

---

Subject: Re: GTK theming a reality  
Posted by [guido](#) on Thu, 30 Nov 2006 19:52:10 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

luzr wrote on Wed, 29 November 2006 20:29: Will you try? I think should be relatively easy (CtrlLib/ChGtk.cpp)

Mirek

Ok. Here my take:

```
char *font_name = "";
GOBJ().g_object_get(GTK().gtk_settings_get_default(), "gtk-font-name", &font_name, NULL);
int xdpi;
GOBJ().g_object_get(GTK().gtk_settings_get_default(), "gtk-xft-dpi", &xdpi, NULL);

int fontname = Font::ARIAL;
int fontheight = 13;

const char *q = strrchr(font_name, ' ');
if(q) {
    int h = atoi(q);
    if(h)
        fontheight = h;
    String face(font_name, q);
    if(Font::FindFaceNameIndex(face) < 0)
        if(ToUpper(face[0]) == 'M')
            fontname = Font::COURIER;
        else
            if(ToUpper(face[0]) == 'S' && ToUpper(face[1]) == 'e')
                fontname = Font::ROMAN;
    }

Draw::SetStdFont(Font(fontname, (fontheight * xdpi) / (1024*72)));
```

```
ChLookFn(GtkLookFn);
```

I looked at the GDK docs, and that's the math there.

Incidentally, I fixed a allocation bug, which I noticed GTK complain about, when starting a sample app from a terminal.

The last line, is the fixed one:

```
ChSet("ScrollBarOverThumb", m != GetGTK(w, 0, 0, "slider", GTK_SLIDER|GTK_VAL1, 16, 32));
GTK().gtk_widget_destroy(w);
```

```
GTK().gtk_object_sink(adj);
```

Add to gtk.dli:

```
FN(void, gtk_object_sink, (G_obj *widget))
```

---