

## QGIS Application - Bug report #3468

### Missing layer in project means I can't load project at all

2011-02-04 08:13 PM - Aren Cambre

<b>Status:</b>	Closed	
<b>Priority:</b>	Low	
<b>Assignee:</b>	Tim Sutton	
<b>Category:</b>	Project Loading/Saving	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>	Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 13528
<b>Description</b>		
<p>I have a project with 5 layers. One is a <code>[[ShapeFile]]</code> that I inadvertently deleted.</p> <p>When the project loads, I get a <b>QGIS Project Read Error</b> dialog. See attached image. If I select <b>Cancel</b>, then the entire project is unloaded. If I press <b>OK</b> but cannot locate the <code>[[ShapeFile]]</code> (and I can't because, again, I deleted it) and hit <b>Cancel</b> in the file browsing dialog, then the project also unloads.</p> <p>If I press <b>Cancel</b>, or if I press <b>OK</b> but cannot find the project, I should at least have the project loaded without the missing layer. Right now, my project is completely unusable until I restore the <code>[[ShapeFile]]</code>.</p>		

#### History

##### #1 - 2011-02-06 05:02 PM - Nathan Woodrow

I agree. This is not really best way to handle this kind of error. IMO a better approach would be to load the project but show some kind of missing icon next to the item in the legend and/or disable the item. Double clicking should open dialog to restore correct path.

##### #2 - 2011-02-28 11:41 PM - Jürgen Fischer

*The layers which are existing are loaded in mapcanvas and when it found any missing layer the added layers are getting removed I went through the source code , But I could not found the LINE of CODE , which does the function of removing the added layers ?. Can anyone help me to find the LINE of code , which help me to fix the BUG ?.*

For missing layer the `[[QgsMapLayer]]::readXML` failed (because the data provider fails to initialize) and the layers aren't added to the map layer registry:

<http://trac.osgeo.org/qgis/browser/trunk/qgis/src/core/qgsproject.cpp#L715>

All such layer nodes are collected and later passed to

<http://trac.osgeo.org/qgis/browser/trunk/qgis/src/gui/qgsprojectbadlayerguihandler.cpp#L16>

which tries to update the datasource and reread the bad layer node.

##### #3 - 2011-03-04 12:50 PM - Tim Sutton

Hi

I committed the patch supplied by Sunilraj commit:7cf6c6ea (SVN r15333) which partially addresses this. Sunil, note that if you choose 'OK' then 'Cancel' on the subsequent dialog, the project is returned to blank - I'm not sure if that would be expected behavior. I think it would be better to revert to 'ignore missing' behaviour if cancel is pressed on the file selection dialog.

I also tidied up the dialog wording a little in commit:66a55eb7 (SVN r15334).

Regards

Tim

**#4 - 2011-12-16 01:49 PM - Giovanni Manghi**

- *Target version changed from Version 1.7.0 to Version 1.7.4*

**#5 - 2012-01-31 03:38 PM - Jürgen Fischer**

- *Crashes QGIS or corrupts data set to No*
- *Status changed from Open to Closed*
- *Affected QGIS version set to master*
- *Pull Request or Patch supplied set to No*
- *Resolution set to fixed*

superceded by new dialog.

**Files**

qgis_error.png	17.7 KB	2011-02-04	Aren Cambre
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