

## QGIS Application - Bug report #2700

### Adding a layer from py plugin, with QgsVectorLayer.setEditFormInit (QString function) set

2010-05-08 11:58 AM - jaanussuvi -

<b>Status:</b>	Closed	
<b>Priority:</b>	Low	
<b>Assignee:</b>		
<b>Category:</b>	Python plugins	
<b>Affected QGIS version:</b>		<b>Regression?:</b> No
<b>Operating System:</b>	Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 12760
<b>Description</b>		
<p>Briefly about my case:</p> <p>I created a python plugin, and it creates [[QgsVectorLayer]]'s from Postgis database. I do add qml styles to my layers, with layer.loadNamedStyle(path_to_qml). And in qml i've specified form init functions in python &lt;editforminit&gt;myInitMethod&lt;/editforminit&gt; I'm trying to initialize some data fields with editforminit function.</p> <p>The problem:</p> <ol style="list-style-type: none"><li>1) i add a layer with my plugin</li><li>2) select the added layer which has &lt;editforminit&gt; specified</li><li>3) toggle the layer to edit mode</li><li>4) try to add a layer object to map, click on the map</li><li>5) then qgis always craches</li></ol> <p>Problem is only when i have set editforminit function.</p> <p>but if i do steps</p> <ul style="list-style-type: none"><li>- (save project)</li><li>- (close and open qgis)</li></ul> <p>before adding new object to my layer, then editforminit function is invoked and everything works.</p> <p>Maybe there's a workaround? Maybe some refreshing?</p> <p>I do after adding layers:</p> <pre>self.iface.refreshLegend(myLayer)  self.iface.mapCanvas().refresh()</pre>		

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## History

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### #1 - 2010-05-11 02:57 AM - Giovanni Manghi

Hi,

feedback to your problem the problem would be better asked in the developer mailing list.

### #2 - 2010-05-25 11:00 AM - Alex Mandel

Needs to be retested on a newer trunk, not a showstopper for release.

### #3 - 2010-06-20 10:30 AM - Martin Dobias

This could have been fixed recently in commit:52a49c90 (SVN r13752), please test again.

If the problem persists, please provide further information how to replicate the problem. Can you simply add a layer and set a QML with "editforminit" function to get the crash (without using the plugin)?

### #4 - 2010-07-24 03:56 PM - Giuseppe Sucameli

No user's inputs for 5 weeks...

I tick the "awaiting user input" checkbox and hope.

### #5 - 2010-07-24 04:31 PM - jaanussuvi -

Replying to [comment:4 wonder]:

*This could have been fixed recently in commit:52a49c90 (SVN r13752), please test again.*

Sorry, I've finished my project with the plugin, and i do not have development environment setup anymore. So it's really time consuming to test it. btw the plugin doesn't use custom editform or init function. I solved it differently.

I think this approach was too complex anyway.

*If the problem persists, please provide further information how to replicate the problem. Can you simply add a layer and set a QML with "editforminit" function to get the crash (without using the plugin)?*

Yes, if i add a postgis layer to my qgis project with custom editform, then it works fine. But if i add postgis layer with python, and try to add new object to the layer, then it does not work. But if i save newly created layer to qgis project and restart qgis, then it works.

How to replicate:

Also complex task, if not having the setup.

I believe it could be done with python console.

U should have postgis db and qml for some geo object.

in qml of course <editforminit>myInitMethod</editforminit>

Code that creates vector layer from postgis:

```
uri = qgis.core.QgsDataSourceURI()
uri.setDataSource("your_schema", "your_geo_table", "the_geom", subset_sql)
vl = qgis.core.QgsVectorLayer(uri.uri(), "layer_name", "postgres")
vl.loadNamedStyle(QString(qml_path + "vl.qml"))
qgis.core.QgsMapLayerRegistry.instance().addMapLayer(vl, True)
self.iface.refreshLegend(vl)
self.iface.mapCanvas().refresh()
```

Sorry, i'm too busy with new projects.

I hope my description helps.

**#6 - 2010-09-19 08:57 AM - Paolo Cavallini**

- *Resolution set to fixed*

- *Status changed from Open to Closed*

Closing it pending reporter check. Please reopen it if necessary.