

## QGIS Application - Bug report #6897

### Broken import of simple marker line

2012-12-19 04:55 AM - Alexander Bruy

<b>Status:</b>	Closed	
<b>Priority:</b>	Severe/Regression	
<b>Assignee:</b>	Arunmozhi P	
<b>Category:</b>	Symbology	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>	all	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 16022
<b>Description</b>  Symbol layer "Marker line" import is broken, both for lines and polygons outline. Point markers and SVG fills works fine. See attached screenshots: <ul style="list-style-type: none"><li>- correct_import_18.png — import in 1.8.0</li><li>- broken_import_master.png — same symbols imported in master</li></ul> To test use attached symbol: put vegetation_grounds folder in SVG search path and then try to import styles from test.xml. Tagged as High because it works fine in previous version and this is major issue in using complex styles		

#### Associated revisions

**Revision 8b981975 - 2012-12-27 04:18 PM - Arunmozhi**

Fixes #6897

**Revision be315746 - 2012-12-27 11:29 PM - Nathan Woodrow**

Merge pull request #368 from tecoholic/6897

Fixes #6897. Handle import of old symbols.

#### History

**#1 - 2012-12-19 05:22 AM - Giovanni Manghi**

is this a regression?

**#2 - 2012-12-19 05:25 AM - Alexander Bruy**

Giovanni Manghi wrote:

| *is this a regression?*

I think yes. It works fine in 1.8.0 and 1.7.x. Not sure, but seems this introduced by GSoC work

**#3 - 2012-12-19 05:36 AM - Giovanni Manghi**

- Priority changed from High to Severe/Regression

anyway seems really a regression, so I'm tagging this as blocker.

#### #4 - 2012-12-19 09:52 PM - Arunmozhi P

The issue is with the new nesting technique of the symbols. Previously the only a single level of nesting was possible, the XML structure was modified to accommodate multiple nesting.

Hence the symbols with nesting, like the marker line, in version before GSoC (guess < 1.8) will be incompatible with the code after GSoC (I guess 1.9) But export and import done only in 1.8 or only in 1.9 should work fine.

#### #5 - 2012-12-19 09:55 PM - Arunmozhi P

I am testing the uniqueness of the problem for "Marker Line" though. Will update.

#### #6 - 2012-12-20 01:14 PM - Arunmozhi P

Here is a python script that someone can use for cross importing the symbols from old installations to the new. <https://gist.github.com/4344168>

#### #7 - 2012-12-20 11:48 PM - Alexander Bruy

Arunmozhi P wrote:

| Here is a python script that someone can use for cross importing the symbols from old installations to the new. <https://gist.github.com/4344168>

Thanks! But seems this script don't understand cyrillic symbols in XML. Just tried to convert style from first post and get error

```
$ python symbol_convert.py test.xml
Traceback (most recent call last):
  File "symbol_convert.py", line 62, in <module>
    convertXMLStructure( sys.argv[1] )
  File "symbol_convert.py", line 30, in convertXMLStructure
    indom = parse( filepath )
  File "/usr/lib/python2.7/xml/dom/minidom.py", line 1920, in parse
    return expatbuilder.parse(file)
  File "/usr/lib/python2.7/xml/dom/expatbuilder.py", line 924, in parse
    result = builder.parseFile(fp)
  File "/usr/lib/python2.7/xml/dom/expatbuilder.py", line 207, in parseFile
    parser.Parse(buffer, 0)
xml.parsers.expat.ExpatError: not well-formed (invalid token): line 4, column 24
```

Line 4 looks like

```
<symbol alpha="1" name="Болота проходимые_100к" outputUnit="MM" type="fill">
```

#8 - 2012-12-27 02:29 PM - Nathan Woodrow

- Status changed from Open to Closed

Fixed in changeset commit:"be3157462aabe680c623f3daf39ef44cbd774b5c".

Files			
test.zip	2.17 KB	2012-12-19	Alexander Bruy
correct_import_18.png	4.07 KB	2012-12-19	Alexander Bruy
broken_import_master.png	8.6 KB	2012-12-19	Alexander Bruy