
Subject: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Mon, 08 Jun 2009 12:29:11 GMT
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When I put the cursor at, for example, the start of a word, hold shift and left-click on a new location, I would expect to select the text in between?

Apparently this is not Thelde's behaviour;

Feature require: add this behaviour

(to test, try gedit on linux or notepad on windows, or even any text field in any browser)

Greetings,

Jan

Subject: Re: Cursor select behaviour; feature request
Posted by [jeremy_c](#) on Mon, 08 Jun 2009 13:52:56 GMT
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This is working for me, I am using the latest from SVN sources, however (as of yesterday at least).

Jeremy

Subject: Re: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Mon, 08 Jun 2009 14:50:42 GMT
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I'm using today's SVN sources, it's not working for me on Ubuntu 8.04 (GNOME), not tested on windows

Subject: Re: Cursor select behaviour; feature request
Posted by [gxi117](#) on Tue, 09 Jun 2009 13:31:36 GMT
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I test that for Ubuntu9.04,it is work for me.

Subject: Re: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Tue, 09 Jun 2009 20:33:16 GMT
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I must conclude that it's some local problem, I'll retest in my next SVN build, but I think we should, mark the issue as a 'works for me', speaking in bugzilla terms

Subject: Re: Cursor select behaviour; feature request
Posted by [mirek](#) on Thu, 11 Jun 2009 17:15:13 GMT

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Anything special about your ubuntu box?

Mirek

Subject: Re: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Fri, 12 Jun 2009 08:38:25 GMT

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Well I have a weird AGP VGA card (the bios says, at bootup: 'not for production use'

But I havn't seen other problems like this with any other programs.

I've also installed 'Compiz Fusion' but again, i'm only seeing this problem in Thelde.

I will try to rule out some of these 'oddities'

Greetings,

Jan

Subject: Re: Cursor select behaviour; feature request
Posted by [mirek](#) on Sun, 14 Jun 2009 19:52:16 GMT

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skyhawk wrote on Fri, 12 June 2009 04:38Well I have a weird AGP VGA card (the bios says, at bootup: 'not for production use'

But I havn't seen other problems like this with any other programs.

I've also installed 'Compiz Fusion' but again, i'm only seeing this problem in Thelde.

I will try to rule out some of these 'oddities'

Greetings,

Jan

It is also possible that you are doing "something else" then the rest of us... Like chossing some special places to click etc...

Maybe some screenshots?

Mirek

Subject: Re: Cursor select behaviour; feature request

Posted by [janwilmans](#) on Sun, 14 Jun 2009 21:22:11 GMT

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I can reproduce the behaviour only with the System->Administration->Hardware drivers->"NVidia accelerated graphics drivers" enabled. If I disable it, thelde works as excepted...

will try to make some screenshot tomorrow

Subject: Re: Cursor select behaviour; feature request

Posted by [mirek](#) on Sun, 14 Jun 2009 21:30:12 GMT

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skyhawk wrote on Sun, 14 June 2009 17:22I can reproduce the behaviour only with the System->Administration->Hardware drivers->"NVidia accelerated graphics drivers" enabled. If I disable it, thelde works as excepted...

will try to make some screenshot tomorrow

Sounds like another Compiz trouble

Very likely, it just looks like not being selected, but it is just visual artifact. Maybe you can try to delete it or hide & restore window to find out.

Mirek

Subject: Re: Cursor select behaviour; feature request

Posted by [mirek](#) on Mon, 15 Jun 2009 09:26:24 GMT

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Well, I believe it is now fixed.

I think that the difference was that any slight move of cursor after shift-click canceled the

selection.

Mirek

Subject: Re: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Mon, 15 Jun 2009 15:19:52 GMT

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I've build the svn head revision at 15-06-09 14:20.

