
Subject: BUG: Key states incorrectly cleared on Ubuntu

Posted by [mrjt](#) on Tue, 10 Nov 2009 15:14:06 GMT

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I've noticed a problem with key handling on Ubuntu 8.04 when the 'Appearance->Visual Effects' setting is on 'Normal Effects'. The keyboard state gets cleared when the mouse is clicked, preventing the use of key modifiers like K_CTRL and stopping multi-selection from working.

The problem appears on all Upp apps, including the 2008.1 version of Thelde. I've also tested it with a svn version from about a week ago.

I have found a solution, but I am unsure whether it will cause any undesirable side effects, since I'm not sure why ClearKbdState_ is being called in TakeFocus at all.

In TakeFocus (X11Wnd.cpp, line 839) change:

```
ClearKbdState_();  
if(IsEnabled() && IsVisible() && top->window != GetXServerFocusWindow())  
    SetWndFocus();  
to:  
if(IsEnabled() && IsVisible() && top->window != GetXServerFocusWindow()) {  
    ClearKbdState_();  
    SetWndFocus();  
}
```

It's very annoying that different settings on the same window manager can change it's X event profile!

Subject: Re: BUG: Key states incorrectly cleared on Ubuntu

Posted by [mirek](#) on Tue, 10 Nov 2009 22:21:59 GMT

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mrjt wrote on Tue, 10 November 2009 10:14 I've noticed a problem with key handling on Ubuntu 8.04 when the 'Appearance->Visual Effects' setting is on 'Normal Effects'. The keyboard state gets cleared when the mouse is clicked, preventing the use of key modifiers like K_CTRL and stopping multi-selection from working.

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    ClearKbdState_();  
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OK. Obviously, ClearKbdState_ is called to prevent some similar undesirable effects of various WM... It is obviously strange that TakeFocus gets called so much often.

Anyway, I goes there really is nothing wrong with calling it only for focus really changing.. Applied.

Mirek
