Subject: Using SizeGrip on StatusBar locks mouse on Kubuntu Linux
Posted by Tom1 on Tue, 11 Mar 2008 15:23:53 GMT
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Hi,

It appears that using the SizeGrip on StatusBar to resize a TopWindow locks mouse on the whole X desktop on Kubuntu Linux. I do not know about other window managers. The only way out is to log in on a text console and kill the process in question. Then the mouse becomes operational again.

// Tom

Subject: Re: Using SizeGrip on StatusBar locks mouse on Kubuntu Linux
Posted by mirek on Wed, 12 Mar 2008 13:37:49 GMT
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Tom1 wrote on Tue, 11 March 2008 11:23Hi,

It appears that using the SizeGrip on StatusBar to resize a TopWindow locks mouse on the whole X desktop on Kubuntu Linux. I do not know about other window managers. The only way out is to log in on a text console and kill the process in question. Then the mouse becomes operational again.

// Tom

Which U++ version? There was a related SizeGrip fix not long ago.

Please make sure this is what you have in CtrlLib/ScrollBar.cpp:

```
void SizeGrip::LeftDown(Point p, dword flags)
{
 TopWindow *q = dynamic_cast<TopWindow *>(GetTopCtrl());
 if(!q || q->IsMaximized() || !q->IsSizeable()) return;
#ifdef PLATFORM_WIN32
 HWND hwnd = q->GetHWND();
 p = GetMousePos() - q->GetRect().TopLeft();
 if(hwnd) {
  ::SendMessage(hwnd, WM_SYSCOMMAND, 0xf008, MAKELONG(p.x, p.y));
  ::SendMessage(hwnd, WM_LBUTTONUP, 0, MAKELONG(p.x, p.y));
 }
#endif
#ifdef PLATFORM_X11
 if(_NET_Supported().Find(XAtom("_NET_WM_MOVERESIZE")) >= 0) {
  XUngrabPointer(Xdisplay, CurrentTime); // 2008-02-25 cxl/mdelfe... compiz fix... who has
grabbed it anyway?...
```

```
  XClientMessageEvent m;
  m.type = ClientMessage;
  m.serial = 0;
  m.send_event = XTrue;
  m.window = q->GetWindow();
  m.message_type = XAtom("_NET_WM_MOVERESIZE");
  m.format = 32;
  p = GetMousePos();
  m.data.l[0] = p.x;
  m.data.l[1] = p.y;
  m.data.l[2] = 4;
  m.data.l[3] = 0;
  m.data.l[4] = 0;
  XSendEvent(Xdisplay, Xroot, 0, SubstructureNotifyMask|SubstructureRedirectMask,
          (XEvent*)&m);
 }
#endif
}
```

(the critical line is the one with XUngrabPointer and comment...)

Mirek

Subject: Re: Using SizeGrip on StatusBar locks mouse on Kubuntu Linux
Posted by Tom1 on Thu, 13 Mar 2008 09:53:29 GMT
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OK, I updated to SVN.181 and this problem disappeared. Sorry to bother you and thanks Mirek!

// Tom