I'm not seeing any difference, I have also confirmed it is not only a visual effect, the text is actually not selected (tested with ctrl-c, ctrl-v)

This is what happens when I click and drag over text:

What I am seeing is, that this 'selecting' does not work using shift-click. Placing the cursor before the text and clicking after the text while holding shift, should give the same result as click-and-drag over that text.

As said, I can only reproduce this with the 'nvidia hardware drivers' enabled.

File Attachments

1) [after_click_and_drag.jpg](#), downloaded 993 times

Subject: Re: Cursor select behaviour; feature request
Posted by [andrei_natanael](#) on Mon, 15 Jun 2009 21:44:00 GMT

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Hi, i have also a nvidia card on my laptop (not on AGP) but i'm not having any problem with text selection. Maybe an upgrade will solve your problem

info01:00.0 VGA compatible controller: nVidia Corporation GeForce 9300M GS (rev a1)

Subsystem: Acer Incorporated [ALI] Device 015e

Flags: bus master, fast devsel, latency 0, IRQ 16

Memory at ce000000 (32-bit, non-prefetchable) [size=16M]

Memory at d0000000 (64-bit, prefetchable) [size=256M]

Memory at cc000000 (64-bit, non-prefetchable) [size=32M]

I/O ports at 2000 [size=128]

Capabilities: [60] Power Management version 3

Capabilities: [68] Message Signalled Interrupts: Mask- 64bit+ Queue=0/0 Enable-

Capabilities: [78] Express Endpoint, MSI 00

Capabilities: [100] Virtual Channel <?>
Capabilities: [128] Power Budgeting <?>
Capabilities: [600] Vendor Specific Information <?>
Kernel driver in use: nvidia
Kernel modules: nvidia, nvidiafb

Subject: Re: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Tue, 16 Jun 2009 07:17:00 GMT
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An upgrade would probably mask the problem alright, but since it is not just a visual effect and it does not happen in other programs except Thelde, it still looks like a genuine bug to me. How to catch it, I don't know

lspci -v reports: (this is an AGP card though)

02:00.0 VGA compatible controller: nVidia Corporation G70 [GeForce 7300 GT] (rev a1) (prog-if 00 [VGA controller])
Subsystem: Foxconn International, Inc. Unknown device 0f0c
Flags: bus master, fast devsel, latency 0, IRQ 23
Memory at f6000000 (32-bit, non-prefetchable) [size=16M]
Memory at c0000000 (64-bit, prefetchable) [size=256M]
Memory at f5000000 (64-bit, non-prefetchable) [size=16M]
I/O ports at cc00 [size=128]
[virtual] Expansion ROM at f7de0000 [disabled] [size=128K]
Capabilities: [60] Power Management version 2
Capabilities: [68] Message Signalled Interrupts: Mask- 64bit+ Queue=0/0 Enable-
Capabilities: [78] Express Endpoint IRQ 0

Here I have performed the same 'place cursor', 'move mouse', 'shift+left-click' action on Thelde and gedit.

(jan: [edit]: it said 'shift+right-click here, but that was wrong, left-click gets this effect for me)

Gr,

Jan

File Attachments

1) [selection.jpg](#), downloaded 703 times

Subject: Re: Cursor select behaviour; feature request
Posted by [Sender Ghost](#) on Tue, 16 Jun 2009 09:25:53 GMT

skyhawk wrote on Tue, 16 June 2009 09:17

Here I have performed the same 'place cursor', 'move mouse', 'shift+right-click' action on Thelde and gedit.

Gr,

Jan

Hello, Jan.

