

Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Bug #259

main window does not maintain size clicking on status icon with gtk+ 3.7.10

February 25, 2013 10:50 - jef spera

Status:	Rejected	Start date:	February 25, 2013
Priority:	Minor	Due date:	
Assignee:		% Done:	0%
Category:	plugins/gtkui	Estimated time:	0.00 hour
Target version:			
Affects version:	3.4-alpha1		
Description			
I'm using Mate-1.4 gtk+3.7.10 audacious-3.4-alpha1. How to reproduce: 1) Start audacious 2) Activate status icon plugin 3) Resize main window 4) Click twice on status icon 5) Now main window has a small size, so you can see only one song. Audacious still works great with gtk+3.6.x			

History

#1 - March 02, 2013 21:06 - John Lindgren

- Status changed from New to Rejected

Please do a Git bisect to find the GTK+ commit that caused the regression, and then report the bug to the GTK+ developers.

#2 - March 09, 2013 22:20 - John Lindgren

- Status changed from Rejected to New

- Target version deleted (3.4)

Thomas Lange did some debugging on this:

The bug appeared between GTK 3.7.4 and 3.7.6 with this commit:

<https://git.gnome.org/browse/gtk+/commit/?id=b495ce5446a0bbf2ed63b5880537779e4b123515>

So I asked the developer Benjamin Otte what could be wrong here.

He explained me that GTK 3.8 does not return the recent allocated size of a widget if it is invisible (because a invisible widget should not have a valid size).

But that's the case here. And because of this the window size is the minimum.

I can't build development versions of GTK+ because my system does not have new enough dependencies, but maybe this will help someone find a solution.

Reopening.

#3 - March 10, 2013 23:02 - Thomas Lange

- File `ui_gtk.patch` added

- Subject changed from *main window doesn't maintain size clicking on status icon with gtk+3.7.10* to *main window doesn't maintain size clicking on status icon with gtk+3.7.10*

The attached patch fixes this.

If the window is visible (-> valid values), the size is stored.
And if the window becomes visible again, the size is restored.

#4 - March 10, 2013 23:04 - Thomas Lange

- Subject changed from *main window doesn't maintain size clicking on status icon with gtk+3.7.10* to *main window doesn't maintain size clicking on status icon with gtk+3.7.10*

#5 - March 11, 2013 02:18 - John Lindgren

- Subject changed from *main window doesn't maintain size clicking on status icon with gtk+3.7.10* to *main window does not maintain size clicking on status icon with gtk+3.7.10*

- Category changed from *libaudgui* to *plugins/gtkui*

- Assignee deleted (jef spera)

Does GtkWindow forget its size after a `gtk_widget_hide()` + `gtk_widget_show()` cycle? That seems wrong.

#6 - March 11, 2013 09:09 - jef spera

- File `log_status_icon.txt` added

The patch worked for me but there is another issue with status icon:

```
1 clear ./config/audacious
2 start audacious
3 check Status Icon in Preferences->Plugins->General
4 close audacious
5 the program ends with
Gtk:ERROR:gtkwidget.c:14122:gtk_widget_unregister_window: assertion failed: (user_data == widget)
and ~/.config/audacious/config is not updated
```

This happens with gtk+3.7.12 too.
In the meantime i went back to 2.5.4, gtk3/gnome3 apps are only for testing.

#7 - March 21, 2013 01:10 - John Lindgren

- Status changed from *New* to *Rejected*

John Lindgren wrote:

Does GtkWindow forget its size after a `gtk_widget_hide()` + `gtk_widget_show()` cycle? That seems wrong.

Answering my own question: yes. This is a regression in GTK+. Benjamin Otte seemed to indicate on IRC that he plans to fix it for GTK+ 3.8.

#8 - March 30, 2013 00:23 - John Lindgren

Forwarded to https://bugzilla.gnome.org/show_bug.cgi?id=696882.

Files

ui_gtk.patch	975 Bytes	March 10, 2013	Thomas Lange
log_status_icon.txt	4.09 KB	March 11, 2013	jef spera