
Subject: [WIN] Chameleon - blocking style changes

Posted by [Zbych](#) on Fri, 27 Dec 2013 18:15:51 GMT

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Hi,

Is there a way to block chameleon style changes when system (win32) changes it's appearance? I want to change default colors in my application, but every time system changes it's colors, my application changes them too.

Test case is simple, just run StylerTest from bazaar, set style to "StylerSkin" and then change your system style.

Subject: Re: [WIN] Chameleon - blocking style changes

Posted by [bushman](#) on Sun, 05 Jan 2014 01:49:18 GMT

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Zbych wrote on Fri, 27 December 2013 15:15Hi,

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Test case is simple, just run StylerTest from bazaar, set style to "StylerSkin" and then change your system style.

Good question! And you don't even need to change system style for that to happen: just putting your computer in standby mode (closing the lid of my laptop does it) and waking it up again is already enough to mess up with your style entirely.

Also running on windows (8.1)

Subject: Re: [WIN] Chameleon - blocking style changes

Posted by [bushman](#) on Mon, 06 Jan 2014 18:09:54 GMT

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I tried overriding WndProc to react to WM_THEMECHANGED and WM_SYSCOLORCHANGE

```
LRESULT MyApp::WindowProc(UINT message, WPARAM wParam, LPARAM lParam)
{
    switch(message) {
        case WM_SYSCOLORCHANGE:
        case WM_THEMECHANGED:
```

```
    PostCallback(THISBACK(HandleChanges));
    return FALSE;
}
return TopWindow::WindowProc(message, wParam, lParam);
}
...

void MyApp::HandleChanges()
{
    RefreshMyAppStyle(); // call custom chameleon style implementation
    RefreshLayoutDeep(); // update GUI look
}
```

I got mixed results. It works fine when waking up from standby mode, fails miserably when switching to a high contrast theme in Windows 8.1, although style gets perfectly restored when switching back from high contrast theme to previous one.

That's all I got.
tks.

Subject: Re: [WIN] Chameleon - blocking style changes

Posted by [Zbych](#) on Tue, 07 Jan 2014 15:04:15 GMT

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kropniczki wrote on Mon, 06 January 2014 19:09I tried overriding WndProc to react to WM_THEMECHANGED and WM_SYSCOLORCHANGE

Thank you very much Edson. I just added one more message that should be ignored and it looks that changes are blocked.

```
LRESULT Kiosk::WindowProc(UINT message, WPARAM wParam, LPARAM lParam)
{
    switch(message) {
        case WM_SYSCOLORCHANGE:
        case WM_THEMECHANGED:
        case WM_SETTINGCHANGE:
            return FALSE;
    }
    return TopWindow::WindowProc(message, wParam, lParam);
}
```

Subject: Re: [WIN] Chameleon - blocking style changes
Posted by [bushman](#) on Wed, 08 Jan 2014 13:26:50 GMT
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That's the missing message though! I was about to give up after dizzy hours sifting through msdn specs looking for the right msg. Sometimes you feel like a dog chasing its own tail.

It works perfectly. Thanks!

Subject: Re: [WIN] Chameleon - blocking style changes
Posted by [mirek](#) on Fri, 10 Jan 2014 14:26:38 GMT
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I have decided that because of many factors, it is not that good idea anyway to pick colors on system change, so it is now deleted and behaviour here made standard.

Mirek
