

## QGIS Application - Bug report #13730

### 2.12 build fails on 32-bit arch (testqgsdistancearea.cpp)

2015-11-02 01:53 AM - sthen -

|   |                                     |
|---|-------------------------------------|
| <b>Status:</b> Closed                     |                                     |
| <b>Priority:</b> Normal                   |                                     |
| <b>Assignee:</b>                          |                                     |
| <b>Category:</b>                          |                                     |
| <b>Affected QGIS version:</b> 2.12.0      | <b>Regression?:</b> No              |
| <b>Operating System:</b> OpenBSD          | <b>Easy fix?:</b> No                |
| <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> 21757 |

#### Description

```
--- tests/src/core/testqgsdistancearea.cpp.orig Sun Nov 1 13:45:40 2015
+++ tests/src/core/testqgsdistancearea.cpp Sun Nov 1 13:46:13 2015
@@ -204,19 +204,19 @@ void TestQgsDistanceArea::collections()
 //collection of polygons
 QgsGeometry polys( QgsGeometryFactory::geomFromWkt( "GeometryCollection( Polygon((0 36.53, 5.76 -48.16, 0 25.54, 0
36.53)), Polygon((10 20, 15 20, 15 10, 10 20)) )" ) );
 result = myDa.measure( &polys ); //should measure area
- QVERIFY( qgsDoubleNear( result, 670434859475, 1 ) );
+ QVERIFY( qgsDoubleNear( result, 670434859475LL, 1 ) );
 result = myDa.measureArea( &polys );
- QVERIFY( qgsDoubleNear( result, 670434859475, 1 ) );
+ QVERIFY( qgsDoubleNear( result, 670434859475LL, 1 ) );
 result = myDa.measureLength( &polys );
 QVERIFY( qgsDoubleNear( result, 0 ) );

 //mixed collection
 QgsGeometry mixed( QgsGeometryFactory::geomFromWkt( "GeometryCollection( LineString(0 36.53, 5.76 -48.16),
LineString(0 25.54, 24.20 36.70), Polygon((0 36.53, 5.76 -48.16, 0 25.54, 0 36.53)), Polygon((10 20, 15 20, 15 10, 10 20)) )" );
 result = myDa.measure( &mixed ); //should measure area
- QVERIFY( qgsDoubleNear( result, 670434859475, 1 ) );
+ QVERIFY( qgsDoubleNear( result, 670434859475LL, 1 ) );
 //measure area specifically
 result = myDa.measureArea( &mixed );
- QVERIFY( qgsDoubleNear( result, 670434859475, 1 ) );
+ QVERIFY( qgsDoubleNear( result, 670434859475LL, 1 ) );
 //measure length
 result = myDa.measureLength( &mixed );
 QVERIFY( qgsDoubleNear( result, 12006159, 1 ) );
```

#### History

#1 - 2015-11-02 02:10 AM - landry Landry Breuil

<https://github.com/qgis/QGIS/pull/2413>

#2 - 2015-11-02 03:13 AM - landry Landry Breuil

- % Done changed from 0 to 100

- *Target version set to Version 2.14*
- *Status changed from Open to Closed*

PR merged in commit:03eaafe