

## Freeciv - Bug #850605

### S2\_5 gtk3-client build failure with glib >= 2.58

2019-12-03 01:42 PM - Marko Lindqvist

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Marko Lindqvist	<b>% Done:</b>	0%
<b>Category:</b>	gui-gtk-3	<b>Estimated time:</b>	0.00 hour
<b>Sprint/Milestone:</b>	2.5.12		

#### Description

Glib-2.58 deprecated `g_type_class_add_private()` & `G_TYPE_INSTANCE_GET_PRIVATE()` used by S2\_5 gtkpixcomm code. The good alternatives for them were introduced in glib-2.38, but our minimum requirement is lower than that -> need to do some #if'ing based on glib version macros.

Later branches are not affected.

#### History

##### #1 - 2019-12-03 02:10 PM - Marko Lindqvist

- File `0001-gtk3-Fix-build-with-glib-2.58.patch` added

- Status changed from *In Progress* to *Resolved*

##### #2 - 2019-12-04 07:45 PM - Marko Lindqvist

Commit message has a typo that I try to remember to amend before pushing the commit; number of the glib version that introduced replacement functionality was 2.38, not 2.8.

##### #3 - 2019-12-04 11:33 PM - Jacob Nevins

For the record:

I understand from IRC this was triggered by failure to compile on Debian testing with errors like

```
../../../../src/client/gui-gtk-3.0/gtkpixcomm.c:93:13: error: G_ADD_PRIVATE [-Werror]
  93 |   GtkPixcommPrivate *priv = GTK_PIXCOMM_GET_PRIVATE(pixcomm);
```

Testing currently has glib2.0 2.62.x. I'm currently on Debian stable (Buster) which has glib2.0 2.58.3-2+deb10u2, and I don't see any such errors.

I think this is because while this stuff was documented as deprecated in 2.58, that wasn't enforced until around 2.61.x (see [this glib commit](#)).

(For completeness, I've tried this patch on Debian Buster and had no obvious trouble.)

##### #4 - 2019-12-05 02:11 AM - Marko Lindqvist

- Status changed from *Resolved* to *Closed*

- Assignee set to Marko Lindqvist

#### Files

0001-gtk3-Fix-build-with-glib-2.58.patch	1.96 KB	2019-12-03	Marko Lindqvist
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