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Subject: Re: GTK theming a reality  
Posted by [mirek](#) on Wed, 29 Nov 2006 10:57:48 GMT  
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guido wrote on Wed, 29 November 2006 05:47

Congratulations!

Already working on icon theming?

That is the next step. Actually, there is not too many icons import now (only for message boxes and OK Cancel buttons).

Well, I can also import "common" icons for Cut/Copy/Paste, but maybe I will do so rather on "app demand". There is also a problem with icon size...

Quote:

Currently it shares a problem I got with Firefox 2.0 (1.5 was OK) in that application font is two points too big. I can make it smaller by increasing the Xserver DPI setting from 72 to 120, but than the other GTK apps have tiny fonts.

Could you please tell me, how the font size is retrieved?

Sure:

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

const char *q = strrchr(font_name, ' ');
if(q) {
    int h = atoi(q);
    String face(font_name, q);
    int ii = Font::FindFaceNameIndex(face);
    if(ii < 0)
        if(ToUpper(face[0]) == 'M')
            ii = Font::COURIER;
        else
            if(ToUpper(face[0]) == 'S' && ToUpper(face[1]) == 'e')
                ii = Font::ROMAN;
            else
                ii = Font::ARIAL;
    Draw::SetStdFont(Font(ii, h ? h * 96 / 72 : 13));
}
```

(in short, it expects  $h * 96 / 72$  converts retrieved point size to 96dpi screen pixels).

For me, font is exactly as big as in other gnome apps. But as you already noted, I tend to oversimplify things, maybe this simple height retrieval needs to take into account more factors?

Mirek

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