

QGIS Application - Bug report #10705

Symbology based on a field from a CSV join (plus CSVT) does not render

2014-06-24 12:58 PM - Vitor George

Status: Closed	
Priority: Normal	
Assignee:	
Category: Symbology	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: No	Copied to github as #: 19098

Description

new description:

the issue arises when doing a join with a csv+csvt, not when using just the csv.

Moreover the crash is solved on qgis master, but any symbology based on a joined field (from csv+csvt) does not work (the classes are created but not rendered).

Hi,

I'm trying apply graduated style to a vector layer create from a shapefile joined to a csv, but the program is crashing.

Sample data:

<https://dl.dropboxusercontent.com/u/3291375/qgis-bug/sample-data.zip>

These are the steps to reproduce:

- 1) Add the csv and shapefile layers to a new project;
- 2) Open vector layer properties, join layers using 'Cod_setor' and 'CD_GEOCODI' fields and apply;
- 3) Go to styles area. Select 'Graduated' style, column 'censo-2010-sp-data_V009' and click 'Ok'.

The program will crash, both in Windows and OSX. It worked in previous versions of QGIS.

Backtrace attached is for OSX 1.7.5 installed from Kingkhaos package .

History

#1 - 2014-06-25 02:39 AM - Giovanni Manghi

- Status changed from Open to Feedback

Olá Vitor,

this is strange because on Linux and Windows (tested on both 2.2 and master) that field should not be available for graduated symbology as it is "string" and not a number. On Mac is available?

Anyway in the symbology tab instead of choosing directly the field for classification you can click on the expression builder icon and create an expression like

```
toreal( "censo-2010-sp-data_V009" )
```

and this will work, with no crashes.

Please test (QGIS master if you can) and report back. Thanks.

#2 - 2014-06-25 03:04 AM - Giovanni Manghi

weird, if I open the project you attached (some of) the joined fields are numeric (double/int), not sure how you achieved that. Maybe it is me that I don't know how to do it :) anyway even using your project, on qgis master, no crash.

#3 - 2014-06-26 08:49 AM - Vitor George

- File censo-2010-sp-data.csvt.csv added

Ciao Giovanni,

Thanks for your solution, it works now. But I still think it is a bug because the field is indeed a number type and it should style it properly.

I created a .csvt file (attached) to enforce field type, and results are the same.

Another problem is that the second field ("Nome_do_municipio") is defined as "Double" in QGIS, besides being declared as "String" in the .csvt file.

#4 - 2014-06-26 08:53 AM - Vitor George

- File censo-2010-sp-data.csvt added

Sorry, I've not uploaded the correct .csvt file.

#5 - 2014-06-26 09:30 AM - Giovanni Manghi

- Target version changed from Version 2.2 to Future Release - High Priority
- Category changed from Data Provider/Delimited Text to Symbology
- Subject changed from Crashes when styling a shapefile with a joined csv file to Symbology based on a field from a CSV join (plus CSVT) does not render
- Status changed from Feedback to Open
- Affected QGIS version changed from 2.2.0 to master
- OS version deleted (1.7.5)
- Operating System deleted (OSX)

Vitor George wrote:

Ciao Giovanni,

Thanks for your solution, it works now. But I still think it is a bug because the field is indeed a number type and it should style it properly.

I created a .csvt file (attached) to enforce field type, and results are the same.

| Another problem is that the second field ("Nome_do_municipio") is defined as "Double" in QGIS, besides being declared as "String" in the .csvt file.

So the issue arises when using a csv+csvt, not when using just the csv.

Moreover the crash is solved on qgis master, but any symbology based on a joined field (from csv+csvt) does not work (the classes are created but not rendered).

#6 - 2016-06-09 09:12 PM - Nyall Dawson

- Resolution set to fixed/implemented
- Status changed from Open to Closed

Not reproducible in master

Files

backtrace.txt	84.5 KB	2014-06-24	Vitor George
censo-2010-sp-data.csvt.csv	138 Bytes	2014-06-26	Vitor George
censo-2010-sp-data.csvt	138 Bytes	2014-06-26	Vitor George