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Subject: Re: MenuItem Chameleon bug report & question

Posted by [mirek](#) on Thu, 29 Mar 2007 15:44:43 GMT

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mrjt wrote on Thu, 29 March 2007 07:32 Good morning.

First the bug report:

I've applied a simple style (just an image) to MenuBar::Style.item, but the first time the menu is opened the style is not used. Once the menu is closed and reopened the style is correctly used. From stepping through the code it seems the style hasn't yet been assigned to the MenuItem the first time it is painted.

Tested on XP against 2007.rc3, example attached.

Thanks for the perfect testcase; bug fixed; quick patch:

```
void SubMenuBase::Pull(Ctrl *item, Point p, Size sz)
{
    if(!item->IsOpen() || menu.IsOpen()) return;
    menu.Clear();
    if(parentmenu)
        menu.SetStyle(*parentmenu->style);
    proc(menu);
    if(parentmenu) {
        parentmenu->SetActiveSubmenu(&menu, item);
        menu.SetParentMenu(parentmenu);
    }
    menu.PopUp(parentmenu, p, sz);
    if(parentmenu)
        parentmenu->doeffect = false;
}
```

Quote:

Now for a couple of questions:

1) How far is Chameleon going to be extended? Currently it does not go far enough to allow creating a custom skin for an application (think WinAmp) without reproducing lots of widgets and Paint code.

Well, we wanted to support the native look first, so in this phase we concentrated just on that. I expect to refine Ch in future, it should be now relatively easy, interface is nicely extensible.

Quote:

2) Is it currently possible to override the colours that Upp reads from the OS (such as ColorLight) at run-time? I think the answer is no, but it would be very handy if you could.

ColorLight is not from the OS. But e.g.:

```
Color SColorLight();
```

is and has

```
void SColorLight_Write(Color c);
```

counterpart

Quote:

Otherwise Chameleon is a very nice interface, the use of stretchable images in particular is really, really cool.

Cheers.

Thanks. Took several iterations and a lot of thinking, but I am happy with it too. Especially how nicely it can be used to provide host native look

Mirek

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