Subject: Ctrl::Quit() and system shutdown Posted by jjacksonRIAB on Wed, 29 Feb 2012 10:06:51 GMT View Forum Message <> Reply to Message

How do I override a system shutdown to prompt a user, for example, to save their files?

Quit() does not seem to be called when I do a system shutdown, log off, or reboot on either Windows or Linux.

Just using modified example code:

```
#include <CtrlLib/CtrlLib.h>
```

using namespace Upp;

```
#define IMAGECLASS Tray
#define IMAGEFILE <TrayIcon/tray.iml>
#include <Draw/iml.h>
```

```
struct App : Traylcon {
    virtual void LeftDouble() {
        lcon(Tray::lcon1());
        PromptOK("Traylcon launched this prompt!");
        lcon(Tray::lcon());
    }
    virtual void Quit() {
        PromptOK("Quitting...");
    Break();
    }
    virtual void LeftDown() {
        Info("Traylcon", "You have clicked the Traylcon!\n""Traylcon is U++ reference example.");
    }
    virtual void Menu(Bar& bar) {
        virtual void Menu(Ba
```

```
bar.Add("Info..", THISBACK(LeftDouble));
bar.Separator();
```

```
bar.Add("Exit", THISBACK(Quit));
}
```

typedef App CLASSNAME;

```
App() {
    Icon(Tray::lcon());
    Tip("This is U++ TrayIcon");
}
```

```
};
GUI_APP_MAIN
{
    App().Run();
}
```

If I shutdown, the PromptOK window never shows, but it does show when I select Exit...

Subject: Re: Ctrl::Quit() and system shutdown Posted by BioBytes on Wed, 29 Feb 2012 15:32:56 GMT View Forum Message <> Reply to Message

Hi,

EyeCare the sample of TrayIcon application is derived from TopWindow. So did you this in your code ?

```
virtual void Close() {
    PromptOK("Quitting...");
TopWindow::Close();
    //Break();
}
```

Regards Biobytes

Subject: Re: Ctrl::Quit() and system shutdown Posted by jjacksonRIAB on Wed, 29 Feb 2012 16:11:29 GMT View Forum Message <> Reply to Message

The code I posted is just another example, slightly modified:

http://www.ultimatepp.org/reference\$TrayIcon\$en-us.html

Maybe the difference is that only TopWindow-derived controls can receive WM_QUERYENDSESSION and Traylcon cannot?

I cannot call TopWindow::Close because Traylcon is not TopWindow-derived, and I cannot make it TopWindow-derived using multiple inheritance either.

Ok I created a quick TopWindow-derived app and it does interrupt shutdown. Traylcon does not receive that event.

I will embed the Traylcon in a TopWindow control and that should take care of the problem. Thanks!