

# QGIS Application - Bug report #8069

## Ftools random points: a python error

2013-06-15 05:13 AM - Filipe Dias

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Processing/QGIS	
<b>Affected QGIS version:</b> master	<b>Regression?:</b>
<b>Operating System:</b>	<b>Easy fix?:</b>
<b>Pull Request or Patch applied:</b> Yes	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 16908
<b>Description</b>	
Steps to reproduce	
Vector	
Random points	
Use value from input field (in this case "id" which is NULL)	
Define output	
Run	
Python error:	
An error has occurred while executing Python code:	
Traceback (most recent call last):	
File "/usr/share/qgis/python/plugins/fTools/tools/doRandPoints.py", line 124, in accept	
self.randomize(inLayer, outPath, minimum, design, value)	
File "/usr/share/qgis/python/plugins/fTools/tools/doRandPoints.py", line 225, in randomize	
add = ( 100.00 - 70.00 ) / len(points)	
ZeroDivisionError: float division by zero	
Python version:	
2.7.3 (default, Aug 1 2012, 05:25:23)	
[GCC 4.6.3]	
QGIS version:	
1.9.0-Master Master, exported	
Python path: ['/usr/share/qgis/python/plugins/sextante', '/usr/share/qgis/python', '/home/fd/.qgis2/python',	
'/home/fd/.qgis2/python/plugins', '/usr/share/qgis/python/plugins', '/usr/lib/python2.7', '/usr/lib/python2.7/plat-linux2',	
'/usr/lib/python2.7/lib-tk', '/usr/lib/python2.7/lib-old', '/usr/lib/python2.7/lib-dynload', '/usr/local/lib/python2.7/dist-packages',	
'/usr/lib/python2.7/dist-packages', '/usr/lib/python2.7/dist-packages/PIL', '/usr/lib/python2.7/dist-packages/gst-0.10',	
'/usr/lib/python2.7/dist-packages/gtk-2.0', '/usr/lib/pymodules/python2.7', '/usr/lib/python2.7/dist-packages/ubuntu-sso-client',	
'/usr/lib/python2.7/dist-packages/ubuntuone-client', '/usr/lib/python2.7/dist-packages/ubuntuone-control-panel',	
'/usr/lib/python2.7/dist-packages/ubuntuone-couch', '/usr/lib/python2.7/dist-packages/ubuntuone-installer',	
'/usr/lib/python2.7/dist-packages/ubuntuone-storage-protocol', '/usr/lib/python2.7/dist-packages/wx-2.8-gtk2-unicode',	
'/usr/share/qgis/python/plugins/fTools/tools']	

### Associated revisions

Revision 1ebdb696 - 2013-07-11 12:12 AM - Daniel Vaz

Fix #8069

**Revision 1ed5d62b - 2013-07-11 02:33 AM - Daniel Vaz**

Fix #8069

**Revision 62b30fca - 2013-07-11 03:02 AM - Daniel Vaz**

Fix #8069

**Revision 56210eb0 - 2013-07-11 03:11 AM - Nathan Woodrow**

Merge pull request #711 from ddanielvaz/bugfixes

Bugfixes for fTools.

Fix #8218

Fix #8069

Fix #7073

## History

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**#1 - 2013-06-15 05:14 AM - Filipe Dias**

- *Operating System set to Linux*
- *OS version set to Ubuntu 12.04*

**#2 - 2013-06-15 05:40 AM - Filipe Dias**

Im using the latest version before the SIP update.

**#3 - 2013-06-15 06:23 AM - Giovanni Manghi**

- *Status changed from Open to Feedback*

Filipe Dias wrote:

| *Im using the latest version before the SIP update.*

then you should re-test after updating, the code of the core python plugins have already been changed, so testing not the latest revision does not make sense anyway.

**#4 - 2013-06-15 06:30 AM - Giovanni Manghi**

- *OS version deleted (Ubuntu 12.04)*
- *Status changed from Feedback to Open*
- *Target version set to Version 2.0.0*
- *Operating System deleted (Linux)*

If you choose a column with no values (and it should have something to work) then the error is the one you report.

Anyway on the latest revision it fails with

An error has occurred while executing Python code:

Traceback (most recent call last):

```
File "/usr/share/qgis/python/plugins/ftools/tools/doRandPoints.py", line 94, in accept
  if outPath.contains("\\\\"):
AttributeError: 'unicode' object has no attribute 'contains'
```

AttributeError: 'unicode' object has no attribute 'contains'

Python version:

2.7.3 (default, Aug 1 2012, 05:25:23)

[GCC 4.6.3]

even when choosing a column that makes sense.

#### #5 - 2013-06-15 06:37 AM - Filipe Dias

Of course it should not be empty. But a warning message should be displayed (e.g. The selected field has NULL values) instead of a Python error.

#### #6 - 2013-06-15 01:50 PM - Giovanni Manghi

Hi Filipe,

Filipe Dias wrote:

*Of course it should not be empty. But a warning message should be displayed (e.g. The selected field has NULL values) instead of a Python error.*

yes of course, that situation would need to be trapped, but that is not would not be enough to make this a blocker. On the other hand the tools nows fail anyway so after all this is really a regression.

#### #7 - 2013-06-16 03:41 AM - Matthias Kuhn

- Priority changed from Severe/Regression to Normal

The error (unicode object has no attribute contains) should be resolved. I will leave it open for the missing check for suitable values and an appropriate warning.

#### #8 - 2013-07-09 05:01 PM - Daniel Vaz

- Status changed from Open to Closed

- % Done changed from 0 to 100

Fixed in <https://github.com/ddanielvaz/Quantum-GIS/commit/801cde9d9418b8c25a070b8f5bee02cef324e57e>

**#9 - 2013-07-10 01:05 AM - Giovanni Manghi**

- Status changed from Closed to In Progress
- Pull Request or Patch supplied changed from No to Yes

**#10 - 2013-07-10 01:11 AM - Filipe Dias**

Yes it's better to close the ticket only when the pull request is merged. Thanks for fixing this Daniel.

**#11 - 2013-07-10 04:54 AM - Daniel Vaz**

Sorry about closing the bug...

**#12 - 2013-07-10 06:11 PM - Nathan Woodrow**

- Status changed from In Progress to Closed

Fixed in changeset commit:"56210eb0b5c7914d246b1c82ad48e676b00b6557".

**#13 - 2017-05-01 01:21 AM - Giovanni Manghi**

The "ftools" category is being removed from the tracker, changing the category of this ticket to "Processing/QGIS" to not leave the category orphaned.

**Files**

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test.zip	1.05 KB	2013-06-15	Filipe Dias
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