

## QGIS Application - Bug report #13419

### Creating spatial index on Shapefile with invalid geometries will make the layer disappear in map canvas when zooming and panning

2015-09-24 08:59 PM - Laurence Bechet

<b>Status:</b>	Closed	
<b>Priority:</b>	Severe/Regression	
<b>Assignee:</b>		
<b>Category:</b>	Map Canvas	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> worksforme
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 21468
<b>Description</b>		
<p>I've got one file which behaves strangely when associated with a spatial index. When I zoom in, the layer disappears from the project and from any opened composers. If I remove the .qix file, the display is ok. If I re-create in qGIS the index (layer properties/Create spatial index) the layer goes back to its random behaviour.</p>		

#### History

##### #1 - 2015-09-25 07:43 AM - Saber Razmjooei

- Target version set to Version 2.12
- Category set to Map Canvas
- Priority changed from Normal to Severe/Regression
- Affected QGIS version changed from 2.10.1 to master
- Operating System deleted (windows)
- OS version deleted (7 64bits)

Confirmed also in master. Works fine in 2.8.

##### #2 - 2015-09-25 03:00 PM - Salvatore Larosa

- Status changed from Open to Feedback

I cannot reproduce here, please attach a small testcase.

##### #3 - 2015-09-26 08:50 PM - Laurence Bechet

- File spatialIndex.zip added
- Target version deleted (Version 2.12)

I thought I have attached testcase. Anyway, here they are again.

##### #4 - 2015-09-27 09:40 AM - Saber Razmjooei

- Status changed from Feedback to Open

##### #5 - 2015-09-29 01:27 AM - Salvatore Larosa

Thanks for the sample data.

I can confirm the issue although the attached `testcase` seems to have invalid geometries.

**#6 - 2015-10-13 09:48 AM - Saber Razmjooei**

- Subject changed from *Shapefile with spatial index makes it disappear when zoomed in* to *Creating spatial index on Shapefile with invalid geometries will make the file disappear when zooming and panning*

I can confirm that it doesn't happen with shapefile with correct geometries.

**#7 - 2015-10-13 09:49 AM - Saber Razmjooei**

- Subject changed from *Creating spatial index on Shapefile with invalid geometries will make the file disappear when zooming and panning* to *Creating spatial index on Shapefile with invalid geometries will make the layer disappear in map canvas when zooming and panning*

**#8 - 2016-05-22 01:09 PM - Giovanni Manghi**

- Resolution set to *worksforme*
- Status changed from *Open* to *Closed*

seems to work as expected on 2.14.3 and master, please reopen if necessary.

**Files**

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spatialIndex.zip	20.2 KB	2015-09-26	Laurence Bechet
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