Subject: Assertion in GridCtrl on Linux
Posted by Novo on Wed, 11 Feb 2009 04:37:14 GMT

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Assertion in GridCtrl on Linux x86_64 (Ubuntu 7.10, UPP revision 848).
It happens when I'm trying to move mouse over a GridCtrl. Actually, it happens when I'm trying to move mouse over cells, which have a tooltip (or cells, which are right to cells with a tooltip). Moving over regular cells doesn't cause problems.

This application is working pretty normal in Windows x86.

Theoretically, that shouldn't be a problem with my code.

Does somebody have any idea about this assertion?

sPanicMessageBox (title=0x86e8ed "Fatal error", text=0x7fff9be41050 "Assertion failed in /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp, line 362\n!IsChild() && !IsOpen()\n") at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11App.cpp:185
Upp::PanicMessageBox (title=0x86e8ed "Fatal error", text=0x7fff9be41050 "Assertion failed in /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp, line 362\n!IsChild() && !IsOpen()\n") at /home/ssg/dvlp/cpp/upp/svn/uppsrc/Core/Util.cpp:30
Upp::AssertFailed (file=0x862c28 "/home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp", line=362, cond=0x862c09 "!IsChild() && !IsOpen()") at /home/ssg/dvlp/cpp/upp/svn/uppsrc/Core/Util.cpp:99
Upp::Ctrl::Create (this=0x7fff9be4a338, owner=0x7fff9be44730, redirect=true, savebits=true) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp:362
Upp::Ctrl::PopUp (this=0x7fff9be4a338, owner=0x7fff9be492f8, savebits=true, activate=false) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp:487
Upp::GridPopUp::PopUp (this=0x7fff9be4a338, owner=0x7fff9be492f8, x=564, y=403, width=190, height=20) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/GridCtrl/GridCtrl.cpp:7586
Upp::GridCtrl::MouseMove (this=0x7fff9be492f8, p=@0x7fff9be41f20, keyflags=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/GridCtrl/GridCtrl.cpp:1922
Upp::GridPopUp::MouseMove (this=0x7fff9be4a338, p=@0x7fff9be41fa0, flags=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/GridCtrl/GridCtrl.cpp:7567
Upp::Ctrl::MouseEvent (this=0x7fff9be4a338, event=32, p=@0x7fff9be421b0, zdelta=0, keyflags=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:110
Upp::Ctrl::MouseEventH (this=0x7fff9be4a338, event=32, p=@0x7fff9be42300, zdelta=0, keyflags=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:87
Upp::Ctrl::MEvent0 (this=0x7fff9be4a338, e=32, p=@0x7fff9be42460, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:283
Upp::Ctrl::DispatchMouseEvent (this=0x7fff9be4a338, e=32, p=@0x7fff9be426d0, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:524
Upp::Ctrl::DispatchMouse (this=0x7fff9be4a338, e=32, p=@0x7fff9be42830, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:503
Upp::Ctrl::Create (this=0x7fff9be4a338, owner=0x7fff9be44730, redirect=true, savebits=true) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp:407
Upp::Ctrl::PopUp (this=0x7fff9be4a338, owner=0x7fff9be492f8, savebits=true, activate=false) at

/home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp:487
Upp::GridPopUp::PopUp (this=0x7fff9be4a338, owner=0x7fff9be492f8, x=564, y=403, width=190, height=20) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/GridCtrl/GridCtrl.cpp:7586
Upp::GridCtrl::MouseMove (this=0x7fff9be492f8, p=@0x7fff9be42d80, keyflags=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/GridCtrl/GridCtrl.cpp:1922
Upp::CtrlsHolder::MouseMove (this=0x7fff9be49480, p=@0x7fff9be42e10, flags=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/GridCtrl/GridCtrl.h:203
Upp::Ctrl::MouseEvent (this=0x7fff9be49480, event=32, p=@0x7fff9be43020, zdelta=0, keyflags=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:110
Upp::Ctrl::MouseEventH (this=0x7fff9be49480, event=32, p=@0x7fff9be43170, zdelta=0, keyflags=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:87
Upp::Ctrl::MEvent0 (this=0x7fff9be49480, e=32, p=@0x7fff9be432d0, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:283
Upp::Ctrl::DispatchMouseEvent (this=0x7fff9be49480, e=32, p=@0x7fff9be43420, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:524
Upp::Ctrl::DispatchMouseEvent (this=0x7fff9be492f8, e=32, p=@0x7fff9be43580, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:524
Upp::Ctrl::DispatchMouseEvent (this=0x2aaaaaab21c0, e=32, p=@0x7fff9be436e0, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:524
Upp::Ctrl::DispatchMouseEvent (this=0x2aaab0aac098, e=32, p=@0x7fff9be43840, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:524
Upp::Ctrl::DispatchMouseEvent (this=0x7fff9be450c8, e=32, p=@0x7fff9be439a0, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:524
Upp::Ctrl::DispatchMouseEvent (this=0x7fff9be45530, e=32, p=@0x7fff9be43b00, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:524
Upp::Ctrl::DispatchMouseEvent (this=0x7fff9be44730, e=32, p=@0x7fff9be43d80, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:524
Upp::Ctrl::DispatchMouse (this=0x7fff9be44730, e=32, p=@0x7fff9be44200, zd=0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/CtrlMouse.cpp:503
Upp::Ctrl::EventProc (this=0x7fff9be44730, w=@0x2aaab0b21420, event=0x7fff9be445a0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Proc.cpp:366
Upp::TopWindow::EventProc (this=0x7fff9be44730, w=@0x2aaab0b21420, event=0x7fff9be445a0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/TopWinX11.cpp:53
Upp::Ctrl::ProcessEvent (event=0x7fff9be445a0) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp:227
Upp::Ctrl::EventLoop (ctrl=0x7fff9be44730) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/X11Wnd.cpp:337
Upp::TopWindow::Run (this=0x7fff9be44730, appmodal=false) at /home/ssg/dvlp/cpp/upp/svn/uppsrc/CtrlCore/TopWindow.cpp:301
GuiMainFn_ () at /home/ssg/dvlp/cpp/sergey/upp/PythagorasSquare/main.cpp:1106
main (argc=1, argv=0x7fff9be4d368, envptr=0x7fff9be4d378) at /home/ssg/dvlp/cpp/sergey/upp/PythagorasSquare/main.cpp:1104

