
Subject: Re: trayicon and shutdown

Posted by [mirek](#) on Wed, 04 Oct 2006 08:19:14 GMT

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atmks wrote on Wed, 04 October 2006 02:40hi

i have small problem with trayicon example,
when trayicon (or eyecare) is running and i want shutdown
a computer, windows shows a window with message:

```
|End program - trayicon.exe
|-----
|
| progress bar
| #####
|
| If you choose to end program.....
|
|         -----
|         | End now |
|         -----
|
```

and 2nd message in same window

This program not responding

how can i resolv this?

bye
atmks

Actually, recently I have encountered similiar problem with TheIDE as well. Maybe something is broken with shutdown/exit code (and it is not TrayIcon related).

Just to explain, shutdown/exit code is monstrous U++ implementation feature that forces regular exit of U++ application through GUI_APP_MAIN in case of system shutdown. The problem is that Win32 simply posts a message to application, but then quits it immediately, which is a little bit problematic as you are in the WindowProc at the moment - rest of GUI_APP_MAIN is not performed in that case.

U++ therefore starts "overwatch thread" at the start of Win32 GUI app. This thread opens single off-screen window and its purpose is to keep U++ application "alive" until GUI_APP_MAIN finishes.

This extremely fragile code starts at line 82 of CtrlCore/Win32Wnd.cpp. I will look into it ASAP, but

maybe you will notice some problem there too....

Mirek
