

QGIS Application - Bug report #3960

QgsSearchTreeNode fails to handle regex string correctly.

2011-06-06 06:14 PM - Nathan Woodrow

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:		
Affected QGIS version:		Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 13964
Description		
If using regex string in a QgsSearchTreeNode and QgsSearchString the parser fails to recognize the regex string correctly. Example running the following in the QGIS Python console: <pre>qgis.console.clearConsole() layer = qgis.utils.iface.mapCanvas().currentLayer() search = QgsSearchString() search.setString("LandUseCode ~ '\\d{2}'") tree = search.tree() tree.makeSearchString() rightnode = tree.Right() value = rightnode.valueAgainst(layer.pendingFields(),layer.selectedFeatures()[0]) value.string()</pre> yields: <pre>>>> layer = qgis.utils.iface.mapCanvas().currentLayer() >>> search = QgsSearchString() >>> search.setString("LandUseCode ~ '\\d{2}'") True >>> tree = search.tree() >>> tree.makeSearchString() PyQt4.QtCore.QString(u'(LandUseCode ~ ?{2}')) >>> rightnode = tree.Right() >>> value = rightnode.valueAgainst(layer.pendingFields(),layer.selectedFeatures()[0]) >>> value.string() PyQt4.QtCore.QString(u'?{2}') >>> >>></pre> The \\d part of the regex is replaced with a ? and this trips up the checkAgainst() method of QgsSearchTreeNode.		

History

#1 - 2011-06-08 04:29 PM - Nathan Woodrow

- Status changed from Open to Closed

It seems you need to use `\\\\` with regex in Qt. So this is not really a bug and I'm going to close it.