Subject: Re: Assertion in GridCtrl on Linux
Posted by unodgs on Wed, 11 Feb 2009 07:13:11 GMT

Hi!
I didn't test tooltips in x11, but IMO they should work in linux, as u++ provides the same api in both systems ;)Unfortunately there are some differences in handling popup windows in win32 and x11 so I'll try to take a look at it and fix it.

Subject: Re: Assertion in GridCtrl on Linux
Posted by sergeynikitin on Thu, 12 Feb 2009 01:41:06 GMT

I have same problem with popups in linux (http://www.ultimatepp.org/forum/index.php?t=msg&goto=196 14&#msg_19614)
.
When I looked in UBUNTU debuger in my program then noticed that GridCtrl twice opens popup window, and once it closes. Maybe in this case. Himself, I understand it was not possible.

I change GridCtrl.cpp file to disable tooltips and any popups. I hope that in next versions this problem is go away.

Subject: Re: Assertion in GridCtrl on Linux
Posted by unodgs on Tue, 17 Feb 2009 21:25:32 GMT

sergeynikitin wrote on Wed, 11 February 2009 20:41I have same problem with popups in linux (http://www.ultimatepp.org/forum/index.php?t=msg&goto=196 14&#msg_19614)
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When I looked in UBUNTU debuger in my program then noticed that GridCtrl twice opens popup window, and once it closes. Maybe in this case. Himself, I understand it was not possible.

I change GridCtrl.cpp file to disable tooltips and any popups. I hope that in next versions this problem is go away.

I have added your patch to disable popups (sorry for taking it so long). Just type grid.Popups(false) to disable popups.
I'm in the process of restoring my linux - so popups on x11 should be fixed soon.

Subject: Re: Assertion in GridCtrl on Linux
Posted by sergeynikitin on Thu, 19 Feb 2009 03:18:26 GMT

I read that last SVN succeeded resolve the multiple opening popup. Therefore, this problem may be already solved itself.

Subject: Re: Assertion in GridCtrl on Linux
Posted by unodgs on Fri, 20 Feb 2009 08:46:18 GMT
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I have finally compiled theide under archlinux and then tested newest grid and the problem with popups still exists. I will fix it ASAP.

Subject: Re: Assertion in GridCtrl on Linux
Posted by unodgs on Fri, 20 Feb 2009 09:20:44 GMT
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Ok fixed and in svn. Tomorrow I'll commit one more fix related to popups (closing popup when start resizing column and displaying heder popup in incorrect postition when scrollbar is moved down)

Subject: Re: Assertion in GridCtrl on Linux
Posted by sergeynikitin on Fri, 20 Feb 2009 12:18:27 GMT
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Great!.This is good news.

What version of SVN that was?

Subject: Re: Assertion in GridCtrl on Linux
Posted by unodgs on Fri, 20 Feb 2009 12:45:24 GMT
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I don't remeber Just follow revision description (Fixed popup crash).

Subject: Re: Assertion in GridCtrl on Linux
Posted by sergeynikitin on Fri, 20 Feb 2009 14:02:25 GMT
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Thanks!

Subject: Re: Assertion in GridCtrl on Linux
Posted by Novo on Sat, 21 Feb 2009 22:15:44 GMT

unodgs wrote on Fri, 20 February 2009 04:20Ok fixed and in svn. Tomorrow I'll commit one more fix related to popups (closing popup when start resizing column and displaying heder popup in incorrect postition when scrollbar is moved down)

Thanks a lot! Popups are working pretty fine now.

Subject: Re: Assertion in GridCtrl on Linux
Posted by unodgs on Sun, 22 Feb 2009 13:43:57 GMT

Please sync your svn once again. I did fixes I wrote about 2 days ago + popups are synchornized when doing wheel scrolling.