

QGIS Application - Bug report #1451

High usage of CPU when moving mouse over map canvas

2008-12-08 11:18 AM - Martin Dobias

Status:	Closed	
Priority:	Low	
Assignee:		
Category:	GUI	
Affected QGIS version:	master	Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: worksforme
Crashes QGIS or corrupts data:	No	Copied to github as #: 11511
Description		
<p>When you move mouse over map canvas (with any tool, e.g. panning), you can see high CPU usage by QGIS application.</p> <p>The problem is related to updates of coordinates shown in status bar - if extent is being shown instead of coordinates, CPU usage is very low.</p> <p>I think it has something to do with layout management in status bar...</p> <p>Using ubuntu, Qt 4.3.4.</p>		

History

#1 - 2009-07-12 08:16 AM - Giovanni Manghi

What is the status of this problem? Since the ticket was posted something changed?

With qgis 1.2 from trunk, Ubuntu 9.04 and a bunch of vectors/raster opened in the project the cpu for the qgis process rarely passed 50 when panning, zooming, etc.

#2 - 2009-08-06 06:15 PM - Steven Mizuno

It appears that QLabel is doing a lot of work to paint the new values. Perhaps using a QLineEdit control would be better. The [[CoordinateCapture]] tool has two such controls, plus it does coordinate transforms, and its CPU utilization isn't any more (actually less in my testing on Windows) than the mouse cursor position control.

#3 - 2011-03-04 01:32 AM - Paolo Cavallini

Confirmed with commit:f5b1607e (SVN r15261)

#4 - 2011-04-16 10:15 AM - Anne Ghisla

I can't confirm with commit:f8e10a33 (SVN r15725), qt 4.7.1 on Fedora. CPU usage by QGIS is mainly under 10% while panning and zooming on a medium complex layer, both with coordinates or extent in the status bar.

Is there any other factor that can trigger this CPU consumption?

#5 - 2011-04-16 05:13 PM - Martin Dobias

The problem is still there. Ubuntu, Qt 4.7.0.

It is not necessary to pan/zoom a layer. This happens even with empty canvas - just moving the mouse over it keeps the processor busy more than one would expect. Still happens only when showing the current coordinates, not the extent.

#6 - 2011-12-16 01:58 PM - Giovanni Manghi

- *Target version changed from Version 1.7.0 to Version 1.7.4*

#7 - 2012-04-16 06:22 AM - Paolo Cavallini

- *Affected QGIS version set to master*

- *Crashes QGIS or corrupts data set to No*

- *Target version changed from Version 1.7.4 to Version 1.8.0*

#8 - 2012-09-04 12:04 PM - Paolo Cavallini

- *Target version changed from Version 1.8.0 to Version 2.0.0*

#9 - 2014-06-28 07:37 AM - Jürgen Fischer

- *Target version changed from Version 2.0.0 to Future Release - Lower Priority*

#10 - 2015-06-05 01:29 PM - Saber Razmjooei

- *Status changed from Open to Feedback*

- *Assignee deleted (nobody -)*

- *Pull Request or Patch supplied set to No*

Can't reproduce in master.

Time to close this!

#11 - 2015-10-19 02:56 AM - Jürgen Fischer

- *Status changed from Feedback to Closed*

- *Resolution set to worksforme*

closing for the lack of feedback.