

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	
<p>If using regex string in a QgsSearchTreeNode and QgsSearchString the parser fails to recognize the regex string correctly.</p> <p>Example running the following in the QGIS Python console:</p> <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> <p>yields:</p> <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> <p>The \\d part of the regex is replaced with a ? and this trips up the checkAgainst() method of QgsSearchTreeNode.</p>	

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.