QGIS Application - Bug report #7963
qgis master crashes when adding a raster after having created a layout composer

2013-06-01 09:56 AM - Giovanni Manghi

Status:	Closed		
Priority:	Severe/Regression		
Assignee:			
Category:	Map Composer/Printing		
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	16822

Description

for now tested on win/osgeo4w, will do also on Linux.

Steps:

add a vector
create a layout, add a map object
close the layout
add a raster
crash

saving the project with just the vector, closing qgis and then adding the raster still causes crash.

If the layout is not created, then adding the raster does not cause the crash.

I'm adding two sample files, but it happens also with other data.

Associated revisions

Revision f9a0a1d1 - 2013-06-04 01:42 PM - Radim Blazek

fixed rashes in atlas calling vector methods for rasters, fixes #7963

History

#1 - 2013-06-01 01:47 PM - Giovanni Manghi

confirmed on Linux

```
gio@sibirica ~ $ qgis
Warning: loading of qt translation failed [/usr/share/qt4/translations/qt_en_US]
Fatal: QGIS died on signal 11
Stacktrace (run through c++filt):
/usr/bin/qgis.bin(Z15myMessageOutput9QtMsgTypePKc+0xac)[0x4e6b5c]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(qt_message_output(QtMsgType, char const*)+0x2e)[0x7f7b910e641e]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(+0x718bf)[0x7f7b910e68bf]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(qFatal(char const*, ...)+0x94)[0x7f7b910e6a64]
/lib/x86_64-linux-gnu/libc.so.6(+0x364a0)[0x7f7b8e5d74a0]
/usr/lib/libqgis_core.so.1.9.0(QgsVectorLayer::wkbType() const+0x0)[0x7f7b92243af0]
/usr/bin/qgis.bin(QgsAtlasCompositionWidget::checkLayerType(QgsVectorLayer*)+0xc)[0x75582c]
```

```
/usr/bin/qgis.bin(QgsAtlasCompositionWidget::onLayerAdded(QgsMapLayer*)+0x112)[0x7559a2]
/usr/bin/qgis.bin[0x7c593c]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(QMetaObject::activate(QObject*, QMetaObject const*, int, void**)+0x2b1)[0x7f7b91204281]
/usr/lib/libqgis_core.so.1.9.0(QgsMapLayerRegistry::layerWasAdded(QgsMapLayer*)+0x32)[0x7f7b92336122]
/usr/lib/libqgis_core.so.1.9.0(QgsMapLayerRegistry::addMapLayers(QList<QgsMapLayer*>, bool, bool)+0x52d)[0x7f7b9219e5fd]
/usr/bin/qgis.bin(QgisApp::addRasterLayer(QgsRasterLayer*)+0xc8)[0x503838]
/usr/bin/qgis.bin(QgisApp::addRasterLayerPrivate(QString const&, QString const&, QString const&, bool, bool)+0x300)[0x504c70]
/usr/bin/qgis.bin(QgisApp::addRasterLayers(QStringList const&, bool)+0x41f)[0x50b89f]
/usr/bin/qgis.bin(QgisApp::addRasterLayer()+0xfe)[0x50c32e]
/usr/bin/qgis.bin[0x7b91d5]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(QMetaObject::activate(QObject*, QMetaObject const*, int, void**)+0x2b1)[0x7f7b91204281]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QAction::triggered(bool)+0x32)[0x7f7b9056c132]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QAction::activate(QAction::ActionEvent)+0x6f)[0x7f7b9056c31f]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(+0x59ad4a)[0x7f7b90941d4a]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QAbstractButton::mouseReleaseEvent(QMouseEvent*)+0x8c)[0x7f7b90941ffc]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QToolButton::mouseReleaseEvent(QMouseEvent*)+0xa)[0x7f7b909ff5da]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QWidget::event(QEvent*)+0x684)[0x7f7b905c3144]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QApplicationPrivate::notify_helper(QObject*, QEvent*)+0xb4)[0x7f7b90572894]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QApplication::notify(QObject*, QEvent*)+0xabf)[0x7f7b905780bf]
/usr/lib/libqgis_core.so.1.9.0(QgsApplication::notify(QObject*, QEvent*)+0x96)[0x7f7b920fcc46]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(QCoreApplication::notifyInternal(QObject*, QEvent*)+0x8c)[0x7f7b911efe9c]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**,
QPointer<QWidget>&, bool)+0x172)[0x7f7b90573862]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(+0x24bbf5)[0x7f7b905f2bf5]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(QApplication::x11ProcessEvent(_XEvent*)+0xdce)[0x7f7b905f1bae]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(+0x2740d2)[0x7f7b9061b0d2]
/lib/x86_64-linux-gnu/libglib-2.0.so.0(g_main_context_dispatch+0x133)[0x7f7b8d103d53]
/lib/x86_64-linux-gnu/libglib-2.0.so.0(+0x480a0)[0x7f7b8d1040a0]
/lib/x86_64-linux-gnu/libglib-2.0.so.0(g_main_context_iteration+0x34)[0x7f7b8d104164]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>)+0x6f)[0x7f7b9121f3bf]?/usr/lib/x8
bf]
/usr/lib/x86_64-linux-gnu/libQtGui.so.4(+0x273d5e)[0x7f7b9061ad5e]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>)+0x32)[0x7f7b911eec82]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>)+0xf7)[0x7f7b911eeed7]
/usr/lib/x86_64-linux-gnu/libQtCore.so.4(QCoreApplication::exec()+0x87)[0x7f7b911f3f67]
/usr/bin/qgis.bin(main+0x229e)[0x4e2b0e]
/lib/x86_64-linux-gnu/libc.so.6(_libc_start_main+0xed)[0x7f7b8e5c276d]
/usr/bin/qgis.bin[0x4e6901]
Aborted (core dumped)
```

#2 - 2013-06-04 04:36 AM - Radim Blazek

- Status changed from Open to Closed

Fixed in changeset commit:"f9a0a1d1c89a4483b3eb0c66c252e44ed816364c".

#3 - 2013-06-04 04:38 AM - Radim Blazek

- Category set to Map Composer/Printing

The problem was in QgsAtlasCompositionWidget casting raster maps to vector and then calling vector methods with null pointer. It may be that there are more similar problems in atlas.

Files

dem_clipped.tif	786 KB	2013-06-01	Giovanni Manghi
etr89_3763.zip	229 KB	2013-06-01	Giovanni Manghi