

Knowledge Base

Operating System: WINDOWS

Confirmed Date: 12/01/2004

Component: CA Plex-CPLEX

Release: 5.5

Fix #: QI63132

Solution No: 25

Updated Date: 01/10/2005

Solution Document

Title: SET STATE INACTIVE NOT WORKING FOR TOP LEVEL MENU ITEMS

Description :

Product: AllFusion Plex 5.5
Platform: WINXP, WIN2000
Issue no: 13728029

Problem description:

In WinC applications you cannot disable top level or parent menu items using

Set State Inactive, Event: xxxx

This is working correctly if you generate the same application in Java. Only the lowest level menu items can be disabled in this way in a WinC application.

Problem resolution:

Create a source code API which utilises the EnableMenuItem function:

```
{
    //Get Window Handle
    struct HWND__ * myhWnd = ObPanelAPI::GetPanelHandleByName("*Current");
    if ( &(2:) == ObCharFld("0") )
    {
        //Disable menu
        EnableMenuItem( GetMenu( myhWnd ),
                        &(1:),
                        MF_BYPOSITION | MF_DISABLED | MF_GRAYED );
    }
    else
    {
        //Enable menu
        EnableMenuItem( GetMenu( myhWnd ),
                        &(1:),
                        MF_BYPOSITION | MF_ENABLED );
    }
    //Call DrawMenuBar to force greyed out/enabled state
    DrawMenuBar( myhWnd );
}
```

Parameter &(1:) is the number of the menu item. Create a numeric field with values from 0 to n. 0 will be the first menu item on a panel. Parameter &(2:) is a boolean value. Create a Character field with values 0 and 1.

For submenu items you can use the following:

```
{
    struct HWND__ * myhWnd = ObPanelAPI::GetPanelHandleByName("*Current");

    struct HMENU__ * hMenu = GetMenu( myhWnd );
    if ( &(3:) == ObCharFld("0") )
    {
        //Disable submenu
        EnableMenuItem( GetSubMenu ( hMenu, &(1:)),
                        &(2:),
                        MF_BYPOSITION | MF_DISABLED | MF_GRAYED
                    );
    }
    else
```

```
{  
    //Enable submenu  
    EnableMenuItem( GetSubMenu ( hMenu, &(1:)),  
                   &(2:),  
                   MF_BYPOSITION | MF_ENABLED );  
}
```

Parameter &(1:) is the menu numbern (0 to n).
Parameter &(2:) is the sub menu number (0 to n).
Parameter &(3:) is the boolean value (0 or 1).

Solutions

Solution(s)

QI63132.txt

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