Subject: How to remove the button [X] that closes the window?
Posted by id9848949 on Mon, 02 Jan 2006 18:42:52 GMT
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i can't find any Closeable()...close button in caption does not look nice in login dialog..

Subject: Re: how to display dialog box without close button in window caption?
Posted by mirek on Mon, 02 Jan 2006 19:26:34 GMT
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Unfortunately, is does not seem possible to avoid close button in Win32 API...

Mirek

Subject: Re: how to display dialog box without close button in window caption?
Posted by id9848949 on Mon, 02 Jan 2006 20:31:40 GMT
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it looks like that mfc window without WS_SYSMENU doesn't have any buttons, i verified it with simple example; i have checked TopWindow::SyncCaption (TopWin32.cpp) function and i don't understand why TopWindow window has close button but doesn't have any system menu

Subject: Re: how to display dialog box without close button in window caption?
Posted by mirek on Mon, 02 Jan 2006 21:37:02 GMT
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Last time I checked I found Win32 behaviour quite fuzzy. I will try to experiment with this a bit ASAP.

Would you find any solution, I would be happy to add it to TopWindow....

Subject: Re: how to display dialog box without close button in window caption?
Posted by gprentice on Wed, 04 Jan 2006 06:49:49 GMT
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I suspect with WS_CAPTION there will always be a close button (and title bar) but you can grey the close button with some effort. Title bar is useful for being able to move the window around, even a login window. CreateWindowEx seems to need WS_SYSMENU to get system menu, depending on other settings.

You can find out what's on the title bar but apparently you can't change it using TITLEBARINFO.
http://msdn.microsoft.com/library/en-us/winui/winui/windowsu
serinterface/windowing/windows/windowreference/windowfunctio ns/gettitlebarinfo.asp

Graeme

Subject: Re: how to display dialog box without close button in window caption?
Posted by gprentice on Wed, 04 Jan 2006 07:18:30 GMT
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I'm wrong. It is possible to get rid of the close button and still have title bar.

Here's how to do it in VB. I'm sure it's possible in C++ too

http://www.devx.com/tips/Tip/14284

In C++ (info found on usenet)

Disable the close button

```
EnableMenuItem( GetSystemMenu( hWnd, 0 ), SC_CLOSE, MF_BYCOMMAND
|MF_DISABLED );
```

Remove the close button (I think).

```
HMENU hMenu = GetSystemMenu( hWnd, 0 );
int    nNbItems = GetMenuItemCount(hMenu);
RemoveMenu(hMenu, nNbItems - 1, MF_BYPOSITION);
RemoveMenu(hMenu, nNbItems - 2, MF_BYPOSITION);
```

And handle WM_SYSCOMMAND (SC_CLOSE) if you want also to disable [Alt]+[F4]

Graeme

Subject: How to remove the button [X] that close the window

Posted by forlano on Thu, 27 Apr 2006 22:20:56 GMT
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Hello,

I do not want my user close the window by pressing the button [X] in the top-right side of the window itself. To prevent it I've attached to the event WhenClose a callback that do nothing. It seems to work although I do not know if it is the correct way.
However I would like to let the button [X] disappear from the bar to prevent useless click. Is it possible?
Thank you

Luigi

Subject: Re: How to remove the button [X] that close the window
Posted by mirek on Thu, 27 Apr 2006 22:42:14 GMT
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Unfotunately, not really (AFAIK). That close button is there places by windows and there is a little that can be done with that.

You can work that around using popup windows, but them you have to implement all the window functionality (like caption, resizing etc) on your own, also this is impossible on Linux where popups have quite specific behaviour.

Mirek

Subject: Re: How to remove the button [X] that close the window
Posted by forlano on Thu, 27 Apr 2006 22:57:37 GMT
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luzr wrote on Fri, 28 April 2006 00:42Unfotunately, not really (AFAIK). That close button is there places by windows and there is a little that can be done with that.

Mirek

OK, I'll live with it. Please let me ask the last question.
At least is there the possibility to disable it, so that it looks a bit darker suggesting that is useless to click it?

Luigi

Subject: Re: How to remove the button [X] that close the window

Posted by mirek on Fri, 28 Apr 2006 07:18:52 GMT
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It is not directly supported by U++ (platform differences..), but google reveals that it perhaps is possible, but tricky:

http://addressof.com/blog/articles/232.aspx

Mirek

Subject: Re: How to remove the button [X] that close the window
Posted by gprentice on Fri, 28 Apr 2006 08:25:45 GMT
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See this post.

(Edit by fudadmin: url removed, topics merged.)

Disable the close button

EnableMenuItem(GetSystemMenu(hWnd, 0), SC_CLOSE, MF_BYCOMMAND |MF_DISABLED);

Remove the close button (I think).

```
HMENU hMenu = GetSystemMenu( hWnd, 0 );
int nNbItems = GetMenuItemCount(hMenu);
RemoveMenu(hMenu, nNbItems - 1, MF_BYPOSITION);
RemoveMenu(hMenu, nNbItems - 2, MF_BYPOSITION);
```

And handle WM_SYSCOMMAND (SC_CLOSE) if you want also to disable [Alt]+[F4]

Subject: Re: How to remove the button [X] that closes the window
Posted by fudadmin on Fri, 28 Apr 2006 08:39:18 GMT
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I will merge those 2 topics because they are identical...
Edit: Done.

Subject: Re: How to remove the button [X] that close the window

Posted by jlfranks on Tue, 05 Jun 2007 12:57:00 GMT
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I have the same problem -- don't want the user to see or access
the X button upper right of window in the title bar.

However, I'm using Linux. Is there any resolution to this, i.e., hide the button so user has no access to it?

--jlf

Subject: Re: How to remove the button [X] that closes the window?
Posted by sevenjay on Wed, 01 Oct 2008 03:28:13 GMT
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It can be used like this
```
class example : public WithexampleLayout<TopWindow> {
public:
 ex();
 void Close();
};

void example::Close()
{
 PromptOK("Please Login");
}
```

and the application can not be closed.

But, more one question is how to close it?
Use
```
    delete this;
```
is the method safe?

Subject: Re: How to remove the button [X] that closes the window?
Posted by bytefield on Wed, 01 Oct 2008 07:26:19 GMT
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HI, Have a look at Break and Breaker functions. These should get you out from main loop.

Subject: Re: How to remove the button [X] that closes the window?
Posted by sevenjay on Fri, 03 Oct 2008 02:33:09 GMT
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I think this is clear

```
class example : public WithexampleLayout<TopWindow> {
public:
 example();
 void Close();
 void RealClose();
};

void example::Close()
{
 PromptOK("Please Login");
}
void example::RealClose()
{
 if(PromptOKCancel("Exit MyApp?"))
  this->TopWindow::Close();
}
```

Subject: Re: how to display dialog box without close button in window caption?
Posted by jstip on Tue, 07 Jul 2020 07:05:49 GMT
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Indeed it's possible, similar as in VBA:

```
#include <Winuser.h>

HMENU hMenu = GetSystemMenu(GetHWND(),0);
RemoveMenu(hMenu, SC_CLOSE, MF_BYCOMMAND);
```

I've placed it in the GotFocus callback.

Subject: Re: how to display dialog box without close button in window caption?
Posted by mirek on Tue, 28 Jul 2020 15:54:14 GMT
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That works, but only in Win32....

Mirek
