

## QGIS Application - Bug report #20131

### [3d] Navigation in 3d map and locked left click

2018-10-17 11:59 AM - Saber Razmjooei

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	3D	
<b>Affected QGIS version:</b>	3.3(master)	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 27952
<b>Description</b>		
<p>It happens a lot of times, when panning (using left-click and drag) the map gets stuck and panning does not work any more.</p> <p>After using a combination of other keys and clicks it eventually gets unlocked but it after a couple of attempts, it gets locked again.</p> <p>Here is my example project:</p> <p><a href="https://www.dropbox.com/s/emqb4zj7792qzmo/3d_navigation_left_click.zip">https://www.dropbox.com/s/emqb4zj7792qzmo/3d_navigation_left_click.zip</a></p>		

#### Associated revisions

##### Revision fbde0c87 - 2018-11-06 05:23 PM - Martin Dobias

[3d] fix camera controller using wrong shift/ctrl status (fixes #20131)

We used Qt3DInput::QLogicalDevice with its axes and actions for camera controller, but over time this got quite impractical, moreover we started to have problems with shift/ctrl actions getting stuck in wrong state in case they were pressed or released while 3D canvas was not focused (which is in fact relatively common when using other widgets in the GUI)

This commit switches over to using just QMouseHandler and QKeyboardHandler for handling key and mouse events and this not only makes the code easier to read, but also the issues with shift/ctrl go away (because we do not keep their status anymore, we just check whether they are active inside event handlers).

The speed of change with mouse wheel and keys should be similar or a bit less than what it was before.

##### Revision 7c4708e0 - 2018-11-22 01:06 PM - Martin Dobias

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(cherry picked from commit fbde0c8752740358fdb9bf9c232f72badfa1e87b)

## History

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### #1 - 2018-11-06 05:22 PM - Martin Dobias

- *% Done changed from 0 to 100*
- *Status changed from Open to Closed*

Applied in changeset commit:qgis|fbde0c8752740358fdb9bf9c232f72badfa1e87b.