Subject: Chameleon background/paper skinning for TopWindow
Posted by galious on Fri, 07 Feb 2014 20:33:21 GMT

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Hi,

I'm using Windows 8. In Windows 8 all U++ windows are by default shown with a black window background. Normally this wouldn't be a problem since I already set the window background in all of my. However also the dialog windows (e.g. PromptOK(...)) do show up with a black window background.

Since I do not like this, I decided to patch the TopWindow to be able to set a global background skin. I've made the following changes:

TopWindow.cpp

```
void TopWindow::Paint(Draw& w)
{
 background.Paint(w, Rect(GetSize()), SColorText, SColorShadow);
 Size sz = GetSize();
 ChPaint(w, sz, st->paper);
}

CH_STYLE(TopWindow, TopStyle, StyleDefault)
{
 paper = Null;
}

TopWindow& TopWindow::SetStyle(const TopStyle& s)
{
 st = &s;
 RefreshLayout();
 RefreshFrame();
 return *this;
}

TopWindow::TopWindow()
{
 GuiLock __;
 TransparentBackPaint();
 background = PaintRect(Single<DialogBackground>(), Null);
 center = 1;
 minsize = Size(80, 20);
 GuiPlatformConstruct();
 maximizebox = minimizebox = sizeable = tool = noclosebox = false;
 state = OVERLAPPED;
 WhenClose = THISBACK(Close);
 overlapped.Clear();
```

```
 dokeys = true;
 fullscreen = frameless = urgent = false;
 SetStyle(StyleDefault());
}
```

and in TopWindow.h

```
public:
 struct TopStyle : ChStyle<TopStyle> {
  Color paper;
 };

protected:
 const TopStyle *st;

public:
 static const TopStyle& StyleDefault();
 TopWindow&  SetStyle(const TopStyle& s);
```

This code is backwards compatible (as in that it doesn't have any new styling and just shows the old behaviour). Any chance to have this included in trunk?

Best regards,
--Martin

Subject: Re: Chameleon background/paper skinning for TopWindow
Posted by mirek on Mon, 24 Mar 2014 12:19:14 GMT
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Hi,

Adding style to TopWindow makes sense, I have improved a little bit upon your version (it does not need to be Color, Value is more flexible as it allows e.g. putting image there).

HOWEVER, the original claim that background is black is quite weird - I see no such behaviour (and I am using Win8 too, plus apps deployed do too). Have you checked with latest sources (svn/nightly build)? If yes, can you elaborate on your Win8 setup or anything that could help me reproduce this undesirable behaviour? (perhaps some screenshots would help too). Does even theide have black backgrounds?

Mirek

Subject: Re: Chameleon background/paper skinning for TopWindow

Posted by galious on Thu, 17 Apr 2014 20:10:11 GMT

Using the latest nightly it works: no black is shown anymore. The observed behaviour was with build 6688.

Best regards,
--Martin