
Subject: Re: [BUG?] X11 (at least OSX) Menus displayed under TopWindow, owner=RootWindow

Posted by [dolik.rce](#) on Sat, 30 Apr 2011 18:20:29 GMT

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mirek wrote on Sat, 30 April 2011 19:07: I have to admit I am little bit lost about what code change required...

Could you provide complete SetFocus0 please?

Mirek

I understand, I had trouble finding the fix in this thread as well

```
bool Ctrl::SetFocus0(bool activate)
```

```
{
    GuiLock __;
    if(IsUsrLog())
        UsrLogT(6, String().Cat() << "SETFOCUS " << Desc(this));
    LLOG("Ctrl::SetFocus " << Desc(this));
    LLOG("focusCtrlWnd " << UPP::Name(focusCtrlWnd));
    LLOG("Ctrl::SetFocus0 -> deferredSetFocus = NULL; was: " << UPP::Name(deferredSetFocus));
    deferredSetFocus = NULL;
    if(focusCtrl == this) return true;
    if(!IsOpen() || !IsEnabled() || !IsVisible()) return false;
    Ptr<Ctrl> pfocusCtrl = focusCtrl;
    Ptr<Ctrl> topwindow = GetTopWindow();
    Ptr<Ctrl> topctrl = GetTopCtrl();
    Ptr<Ctrl> _this = this;
    if(!topwindow) topwindow = topctrl;
    LLOG("SetFocus -> SetWndFocus: topwindow = " << UPP::Name(topwindow) << ", focusCtrlWnd = " << UPP::Name(focusCtrlWnd));
    if(!topwindow->HasWndFocus() && !topwindow->SetWndFocus()) return false; // cxi 31.1.2004
    if(activate) topctrl->SetWndForeground(); // <- this line changed
    LLOG("SetFocus -> focusCtrl = this: " << FormatIntHex(this) << ", _this = " << FormatIntHex(~_this) << ", " << UPP::Name(_this));
    focusCtrl = _this;
    focusCtrlWnd = topwindow;
    DoKillFocus(pfocusCtrl, _this);
    LLOG("SetFocus 2");
    DoDeactivate(pfocusCtrl, _this);
    DoSetFocus(pfocusCtrl, _this, activate);
    if(topwindow)
        lastActiveWnd = topwindow;
    return true;
}
```

Tested on OpenBSD+gcc4.2 and Linux+gcc4.6, seems to work fine on both...

Honza
