

QGIS Application - Bug report #5181

fTools python error with option k=1 on 'Distance Matrix'

2012-03-14 02:43 PM - David Quinn

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Processing/QGIS	
Affected QGIS version:	master	Regression?:
Operating System:		Easy fix?:
Pull Request or Patch applied:	Yes	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 14924
Description		
When using the fTools plugin, 'Vector -> Analysis Tools -> Distance Matrix', if 'Summary Distance Matrix' is chosen with 'Use only the nearest (k) target points' and the value of '1' is chosen, the plugin crashes. I attached a file with a minor modification of how to fix the function def linearMatrix(), but I'm not sure how to connect to the code repository, or if it follows the correct conventions. Here is the error message: An error has occurred while executing Python code: Traceback (most recent call last): File "C:\\PROGRA~2\\Quantum GIS Wroclaw\\apps\\qgis\\python\\plugins\\fTools\\tools\\doPointDistance.py", line 140, in accept self.compute(point1, point2, field1, field2, outPath, matType, nearest, self.progressBar) File "C:\\PROGRA~2\\Quantum GIS Wroclaw\\apps\\qgis\\python\\plugins\\fTools\\tools\\doPointDistance.py", line 186, in compute self.linearMatrix(writer, provider1, provider2, index1, index2, nearest, distArea, matType, sindex, progressBar) File "C:\\PROGRA~2\\Quantum GIS Wroclaw\\apps\\qgis\\python\\plugins\\fTools\\tools\\doPointDistance.py", line 243, in linearMatrix mean = sum(distList) / len(distList) ZeroDivisionError: integer division or modulo by zero Python version: 2.7.2 (default, Jun 12 2011, 15:08:59) [MSC v.1500 32 bit (Intel)] QGIS version: 1.7.4-Wroclaw Wroclaw, 411aff6 Python path: ['C:/PROGRA~2/Quantum GIS Wroclaw/apps/qgis/.python', 'C:/Users/djq/.qgis/python', 'C:/Users/djq/.qgis/python/plugins', 'C:/PROGRA~2/Quantum GIS Wroclaw/apps/qgis/.python/plugins', 'C:\\\\Program Files (x86)\\\\ArcGIS\\\\Desktop10.0\\\\Bin', 'c:\\\\mapnik-2.0.1rc0\\\\python\\\\2.7\\\\site-packages', 'D:\\\\Dropbox\\\\CODE\\\\Python', 'D:\\\\Dropbox\\\\CODE\\\\Python\\\\web_mapping', 'C:\\\\Program Files (x86)\\\\Quantum GIS Wroclaw', 'C:\\\\Windows\\\\system32\\\\python27.zip', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\DLLs', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib\\\\plat-win', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib\\\\lib-tk', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\qgis\\\\bin', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib\\\\site-packages', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\PIL', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32\\\\lib', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Pythonwin', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\wx-2.8-msw-unicode', 'C:\\\\Users\\\\djg\\\\.qgis\\\\python\\\\plugins\\\\mmqgis\\\\forms', 'C:\\\\PROGRA~2\\\\Quantum GIS Wroclaw\\\\apps\\\\qgis\\\\python\\\\plugins\\\\fTools\\\\tools']		

Associated revisions

Revision 580b9474 - 2013-08-27 12:45 PM - Borys Jurgiel

Merge pull request #769 from vinayan/topol

Fix #5181,#4761 - Ftools-Distance Matrix

History

#1 - 2012-03-15 06:41 AM - Alexander Bruy

- *Category set to 44*

#2 - 2012-04-15 10:00 AM - Giovanni Manghi

- *Target version changed from 35 to Version 1.8.0*

#3 - 2012-09-04 11:53 AM - Paolo Cavallini

- *Target version changed from Version 1.8.0 to Version 2.0.0*

#4 - 2013-07-13 02:31 AM - Giovanni Manghi

- *OS version deleted (Windows 7)*

- *Priority changed from Low to High*

Still true on the latest master

#5 - 2013-07-13 09:52 AM - Giovanni Manghi

- *Subject changed from fTools error with option k=1 on 'Distance Matrix' to fTools python error with option k=1 on 'Distance Matrix'*

#6 - 2013-07-14 03:07 PM - Daniel Vaz

Please give it a try <https://github.com/qgis/Quantum-GIS/pull/734>

Thanks in advance

#7 - 2013-08-23 05:40 AM - vinayan Parameswaran

below pull request should fix it..

<https://github.com/qgis/Quantum-GIS/pull/769>

#8 - 2013-08-27 03:45 AM - Borys Jurgiel

- *Status changed from Open to Closed*

Fixed in changeset commit:"580b947498c615ab6e740e539ccfa50067baa6c2".

#9 - 2017-05-01 01:22 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

patch.py	1.71 KB	2012-03-14	David Quinn
----------	---------	------------	-------------