
Subject: Internationalization problem when using ctr as member of TopWindow

Posted by [westcity1973](#) on Wed, 20 Jun 2007 02:01:46 GMT

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I have studied UPP for three months, I find it is excellent. It is very easy and powerful. But when I try to use ctrs as member of Top window, it seems that the Internationalization does'nt work. My code is as follows:

```
class TransWithCtrlInTopWnd : public TopWindow {
public:
    MenuBar menu ;
    Button bt ; // a ctrl
    bool langIsChina ;

public :
    // menu handler
    void MainMenu(Bar &bar)
    {
        bar.Add(t_("Try It"), THISBACK(SubMenu)) ;
    }

    void SubMenu (Bar &bar) {
        bar.Add(t_("Menu1"), THISBACK(BlankFun) ) ;
        bar.Add(t_("Menu2"), THISBACK(BlankFun) ) ;
    }

    void BlankFun() {}

    // Button handler
    void ChangeLanguage()
    {
        // When push button, change language between english and chinese.

        langIsChina = (!langIsChina) ;

        if (langIsChina)
            SetLanguage( LNGC_('Z','H','C','N', CHARSET_UTF8) ) ;
        else
            SetLanguage(LNGC_('E','N','U','S', CHARSET_UTF8) ) ;

        menu.Set(THISBACK(MainMenu)) ; // Refresh menu
    }

public:
    typedef TransWithCtrlInTopWnd CLASSNAME;

    TransWithCtrlInTopWnd() {
        langIsChina = true ;
    }
};
```

```
AddFrame(menu) ;
menu.Set(THISBACK(MainMenu)) ;

(*this) << bt.LeftPos(5, 100).TopPos(20, 20) ;

bt.SetLabel(t_("Push Me")) ;
bt <<= THISBACK(ChangeLanguage) ;
}
};
```

And I attach my upp project file.

File Attachments

1) [TransWithCtrlInTopWnd.zip](#), downloaded 593 times

Subject: Re: Internationalization problem when using ctr as member of TopWindow
Posted by [mezise](#) on Wed, 20 Jun 2007 07:45:13 GMT

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Hi, you need to add to the application the code responsible for handling of translation file:

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

using namespace Upp;

#define TFILE <TransWithCtrlInTopWnd/my.t> // <----
#include <Core/t.h> // <----

class TransWithCtrlInTopWnd : public TopWindow {
...
}
```

PS: first click on the button changes lang to english, so you need to click twice to see chinese

Michal

Subject: Re: Internationalization problem when using ctr as member of TopWindow
Posted by [westcity1973](#) on Thu, 21 Jun 2007 03:38:52 GMT

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Thanks your help. Yes, I must include the header files.
