get rid of `GObject` completely in `core` since the `D-Bus` support needs it. But we don't build against `GObject` if `--disable-dbus` is used, so we shouldn't be calling `g_type_init()` in that case either.

<https://github.com/audacious-media-player/audacious/commit/6dfb6b6a4ec60cd75923374cc0b9b4e71d2a93dc>

<https://github.com/audacious-media-player/audacious-plugins/commit/615702dc47b33a694963939d3cb7b4f361475609>