Subject: [BUG & Patch] TopWindow::CenterRect under X11 may lead to crash!!!
Posted by Klugier on Sat, 24 Aug 2013 23:26:31 GMT
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Hello,

I have noticed that method TopWindow::CenterRect can creat window outside screen. This behaviour can lead to crash on some windows managers like Kwin.

What we need to do is omit the code that is calculating absolut center position if new window is partially or fully outside screen. So the new "if" look like this:

```
if (p.x <= wr.Width() && p.y <= wr.Height()) {
   // Find the absolut position of new window
   // ....
}
```

I enclosed corrected source file (CtrlCore/X11Top.cpp).

Sincerley,
Klugier

File Attachments
1) X11Top.cpp, downloaded 542 times

Subject: Re: [BUG & Patch] TopWindow::CenterRect under X11 may lead to crash!!!
Posted by mirek on Sun, 25 Aug 2013 09:42:42 GMT
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Thanks, applied.

Mirek

Subject: Re: [BUG & Patch] TopWindow::CenterRect under X11 may lead to crash!!!
Posted by Klugier on Fri, 30 Aug 2013 11:27:16 GMT
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Hello,

It seems that new ctrl center algorithm (under X11) may crash when we use empty workspace (Multi monitor mode).

I made one cosmetic change. Now, TopWindow::CenterRect should be 99% safe under X11.

Sincerely,
Klugier

File Attachments

1) X11Top.cpp, downloaded 472 times

Subject: Re: [BUG & Patch] TopWindow::CenterRect under X11 may lead to crash!!!
Posted by mirek on Sun, 01 Sep 2013 16:58:40 GMT
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Applied.

Mirek

Subject: Re: [BUG & Patch] TopWindow::CenterRect under X11 may lead to crash!!!
Posted by Klugier on Sun, 01 Sep 2013 23:04:36 GMT
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Hello Mirek,

Thanks for update. The last bug from this branch concerns windows deformation. The recognision algorithm isn't perfect on X11 as you can see. Let's expand our algorithm! Hear is new line (CtrlCore/X11Top.cpp - 242):

```
if (p.x + sz.cx <= wr.Width() && p.y + sz.cy <= wr.Height()) {
```

I enclose expanded source file.

P.S.
It is definitely end of improvement to TopWindow::CenterRect method under X11.

Sincerely,
Klugier

File Attachments

1) X11Top.cpp, downloaded 480 times

Subject: Re: [BUG & Patch] TopWindow::CenterRect under X11 may lead to crash!!!
Posted by mirek on Tue, 03 Sep 2013 18:06:11 GMT
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Applied as well...

Mirek