
Subject: Multiple windows and focus

Posted by [jibe](#) on Wed, 04 Jul 2007 10:41:28 GMT

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Hi,

I need to have several windows in an application, one for each part. Those windows are created on demand, several can be opened in the same time. When I need one, it must be either created, or focus must be given to it if existing. Let's say that it's somehow similar to MS Windows' MDI apps.

I tried this :

```
#ifndef _MultiWin_MultiWin_h
#define _MultiWin_MultiWin_h
```

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

```
using namespace Upp;
```

```
class Win1 : public TopWindow {
public:
    typedef Win1 CLASSNAME;
    Win1();
    ~Win1();
    void Close();
};
```

```
class Win2 : public TopWindow {
public:
    typedef Win2 CLASSNAME;
    Win2();
    ~Win2();
    void Close();
};
```

```
class MultiWin : public TopWindow {
protected:
    MenuBar menu;
public:
    typedef MultiWin CLASSNAME;
    MultiWin();
    void MainMenu(Bar& bar);
    void Window1();
    void Window2();
};
```

```

Win1 *win1;
Win2 *win2;

#endif

#include "MultiWin.h"

MultiWin::MultiWin()
{
    Title("Test multiple windows").MinimizeBox().Sizeable();
    AddFrame(menu);
    AddFrame(TopSeparatorFrame());
    menu.Set(THISBACK(MainMenu));
}

void MultiWin::MainMenu(Bar& bar) {
    bar.Add("Window 1", THISBACK(Window1));
    bar.Add("Window 2", THISBACK(Window2));
}

void MultiWin::Window1() {
    if (win1==NULL) {
        win1=new Win1();
        win1->OpenMain();
    }
    else {
        this->LostFocus();
        win1->SetFocus();
    }
}

void MultiWin::Window2() {
    if (win2==NULL) {
        win2=new Win2();
        win2->OpenMain();
    }
    else {
        this->LostFocus();
        win2->SetFocus();
    }
}

Win1::Win1() {
    Title("Window 1").MinimizeBox().Sizeable();
}

Win1::~~Win1() {
    win1=NULL;
}

```

```

}

void Win1::Close() {
    delete this;
}

Win2::Win2() {
    Title("Window 2").MinimizeBox().Sizeable();
}

Win2::~~Win2() {
    win2=NULL;
}

void Win2::Close() {
    delete this;
}

GUI_APP_MAIN
{
    MultiWin().Run();
}

```

It works well, but when I try to re-open an existing window, it seems to get the focus but don't comes on the top of all others !

I tried a lot of things, but was unable find a solution... What can I do ? Is there a better way to do what I need to stay in "UPP spirit" ?

Thanks.