In the first post on this topic you said about left mouse click instead of right mouse click. I guess, you think of EditField behaviour (CtrlLib/EditField.cpp):

```
void EditField::RightDown(Point p, dword keyflags)
{
    keep_selection = true;
    MenuBar::Execute(THISBACK(MenuBar));
    SetFocus();
    keep_selection = false;
}
```

The AssistEditor have LineEdit behaviour (CtrlLib/LineEdit.cpp):

```
void LineEdit::RightDown(Point p, dword flags)
{
    mpos = GetMousePos(p);
    SetWantFocus();
    int l, h;
    if(!GetSelection(l, h) || mpos < l || mpos >= h)
        PlaceCaret(mpos, false);
    MenuBar::Execute(WhenBar);
}
```

The fix maybe as follows (also for DocEdit):

```
void LineEdit::RightDown(Point p, dword flags)
{
    mpos = GetMousePos(p);
    MenuBar::Execute(WhenBar);
    SetWantFocus();
    int l, h;
    if(!GetSelection(l, h) || mpos < l || mpos >= h)
        PlaceCaret(mpos, false);
}
```

Subject: Re: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Tue, 16 Jun 2009 09:56:22 GMT
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Sorry about the confusion, I ment to say left-click!
I will edit the post to avoid futher confusion

Subject: Re: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Tue, 16 Jun 2009 10:34:01 GMT
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I did some debugging of theide in theide using the code-hits you gave me, Mirek:

```
void LineEdit::LeftDown(Point p, dword flags) {  
    mpos = GetMousePos(p);  
    int l, h;  
    if(GetSelection(l, h) && mpos >= l && mpos < h) {  
        selclick = true;  
        return;  
    }  
    PlaceCaret(mpos, flags & K_SHIFT);  
    SetWantFocus();  
    SetCapture();  
}
```

here GetSelection return false for me, in GetSelection() anchor == -1.

(for the shift-left-click behind the selection)

This seems to fix my problem:

```
void LineEdit::LeftDown(Point p, dword flags) {  
    mpos = GetMousePos(p);  
    int l, h;  
    GetSelection(l, h);  
    if (mpos >= l) { // && mpos < h) {  
        selclick = true;  
        return;  
    }  
  
    PlaceCaret(mpos, flags & K_SHIFT);  
    SetWantFocus();  
    SetCapture();  
}
```

because GetSelection() returns false sometimes and l = h = cursor happens then. I also had to

chuck out the mpos < h check which would otherwise fail ofcourse

I don't know what other things this will break

Greetings,

Jan

Subject: Re: Cursor select behaviour; feature request
Posted by [janwilmans](#) on Sat, 20 Jun 2009 13:56:46 GMT

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Mirek,

Is this information sufficient for you to fix this issue?

Greetings,

Jan

Subject: Re: Cursor select behaviour; feature request
Posted by [mirek](#) on Sun, 21 Jun 2009 18:17:46 GMT

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skyhawk wrote on Tue, 16 June 2009 06:34I did some debugging of theide in theide using the code-hits you gave me, Mirek:

```
void LineEdit::LeftDown(Point p, dword flags) {  
    mpos = GetMousePos(p);  
    int l, h;  
    if(GetSelection(l, h) && mpos >= l && mpos < h) {  
        selclick = true;  
        return;  
    }  
    PlaceCaret(mpos, flags & K_SHIFT);  
    SetWantFocus();  
    SetCapture();  
}
```

here GetSelection return false for me, in GetSelection() anchor == -1.

(for the shift-left-click behind the selection)

Yep, that is correct. The 'if' branch detects click on selection, which is handled differently (can initiate drag&drop).

It is true that there should perhaps be another K_SHIFT check (with SHIFT, D&D should not start).

Quote:

```
void LineEdit::LeftDown(Point p, dword flags) {  
    mpos = GetMousePos(p);  
    int l, h;  
    GetSelection(l, h);  
    if (mpos >= l) { // && mpos < h) {  
        selclick = true;  
        return;  
    }
```

```
PlaceCaret(mpos, flags & K_SHIFT);  
SetWantFocus();  
SetCapture();  
}
```

because GetSelection() returns false sometimes and l = h = cursor happens then. I also had to chuck out the mpos < h check which would otherwise fail ofcourse

I don't know what other things this will break

D&D

Mirek
