QGIS Application - Bug report #1313
scale indication changes in unexpected amounts on map canvas resize

2008-09-13 04:38 PM - Steven Mizuno

Status:	Closed		
Priority:	Low		
Assignee:	Marco Hugentobler		
Category:	Map Canvas		
Affected QGIS version:		**Regression?:**	No
Operating System:	All	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	fixed
Crashes QGIS or corrupts data:		**Copied to github as #:**	11373

Description

When the map canvas size is changed by QGIS window being resized or splitter bar movement the indicated scale gradually decreases for a while, then jumps to a larger scale while dragging the mouse. In a somewhat similar way, decreasing the canvas width results in a scale value which stays the same for a while and then jumps to a smaller scale.

I have found that [[QgsScaleCalculator]]::calculate() uses integer divide on the canvas width, dpi values as they are both integers. This calculation should be in floating point.

The patch attached uses an explicit cast to double for both values to fix this problem.

History

#1 - 2008-09-15 12:08 AM - Marco Hugentobler

- Resolution set to fixed

- Status changed from Open to Closed

Applied to svn trunk with small modification (mDpi is already double in current svn version).

Thanks!

Marco

#2 - 2009-08-22 12:57 AM - Anonymous

Milestone Version 1.0.0 deleted

Files

patch_for_1313.txt	514 Bytes	2008-09-13	Steven Mizuno