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Welcome, Phil Weinstein

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Case
00314858

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Case Detail   (Create new cases on the homepage)

Specifics

Case type	Bug		
Product	Qt	**Version**	4.8.5
Platform	Windows 7	**Compiler**	Visual Studio 2010
		Device	

Description

Subject Click on Submenu QAction is often ignored (dropped) after "cutting the corner" with mouse pointer.

Description With Qt 4.8.5 on Windows 7, we're having a problem with the operation of submenus. This looks to be a race condition resulting from changes added to Qt 4.7 in an attempt to address QTBUG-20094 ("[Regression] Other submenus pop open when navigating to submenu items"), but it is not the dysfunction described by that bug. (BTW, I see that QTBUG-20094 is still open). This is what we're seeing:

Often, after quickly "cutting the corner" to a submenu, the subsequent mouse click (press and release) on a QAction -- instead of triggering the QAction -- is just re-showing the submenu. Sometimes some flicker is apparent; the submenu remains visible, and a subsequent click does successfully trigger the QAction.

This menu reshowing is happening on the mouse press event (see stack excerpt below). On the subsequent mouse release event, the submenu has no "current action", so nothing happens.

Mouse press stack excerpt:

(7) QtGuid4.dll!QMenu::aboutToShow() Line 160
(6) QtGuid4.dll!QMenu::popup(const QPoint& p, QAction* atAction) Line 1823
(5) QtGuid4.dll!QMenu::internalDelayedPopup() Line 3036
(4) QtGuid4.dll!QMenuPrivate::popupAction(QAction*, int delay, bool activateFirst) Line 502
(3) QtGuid4.dll!QMenuPrivate::setCurrentAction(QAction*, int popup, QMenuPrivate::SelectionReason, bool) Line 595

(2) QtGuid4.dll!QMenuPrivate::setCurrentAction(QAction*, int popup, QMenuPrivate::SelectionReason, bool) Line 566
(1) QtGuid4.dll!QMenu::mousePressEvent(QMouseEvent*) Line 2324

I did post this information in the QTBUG-20094 discussion area ... https://bugreports.qt-project.org/browse/QTBUG-20094 ... (but, by the way, we're now seeing that our dysfunction is happening for regular non-subclassed QActions. It has nothing to do with our application-level mechanisms involving complex dynamic submenu building).

Additional Information

Status	Open	**Date/Time Opened**	10/21/2013 9:17 PM
		Date/Time Closed	

Case Comments

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Comment

Created By: System User (10/24/2013 7:25 PM)
********* EMAIL MESSAGE *********
Subject: Re: Click on Submenu QAction is often ignored (dropped) after "cutting the corner" with mouse pointe [ref:_00D70MgDW._50070WiI49:ref]
****
Andy, the attached MP4 movie (5284Demo.mp4, no sound, 684 KB)
demonstrates this problem (_00D70MgDW._50070WiI49).

1. File >> Reopen Model >> "cut corner" to submenu ... Click: NOTHING
(bug).
2. ... (optional: another move within that submenu) ... Click: Good.
3. File >> Reopen Model >> "clean" move to submenu ... Click: Good.

Please let me know if we need to convey this file to you some other way.

Created By: System User (10/23/2013 11:41 PM)
********* EMAIL MESSAGE *********
Subject: Re: Click on Submenu QAction is often ignored (dropped) after "cutting the corner" with mouse pointe [ref:_00D70MgDW._50070WiI49:ref]
****
Thank you Andy. That Qt patch did not fix the problem. We will prepare
and send you a little video to demonstrate the problem.

Phil Weinstein
CADSWES

On 10/22/2013 11:20 AM, "Qt Support" <qt.support@digia.com> wrote:
> Hi Phil,
>
>> We did not see this problem with Qt 4.6.3, but DO see it with Qt 4.8.4 and Qt
>> 4.8.5.
> Thanks for the report, I am not 100% sure how to reproduce it locally though I have tried to replicate it in some form I am not certain I am

doing it correctly. Having said that I have a patch for you to try, can you see if this helps your case? If it does not then can you clarify what it is you do exactly to reproduce the problem? Thanks.
>
> Regards,
> Andy
> --
> Andy Shaw
> Support Engineer - Digia, Qt
>
> Join us at Qt Developer Days 2013 – The Premier Qt Event of the Year
> Oct 7 - 9 Berlin, Germany | Nov 6 - 8 San Francisco, CA, USA
> New to Qt? Decision maker? Not too techie? *New tracks this year* 'Starter Edition' – Berlin | 'Why Qt' – San Francisco
> http://qt.digia.com/qtdeveloperdays/
>
>
> ref:_00D70MgDW._50070WiI49:ref

Created By: Andy Shaw (10/22/2013 7:20 PM)
********* EMAIL MESSAGE *********
Subject: RE: Click on Submenu QAction is often ignored (dropped) after "cutting the corner" with mouse pointe [ref:_00D70MgDW._50070WiI49:ref]
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Regards,
Andy
--
Andy Shaw
Support Engineer - Digia, Qt

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ref:_00D70MgDW._50070WiI49:ref

Created By: Phil Weinstein (10/21/2013 9:19 PM)
We did not see this problem with Qt 4.6.3, but DO see it with Qt 4.8.4 and Qt 4.8.5.

Attachments   Attach File   View All   (Create new cases on the homepage)

File Name	Size	Last Modified	Created By
5284Demo.mp4	684KB	10/24/2013 7:30 PM	Phil Weinstein

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