

## U++ - Bug #665

### EditField::Style dosen't work property on some Qt(KDE) distributions (ChGTK)

01/26/2014 03:23 PM - Zbigniew Rebacz

|                        |                 |                        |            |
|------------------------|-----------------|------------------------|------------|
| <b>Status:</b>         | Approved        | <b>Start date:</b>     | 01/26/2014 |
| <b>Priority:</b>       | Normal          | <b>Due date:</b>       |            |
| <b>Assignee:</b>       | Zbigniew Rebacz | <b>% Done:</b>         | 0%         |
| <b>Category:</b>       | CtrlLib         | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b> |                 | <b>Spent time:</b>     | 0.00 hour  |

#### Description

Nasty and hard to diagnose bug. So, what is the problem? On Qt platform such as KDE ChGtk has got problem to choose proper EditField frame. This bug may manifest as a complete lack of frame (Look: oxygen-gtk theme).

Following code should stabilize drawing EditField frame on Qt platform(KDE):

```
int efm = 0;
{
    EditField::Style& s = EditField::StyleDefault().Write();
    Image img;
    for(int i = 0; i < 4; i++) {
        GtkWidget *w = Setup(gtk_entry_new());
        if(i == CTRL_PRESSED)
            GTK_WIDGET_FLAGS(w) |= GTK_HAS_FOCUS;
        if(i == CTRL_DISABLED)
            GTK_WIDGET_FLAGS(w) &= GTK_SENSITIVE;
        img = GetGTK(w, GTK_STATE_NORMAL, GTK_SHADOW_IN, "entry", GTK_SHADOW, 20, 20);
        if(i == 0)
            efm = max(ImageMargin(img, 4, 0), 1);
        if(!Qt)
            img = GetGTK(w, GTK_STATE_NORMAL, GTK_SHADOW_IN,
                "entry", GTK_SHADOW, 2 * efm + 3, 2 * efm + 3); // <- It seems that this line causing problems on Qt for some
    }
    ImageBuffer eb(img);
    eb.SetHotSpot(Point(efm, efm));
    s.edge[i] = Image(eb);
    s.activeedge = true;
    gtk_widget_destroy(w);
}
```

Above code was tested on Ubuntu(Gtk - Nothing has changed) and Kubuntu(KDE). On KDE I had tested on multiple themes.

P.S.

This patch includes all my previous patches to ChGtk.cpp.

#### History

#1 - 01/27/2014 02:56 PM - Miroslav Fidler

- Status changed from Patch ready to Approved

**#2 - 01/28/2014 04:36 PM - Zbigniew Rebacz**

- Status changed from *Approved* to *Patch ready*

Hello Mirek,

You should also move "img = GetGTK(w, GTK\_STATE\_NORMAL, GTK\_SHADOW\_IN, "entry", GTK\_SHADOW, 20, 20);" out of if block(if (i == 0)) (Line 11 on my above post). I would like to notice that current code on SVN doesn't work correctly on KDE for 99.9%.

For more details please diff ChGtk0.cpp included in this topic.

**#3 - 01/28/2014 09:25 PM - Miroslav Fidler**

- Status changed from *Patch ready* to *In Progress*

- Assignee changed from *Miroslav Fidler* to *Zbigniew Rebacz*

Zbigniew Rebacz wrote:

*Hello Mirek,*

*You should also move "img = GetGTK(w, GTK\_STATE\_NORMAL, GTK\_SHADOW\_IN, "entry", GTK\_SHADOW, 20, 20);" out of if block(if (i == 0)) (Line 11 on my above post). I would like to notice that current code on SVN doesn't work correctly on KDE for 99.9%.*

*For more details please diff ChGtk0.cpp included in this topic.*

Well, that is the problem: You have posted ChGtk0.cpp instead of ChGtk.cpp ;)

**#4 - 01/29/2014 04:18 PM - Zbigniew Rebacz**

- File deleted (*ChGtk0.cpp*)

**#5 - 01/29/2014 04:25 PM - Zbigniew Rebacz**

- File *ChGtk.cpp* added

- Assignee changed from *Zbigniew Rebacz* to *Miroslav Fidler*

The correct file...

**#6 - 01/29/2014 05:11 PM - Zbigniew Rebacz**

- Status changed from *In Progress* to *Patch ready*

**#7 - 01/31/2014 01:03 AM - Zbigniew Rebacz**

- File deleted (*ChGtk.cpp*)

**#8 - 01/31/2014 01:09 AM - Zbigniew Rebacz**

- File *ChGtk.cpp* added

- Additional menubar fix on pure gtk distributions.

#9 - 02/04/2014 07:27 PM - Miroslav Fidler

- Status changed from Patch ready to Approved
- Assignee changed from Miroslav Fidler to Zbigniew Rebacz

Files

|           |         |            |                 |
|-----------|---------|------------|-----------------|
| ChGtk.cpp | 21.2 KB | 01/31/2014 | Zbigniew Rebacz |
|-----------|---------|------------|-----------------|