

QGIS Application - Bug report #7491

PyQGIS - Add delimited Table as QGisVectorLayer behaviour on Windows systems

2013-04-02 08:42 AM - Martin Jung

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Python plugins	
Affected QGIS version:	master	Regression?: No
Operating System:	Windows	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 16442
Description		
<p>Hi, i tried to add a comma-separated file (csv) as table to QGIS.</p> <p>The following example works without issues on Linux systems (QGIS dev):</p> <pre>fileName = vectorPath # the path to the csv fileInfo = QFileInfo(fileName) baseName = fileInfo.baseName() uri = fileName+"?delimiter=%s" % (",") # ; as separator vlayer = QgsVectorLayer(uri, baseName, "delimitedtext") if not vlayer.isValid(): QMessageBox.warning(QDialog(),"Warning","Failed to add the Layer to QGis") QgsMapLayerRegistry.instance().addMapLayer(vlayer)</pre> <p>However using QGIS dev on Windows XP always results in an invalid layer ("Failed to add the Layer to QGIS"), while QGIS 1.8 simply crashes ("Error Message: QGIS.bin has to be closed").</p> <p>Did i stumble upon a bug or is the procedure to add tables to QGIS different on Windows systems?</p>		

History

#1 - 2013-04-02 12:28 PM - Jürgen Fischer

Did you enable the delimited text plugin?

#2 - 2013-04-02 02:00 PM - Martin Jung

No, i didn't before.

I just tested it and it has no influence on the errors (QGIS 1.8 still crashing on WIN XP -> qgis.exe has found an Error | QGIS dev returns the messagebox that the layer is not valid.)

#3 - 2013-04-02 05:24 PM - Jürgen Fischer

Martin Jung wrote:

No, i didn't before.

I just tested it and it has no influence on the errors (QGIS 1.8 still crashing on WIN XP -> qgis.exe has found an Error | QGIS dev returns the messagebox that the layer is not valid.)

use uri = "file://" + fileName + "?delimiter=%s" % (";") # ; as separator

#4 - 2013-04-03 12:58 AM - Martin Jung

- Status changed from Open to Closed

Ahh, that fixed it. Thanks!

#5 - 2013-04-15 05:26 PM - Chris Crook

One safe way of building the url for the delimited text plugin is to use QUrl...

```
url = QUrl.fromLocalFile(filename)
url.addQueryItem('delimiter',';')
url.addQueryItem('xField','longitude')
url.addQueryItem('yField','latitude')
layer_uri=QString.fromAscii(url.toEncoded())
vlayer=QgsVectorLayer(layer_uri,"My layer","delimitedtext")
```