Subject: Strange Chameleon Problem
Posted by Oblivion on Sat, 19 Jan 2008 14:54:54 GMT
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I'm working on a TabInterface class (which is derived from Quicktabs) for my dockctrl project. Bu I have a strange problem with chameleon system.

the chameleon definitions are;

in .h file:

```
#define IMAGECLASS TabInterfaceImages
#define IMAGEFILE <DockTab/DockTab.iml>
#include <Draw/iml_header.h>
...
...
 struct Style : ChStyle<Style>
 {
  int tabheight, margin, extendleft;
  Rect sel, edge;

  Value normal[4], first[4], last[4], both[4];
  Font font;
 };

 const Style*  style;

        static const Style& StyleDefault();
        TabInterface& SetStyle(const Style& s);
        const Style*  GetStyle() { return style ? style : &StyleDefault(); }
```

in .cpp file:

```
#define IMAGECLASS TabInterfaceImages
#define IMAGEFILE <DockTab/DockTab.iml>
#include <Draw/iml_source.h>
...
...
CH_STYLE(TabInterface, Style, StyleDefault)
{
CtrlsImageLook(normal, TabInterfaceImages::I_TAB, 4);
CtrlsImageLook(first, TabInterfaceImages::I_FTAB, 4);
CtrlsImageLook(last, TabInterfaceImages::I_LTAB, 4);
CtrlsImageLook(both, TabInterfaceImages::I_BTAB, 4);
}
```

The strange part is, whenever I use my own DockTab.iml file and use value with ChPaint(), I get some other ctrl images from the CtrlLib's CtrlsImg class...

My every effort to avoid this strange behaviour is failed...
Any Idea?

File Attachments

1) chproblem.jpg, downloaded 1502 times



Subject: Re: Strange Chameleon Problem
Posted by mrjt on Mon, 21 Jan 2008 11:03:29 GMT
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Aha! I had this problem, and probably for exactly the same reasons as you did, namely thinking that you could use CtrlsImageLook with other image collections.

In fact, the definition of CtrlsImageLook is:

```
Quote:void CtrlsImageLook(Value *look, int i, int n)
{
 while(n--)
  *look++ = CtrlsImg::Get(i++);
}
```

which means that whats happening is that you are passing in the index of the image in your image file, and the index is then used to look up an image in CtrlsImg.

The solution: Set all images individually or create your own TabsImageLook variant.
