

QGIS Application - Bug report #4121

MSVC: build fails due to "'fabs' : ambiguous call to overloaded function"

2011-07-31 07:40 PM - Alister Hood

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Build/Install	
Affected QGIS version:		Regression?: No
Operating System:	Windows (MSVC)	Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 14102
Description		
In trunk after the new "point pattern" and "line pattern" symbol layer types were added, the build fails like this: <pre>2>..\..\..\qgis.git\src\core\symbology-ng\qgsfillsymbollayerv2.cpp(445) : error C2668: 'fabs' : ambiguous call to overloaded function 2> C:\Program Files\Microsoft Visual Studio 9.0\VC\include\math.h(557): could be 'long double fabs(long double)' 2> C:\Program Files\Microsoft Visual Studio 9.0\VC\include\math.h(509): or 'float fabs(float)' 2> C:\Program Files\Microsoft Visual Studio 9.0\VC\include\math.h(119): or 'double fabs(double)' 2> while trying to match the argument list '(int)'</pre> Something like this fixes it: <pre>diff --git "a/C:\DOCUME~1\ALISTE~1\HOO\LOCALS~1\Temp\qgsFD6.cpp" "b/C:\OSGeo4W\building\qgis.git\src\core\symbology-ng\qgsfillsymbollayerv2.cpp" index 8e29a65..cc49756 100644 --- "a/C:\DOCUME~1\ALISTE~1\HOO\LOCALS~1\Temp\qgsFD6.cpp" +++ "b/C:\OSGeo4W\building\qgis.git\src\core\symbology-ng\qgsfillsymbollayerv2.cpp" @@ -437,7 +442,7 @@ void QgsLinePatternFillSymbolLayer::startRender(QgsSymbolV2RenderContext& conte //find a suitable multiple of width and heigh - QImage patternImage(fabs(width), height, QImage::Format_ARGB32); + QImage patternImage(fabs((double)width), height, QImage::Format_ARGB32); patternImage.fill(0); QPainter p(&patternImage); p.setRenderHint(QPainter::Antialiasing, true);</pre>		

History

#1 - 2011-08-01 02:45 AM - Jürgen Fischer

- Status changed from Open to Closed

fixed in commit:678549fb11c3202c9a29a43ece360ec13c05e67e