

QGIS Application - Bug report #8264  
error when trying to load a layer that wasn't actually created

2013-07-11 01:55 AM - Filipe Dias

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>	Victor Olaya	
<b>Category:</b>	Processing/Core	
<b>Affected QGIS version:</b>	2.4.0	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 17068
<b>Description</b>		
v.clean works correctly with the attached shp (threshold = 0, snap = 0). The cleaned shapefile is added but an error related to the error layer is shown.		

History

#1 - 2013-07-11 06:01 AM - Giovanni Manghi

with threshold = 0 the error layer is (should be) empty, so you get the error if using a different value?

#2 - 2013-07-11 06:21 AM - Filipe Dias

Yes, you are right. If the threshold is set to >0 (which it should always be) no error occurs.

#3 - 2013-07-23 02:24 AM - Giovanni Manghi

- Subject changed from v.clean doesnt create the error layer to error when trying to load a layer that wasn't actually created
- Category changed from 59 to 63
- Priority changed from Normal to Low

The issue is more general, any time a module that is "supposed" to create a layer but is does not, then SEXTANTE throws this error because it can't open it. Examples:

v.clean -> if there are no errors to clean, then GRASS does not create any error layer

r.fillnulls -> if there are no nulls to fill, no output is created

#4 - 2013-07-23 02:43 AM - Filipe Dias

- Priority changed from Low to Normal

Maybe a general message should thrown when this happens, such as "The execution of the algorithm didnt produce any shapefiles".

For v.clean r.fillnulls maybe tool-specific warnings should be added. Unexperienced users may interpret the error/warning message as bugs or that there's something else wrong.

**#5 - 2013-10-13 02:26 AM - Filipe Dias**  
- *Priority changed from Normal to Severe/Regression*

This is a complex but important issue that should be addressed in the next version. Returning a "could not load layer" error sounds too much like a bug.

IMO,the best way to deal with this is to set a general message saying "This algorithm didn't produce any outputs. Please make sure you chose the right parameters. If you have any questions please refer to GIS Stackexchange"

**#6 - 2014-06-09 05:58 AM - Giovanni Manghi**  
- *Priority changed from Severe/Regression to High*

I'm changing this to non-blocker for different reasons:

a blocker means a regression, this should not be the case, and then processing can be always updated as plugin update, so I don't think that even a huge issue should block a qgis release.

**#7 - 2014-10-04 12:08 PM - Giovanni Manghi**  
- *Affected QGIS version set to 2.4.0*  
- *Project changed from 78 to QGIS Application*  
- *Category deleted (63)*  
- *Crashes QGIS or corrupts data set to No*

**#8 - 2014-10-04 12:09 PM - Giovanni Manghi**  
- *Category set to Processing/Core*

**#9 - 2015-06-07 01:18 AM - Giovanni Manghi**  
- *Status changed from Open to Closed*  
- *Resolution set to fixed/implemented*

The error message has been improved recently. Moreover in GRASS 7/v.clean the error layer is always created now (even if empty).

Files			
test.zip	4.03 MB	2013-07-10	Filipe Dias