QGIS Application - Bug report #8283
Loading QGIS 1.8 color ramp in QGIS 2.0 causes crash

2013-07-12 05:06 AM - Tim Sutton

Status:	Closed		
Priority:	Severe/Regression		
Assignee:	Jürgen Fischer		
Category:	Rasters		
Affected QGIS version:	master	**Regression?:**	No
Operating System:	Linux	**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	17083

Description

Loading a raster dataset with a legacy (QGIS 1.8) qml which contains a colour ramp causes QGIS 2.0 to crash.

I've attached a sample which can be used to replicate the issue.

The follow is the traceback for when the crash occurs:

```
0  raise  /lib/x86_64-linux-gnu/libc.so.6  0x7ffff0108037
1  abort  /lib/x86_64-linux-gnu/libc.so.6  0x7ffff010b698
2  myMessageOutput  main.cpp  285  0x54a773
3  qt_message_output(QtMsgType, char const*)  /usr/lib/x86_64-linux-gnu/libQtCore.so.4  0x7ffff25fd4d0
4  ??  /usr/lib/x86_64-linux-gnu/libQtCore.so.4  0x7ffff25fd938
5  qFatal(char const*, ...)  /usr/lib/x86_64-linux-gnu/libQtCore.so.4  0x7ffff25fdac4
6  QList<int>::operator[]  qlist.h  473  0x7ffff31a2789
7  QgsGdalProvider::dataType  qgsgdalprovider.cpp  1052  0x7fffcd5866a7
8  QgsGdalProvider::block  qgsgdalprovider.cpp  375  0x7fffcd5830ff
9  QgsSingleBandPseudoColorRenderer::block  qgssinglebandpseudocolorrenderer.cpp  115  0x7ffff3b50a96
10  QgsBrightnessContrastFilter::block  qgsbrightnesscontrastfilter.cpp  125  0x7ffff3b51cc1
11  QgsHueSaturationFilter::block  qgshuesaturationfilter.cpp  131  0x7ffff3b52fdc
12  QgsRasterResampleFilter::block  qgsrasterresamplefilter.cpp  170  0x7ffff3b422c8
13  QgsRasterProjector::block  qgsrasterprojector.cpp  723  0x7ffff3b11878
14  QgsRasterIterator::readNextRasterPart  qgsrasteriterator.cpp  96  0x7ffff3b1ef72
15  QgsRasterDrawer::draw  qgsrasterdrawer.cpp  58  0x7ffff3b379dd
16  QgsRasterLayer::draw  qgsrasterlayer.cpp  438  0x7ffff3b22f92
17  QgsRasterLayer::draw  qgsrasterlayer.cpp  403  0x7ffff3b22558
18  QgsMapRenderer::render  qgsmaprenderer.cpp  538  0x7ffff3973e31
19  QgsMapCanvasMap::render  qgsmapcanvasmap.cpp  83  0x7ffff3209d2b
20  QgsMapCanvas::refresh  qgsmapcanvas.cpp  424  0x7ffff3201a58
21  QgisApp::addRasterLayerPrivate  qgisapp.cpp  8408  0x5891d1
22  QgisApp::addRasterLayers  qgisapp.cpp  8496  0x5897b4
23  QgisApp::addRasterLayer  qgisapp.cpp  8279  0x5889f7
24  QgisApp::qt_static_metacall  moc_qgisapp.cxx  590  0x8a41fc
25  QMetaObject::activate(QObject*, QMetaObject const*, int, void**)  /usr/lib/x86_64-linux-gnu/libQtCore.so.4
0x7ffff27190ef
26  QAction::triggered(bool)  /usr/lib/x86_64-linux-gnu/libQtGui.so.4  0x7ffff1aa4152
27  QAction::activate(QAction::ActionEvent)  /usr/lib/x86_64-linux-gnu/libQtGui.so.4  0x7ffff1aa5580
28  ??  /usr/lib/x86_64-linux-gnu/libQtGui.so.4  0x7ffff1e699ef
29  QAbstractButton::mouseReleaseEvent(QMouseEvent*)  /usr/lib/x86_64-linux-gnu/libQtGui.so.4  0x7ffff1e69c9c
30  QToolButton::mouseReleaseEvent(QMouseEvent*)  /usr/lib/x86_64-linux-gnu/libQtGui.so.4  0x7ffff1f2677a
31  QWidget::event(QEvent*)  /usr/lib/x86_64-linux-gnu/libQtGui.so.4  0x7ffff1af7a89
```

