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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:
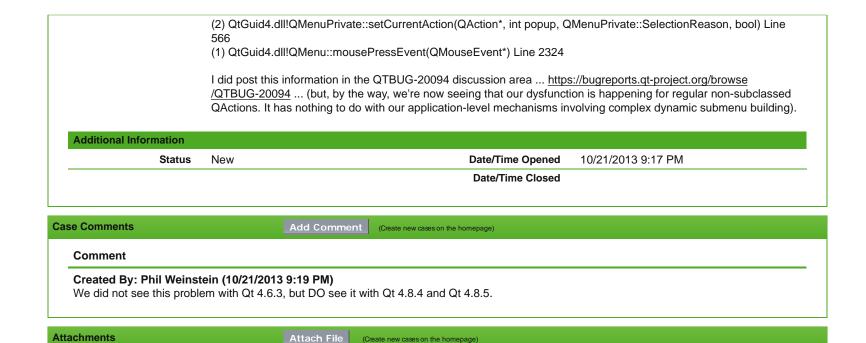
(7) QtGuid4.dll!QMenu::aboutToShow() Line 160
(6) QtGuid4.dll!QMenu::popup(const QPoint& p, QAction* atAction) Line 1823
(5) QtGuid4.dll!QMenu::internalDelayedPopup() Line 3036
(4) QtGuid4.dll!QMenuPrivate::popupAction(QAction*, int delay, bool activateFirst) Line 502
(3) QtGuid4.dll!QMenuPrivate::setCurrentAction(QAction*, 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	New	**Date/Time Opened**	10/21/2013 9:17 PM
		Date/Time Closed	

Case Comments

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Comment

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

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