

## U++ - Bug #986

### GTK chameleon should provide support for theming LabelBox

02/16/2015 06:00 PM - Zbigniew Rebacz

<b>Status:</b>	Rejected	<b>Start date:</b>	02/16/2015
<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

It seems that LabelBox colors is not emulated when GTK styling is on.

This is my solution (well tested - please reed comment - CtrlLib/ChGtk.cpp):

```
GtkWidget *label = gtk_label_new("Ch");
Setup(label);
Color labelColor = ChGtkColor(0, label);
SColorLabel_Write(labelColor);
gtk_widget_destroy(label);
```

```
GtkWidget *frame = gtk_frame_new("");
Setup(frame);
/*
```

GtkWidget \*frameLabel = gtk\_frame\_get\_label\_widget((GtkFrame\*)frame); // <- Default GTK label (We don't need this). We will use label color to emulate this!!!

```
Setup(frameLabel); // <- For some reason it causes IDE crash, but without calling this emulation will failed (Text always black).
*/
```

Color frameColor = ChGtkColor(4, frame); // <- Why "4"? I don't know, but it works perfect on light/dark theme. "1, 2, 3" doesn't work at all!

```
LabelBoxColor_Write(frameColor);
LabelBoxTextColor_Write(labelColor); // <- We are using labelColor from labelWidget.
gtk_widget_destroy(frame);
```

To apply patch please use diff version (without unnecessary comments). Of course I enclose several examples. Final version is similar to Windows version.

#### History

##### #1 - 02/16/2015 06:00 PM - Zbigniew Rebacz

It should be feature instead of bug.

##### #2 - 02/18/2015 04:17 PM - Zbigniew Rebacz

- Priority changed from Normal to High

##### #3 - 02/19/2015 09:17 AM - Miroslav Fidler

- Assignee changed from Miroslav Fidler to Zbigniew Rebacz

Hi,

the reason I have not accepted this patch is that my experience tells me that it is likely to be broken with some theming engine not tested yet.

Correct theming of LabelBox is hardly something that gets noticed by regular user. Broken theming of LabelBox would get noticed.

Little gain, potential big pain.

BTW, over last 2 years I was actually removing some chameleon theming as I gradually found hard to resolve bugs with specific engine. I am afraid theming will always be a compromise...

Mirek

**#4 - 02/19/2015 01:42 PM - Zbigniew Rebacz**

- Status changed from Patch ready to In Progress
- Priority changed from High to Normal

I think I will find better solution. Please notice that GTK style supplies more information about colors like "fg", "bg", "mid", "text", "light", "dark". Maybe we can use it to achieve better theming? We are always using fg.

Here is documantation:

<https://developer.gnome.org/pygtk/stable/class-gtkstyle.html>

This task can be done in next release (Now it has normal priority).

**#5 - 02/19/2015 02:46 PM - Zbigniew Rebacz**

- Assignee changed from Zbigniew Rebacz to Miroslav Fidler

The only thing we can truly emulate is LabelBoxTextColor (In this certain situation there is not compromise). What do you thing? If not just reject this task.

**#6 - 02/28/2015 10:40 PM - Zbigniew Rebacz**

- Status changed from In Progress to Rejected
- Assignee changed from Miroslav Fidler to Zbigniew Rebacz

**Files**

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LabelBoxChGtk.diff	745 Bytes	02/16/2015	Zbigniew Rebacz
LabelBoxColorEmulation.png	251 KB	02/16/2015	Zbigniew Rebacz
NativeFrame.png	7.6 KB	02/16/2015	Zbigniew Rebacz