Subject: Problem with SetTimeCallback in TrayIcon
Posted by zaurus on Sat, 28 Oct 2006 08:34:58 GMT
View Forum Message <> Reply to Message

Hi!

I have done a 'Trayicon-Application' and want to use a SetTimeCallback, but I'm getting an error during compiling the application.

C:/UPP_610/uppsrc/CtrlCore/CtrlCore.h:963: error: `void Ctrl::SetTimeCallback(int, Callback, int)' is inacces
sible

I thought TrayIcon is inherited from Ctrl, so why I cannot access SetTimeCallback? If I use the 'Class Browser' I can find SetTimeCallback in TrayIcon class.

Anything I did wrong?

Thanks for any tips or help.

Zaurus

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by fallingdutch on Sat, 28 Oct 2006 19:41:25 GMT
View Forum Message <> Reply to Message

have you seen this message:
http://www.arilect.com/upp/forum/index.php?t=msg&goto=38 80&#msg_3882

there is a blinking lable with TimeCallback, maybe that helps

Bas

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by zaurus on Sun, 29 Oct 2006 05:32:31 GMT
View Forum Message <> Reply to Message

Hi Bas!

Thanks for the link, but this is inside a Ctrl where it also works for me. I have used it in this way many times, but now I have a class inherited from TrayIcon and then SetTimeCallback seems to be not available. Even TrayIcon is inherited from Ctrl, so in my logic it should work, but I'm just a beginner in U++ and so most likely I did something wrong.

This is from the class declaration:

```
class MyClass : public TrayIcon {
public:
 typedef MyClass CLASSNAME;
 MyClass();
private:
 void OnTimer();
```

Then this in my constructor:

```
SetTimeCallback(1500, THISBACK(OnTimer));
```

And I get this error during compiling:

```
C:/UPP/uppsrc/CtrlCore/CtrlCore.h: In constructor `MyClass::MyClass()':
C:/UPP/uppsrc/CtrlCore/CtrlCore.h:936: error: `void Ctrl::SetTimeCallback(int, Callback, int)' is
inaccessibl
 e
C:\MyApps\MyClass\main.cpp:17: error: within this context
C:/UPP/uppsrc/CtrlCore/CtrlCore.h:936: error: `void Ctrl::SetTimeCallback(int, Callback, int)' is
inaccessibl
 e
C:\MyApps\MyClass\main.cpp:17: error: within this context
C:\MyApps\MyClass\main.cpp:17: error: `Ctrl' is not an accessible base of `MyClass'
```

Any ideas how to get it working?

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by fallingdutch on Sun, 29 Oct 2006 07:22:34 GMT
View Forum Message <> Reply to Message

Well for a fast hack change the line
class TrayIcon : private Ctrl
to
class TrayIcon : public Ctrl
then it should work.

@others
Why is Ctrl a private base-class of TrayIcon? I guess to hide some functions like SetRect etc - in that case it would be great to add SetTimeCallback to TrayIcon.

Bas

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by zaurus on Sun, 29 Oct 2006 08:34:07 GMT

View Forum Message <> Reply to Message

Hi!

Thanks for the hint. Seems I was a bit blind and overlooked that Ctrl is inherited as private.

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by fallingdutch on Sun, 29 Oct 2006 08:53:06 GMT
View Forum Message <> Reply to Message

No Problem

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by mirek on Sun, 29 Oct 2006 19:31:33 GMT
View Forum Message <> Reply to Message

fallingdutch wrote on Sun, 29 October 2006 02:22Well for a fast hack change the line
class TrayIcon : private Ctrl
to
class TrayIcon : public Ctrl
then it should work.

@others
Why is Ctrl a private base-class of TrayIcon? I guess to hide some functions like SetRect etc - in that case it would be great to add SetTimeCallback to TrayIcon.

Bas

Because Ctrl is used just as implementation helper. TrayIcon really is not Ctrl.

Mirek

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by fallingdutch on Sun, 29 Oct 2006 21:25:43 GMT
View Forum Message <> Reply to Message

luzr wrote on Sun, 29 October 2006 20:31
Because Ctrl is used just as implementation helper. TrayIcon really is not Ctrl.

So SetTimeCallback won't work with TrayIcon at all?

Bas

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by mirek on Mon, 30 Oct 2006 06:17:20 GMT
View Forum Message <> Reply to Message

Well, ::SetTimeCallback would. But I recommend using TimerCallback, which can be considerd "highest level" version.

Trouble with ::SetTimeCallback is that you are responsible for killing callbacks in destructor (otherwise timer would call dangling callback).

Mirek

Subject: Re: Problem with SetTimeCallback in TrayIcon
Posted by zaurus on Mon, 30 Oct 2006 15:26:25 GMT
View Forum Message <> Reply to Message

Hi Mirek!

Thanks for the explanation. I tried TimeCallback and it works fine for what I want to do.

Just to highlight in case somebody reads through the thread again. The class is TimeCallback not TimerCallback.

Zaurus