32 QApplicationPrivate::notify_helper(QObject*, QEvent*) /usr/lib/x86_64-linux-gnu/libQtGui.so.4 0x7ffff1aaa8ec
33 QApplication::notify(QObject*, QEvent*) /usr/lib/x86_64-linux-gnu/libQtGui.so.4 0x7ffff1aada33
34 QgsApplication::notify qgsapplication.cpp 242 0x7ffff38b73c2
35 QCoreApplication::notifyInternal(QObject*, QEvent*) /usr/lib/x86_64-linux-gnu/libQtCore.so.4 0x7ffff270463e
36 QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**, QPointer<QWidget>&, bool) /usr/lib/x86_64-linux-gnu/libQtGui.so.4 0x7ffff1ab0933
37 ?? /usr/lib/x86_64-linux-gnu/libQtGui.so.4 0x7ffff1b25ec4
38 QApplication::x11ProcessEvent(_XEvent*) /usr/lib/x86_64-linux-gnu/libQtGui.so.4 0x7ffff1b24ef1
39 ?? /usr/lib/x86_64-linux-gnu/libQtGui.so.4 0x7ffff1b500b2
40 g_main_context_dispatch /lib/x86_64-linux-gnu/libglib-2.0.so.0 0x7fffedffff05
41 ?? /lib/x86_64-linux-gnu/libglib-2.0.so.0 0x7fffee000248
42 g_main_context_iteration /lib/x86_64-linux-gnu/libglib-2.0.so.0 0x7fffee000304
43 QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) /usr/lib/x86_64-linux-gnu/libQtCore.so.4 0x7ffff2733016
44 ?? /usr/lib/x86_64-linux-gnu/libQtGui.so.4 0x7ffff1b501ae
45 QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) /usr/lib/x86_64-linux-gnu/libQtCore.so.4 0x7ffff270338f
46 QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) /usr/lib/x86_64-linux-gnu/libQtCore.so.4 0x7ffff2703618
47 QCoreApplication::exec() /usr/lib/x86_64-linux-gnu/libQtCore.so.4 0x7ffff2708cf6
48 main main.cpp 1020 0x54d372

Related issues:

Related to QGIS Application - Bug report # 7080: Master version crashes when ...	**Closed**	**2013-01-30**

Associated revisions

Revision d6c16dd2 - 2013-07-13 11:55 AM - Jürgen Fischer

project file transform: don't imply we know the band count (fixes #7080, fixes #8283)

History

#1 - 2013-07-12 05:48 AM - Salvatore Larosa

I think this is a duplicate of #7080

#2 - 2013-07-12 12:55 PM - Jürgen Fischer

- Status changed from Open to Feedback

um, doesn't crash here.

#3 - 2013-07-12 01:40 PM - Salvatore Larosa

Hi Jürgen,
did you try with sample data of #7080 ?

#4 - 2013-07-12 02:00 PM - Giovanni Manghi

Jürgen Fischer wrote:

> *um, doesn't crash here.*

no crash here too

#5 - 2013-07-12 02:28 PM - Salvatore Larosa

more info by full backtrace: http://codepad.org/zvJHsbNC

#6 - 2013-07-13 02:55 AM - Jürgen Fischer

- Status changed from Feedback to Closed

Fixed in changeset commit:"d6c16dd2caab603e7ee7c38750157fff1fd7b6d5".

#7 - 2013-07-14 09:02 AM - Tim Sutton

That fixes it for me too thanks!

Tim

Files

ramp_crash.tar.gz	1.2 KB	2013-07-12	Tim Sutton