# QGIS Application - Bug report #14311
## Processing `Create test` error

2016-02-16 08:09 AM - Paolo Cavallini

| | | | |
|---|---|---|---|
| **Status:** | Closed | | |
| **Priority:** | Normal | | |
| **Assignee:** | Victor Olaya | | |
| **Category:** | Processing/Core | | |
| **Affected QGIS version:** | master | **Regression?:** | No |
| **Operating System:** | | **Easy fix?:** | No |
| **Pull Request or Patch supplied:** | | **Resolution:** | |
| **Crashes QGIS or corrupts data:** | No | **Copied to github as #:** | 22301 |

**Description**

Create test from Processing history throws an error here:

An error has occurred while executing Python code:

AttributeError: 'NoneType' object has no attribute 'ReadAsArray'
Traceback (most recent call last):
  File "/usr/share/qgis/python/plugins/processing/gui/HistoryDialog.py",
line 128, in createTest
    TestTools.createTest(item.entry.text)
  File "/usr/share/qgis/python/plugins/processing/gui/TestTools.py",
line 167, in createTest
    strhash = hashlib.sha224(dataset.ReadAsArray(0).data).hexdigest()
AttributeError: 'NoneType' object has no attribute 'ReadAsArray'

**Associated revisions**

**Revision 23802eb5 - 2016-02-21 01:16 PM - Matthias Kuhn**

Add file comparison for HTML output to processing test generator

Refs #14311

**History**

**#1 - 2016-02-16 08:25 AM - Matthias Kuhn**

Hi Paolo,

Can you execute the following commands in a python console:

import gdal
from osgeo.gdalconst import GA_ReadOnly
ds = gdal.Open('/path/to.tiff', GA_ReadOnly)
print(ds)

**#2 - 2016-02-16 08:42 AM - Paolo Cavallini**

<osgeo.gdal.Dataset; proxy of <Swig Object of type 'GDALDatasetShadow *' at 0x7feac4e9c5d0> >

**#3 - 2016-02-18 04:04 AM - Matthias Kuhn**

Which algorithm, dataset, parameters have you been trying?

**#4 - 2016-02-18 08:43 AM - Paolo Cavallini**

e.g.

processing.runalg("qgis:basicstatisticsfornumericfields","/home/paolo/Scrivania/corso_analisi/QGIS_data/processing/html/census_boundaries.shp","POP 000",None)

IndexError: list index out of range
Traceback (most recent call last):
  File "/usr/share/qgis/python/plugins/processing/gui/HistoryDialog.py", line 128, in createTest
    TestTools.createTest(item.entry.text)
  File "/usr/share/qgis/python/plugins/processing/gui/TestTools.py", line 160, in createTest
    token = tokens[i - len(alg.outputs)]
IndexError: list index out of range

**#5 - 2016-02-21 05:04 AM - Matthias Kuhn**

Hi Paolo,

Each output type needs to be added to the tests, vector and raster data have been present since first merge. Today I added HTML (e.g. basic statistics).
So the latest error should be gone.
I added a test for basic statistics with a float field. It would be great if you could check if you can add basic statistics for string fields.

FYI:
Please use one of the provided test files in the processing/testdata folder unless there is a good reason to use another one. These files include some NULL values, positive and negative values and therefore should point out some common problems when implementing algorithms.

Raster issues:

While raster outputs work fine here and on the linux test machine, there are problems on the mac machine - and it looks like they are the same as on your computer. To bad I do not have the possibility to reproduce this issue locally and to properly debug it. That would help to merge
https://github.com/qgis/QGIS/pull/2761 .

Can you retry to run an algorithm which creates a tif, check if the output file is really in place and try to create a test for it and report the result back here.

**#6 - 2016-02-22 03:35 AM - Alexander Bruy**
*- Operating System deleted (Debian)*
*- OS version deleted (Sid)*

Test for "Basic statistics for text fields" added

**#7 - 2016-04-08 06:16 AM - Alexander Bruy**

*- Status changed from Open to Feedback*

Seems works fine now. Can we close this?

**#8 - 2016-04-09 12:06 AM - Paolo Cavallini**

*- Status changed from Feedback to Closed*

Agreed, works fine here now.

Thanks.