

QGIS Application - Bug report #11274

File path encoding in "delimitedtext"-Provider

2014-09-26 04:14 AM - I h_

Status: Closed	
Priority: Normal	
Assignee:	
Category: Data Provider/Delimited Text	
Affected QGIS version: 2.4.0	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: wontfix
Crashes QGIS or corrupts data: No	Copied to github as #: 19572

Description

Hello,

I have a problem with the path encoding of the "delimitedtext"-Provider - as soon as the file path has a special character the following error-message occurs:

"File cannot be opened or delimiter parameters are not valid"

Here is the code:

```
@uri = u"file://" + unicode(fileName) + u"?delimiter={0}&xField={1}&yField={2}&crs=epsg:4326&spatialIndex=yes".format(",", "longitude", "latitude")
```

```
self.__csvLayer = QgsVectorLayer(uri, "my_csv_layer", "delimitedtext")@
```

History

#1 - 2014-10-04 12:54 AM - Alexander Bruy

- Category set to Data Provider/Delimited Text
- Status changed from Open to Feedback

Please be more specific, which "special" characters? Does it also failed when you load this file via QGIS GUI?

#2 - 2015-02-04 02:49 AM - I h_

Special character could be an ä - any non english letter...

#3 - 2015-02-05 01:50 AM - I h_

It doesn't fail in the GUI... I think the URI-Constructor of the QgsVectorlayer isn't used there. Our plugin is also written in Python, maybe the problem is there?

#4 - 2015-02-05 02:03 AM - Giovanni Manghi

- Status changed from Feedback to Open

#5 - 2015-02-05 11:44 PM - Minoru Akagi

You need to convert unicode characters to ascii (URL encoding).

```
from PyQt4.QtCore import QUrl

filename = u"D:\\\\[?]??.csv"
url = QUrl.fromLocalFile(filename)
url.setQueryItems([["delimiter", ","], ["key2", "value2"]])

url.toEncoded() # -> PyQt4.QtCore.QByteArray('file:///E:/%E3%83%86%E3%82%B9%E3%83%88.csv?delimiter=,&key2=value2')

layer = QgsVectorLayer(unicode(url.toEncoded()), "layername", "delimitedtext")
```

#6 - 2015-02-06 03:43 AM - Minoru Akagi

last comment has been modified.

wrong: url.toString()

right: unicode(url.toEncoded())

#7 - 2016-01-20 02:28 AM - Alexander Bruy

- Status changed from Open to Closed

- Resolution set to fixed/implemented

This is not a QGIS bug, plugin should take care about handling non-ASCII characters. Please reopen if necessary

#8 - 2016-01-20 02:28 AM - Alexander Bruy

- Resolution changed from fixed/implemented to wontfix