

QGIS Application - Bug report #5877

Crash when adding WMS layer with enabled "Contrast enhancement" option

2012-06-27 05:01 AM - Alexander Bruy

Status:	Closed	
Priority:	Normal	
Assignee:	Marco Hugentobler	
Category:	Rasters	
Affected QGIS version:	master	Regression?: No
Operating System:	all	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 15337
Description		
If global option "Contrast enhancement" (in "Settings - Options - Rendering") has value different from "No Stretch" and checkbox "Use standard deviation" is checked, then QGIS crashes when adding any WMS layer. Tested with latest QGIS master (8304d6a) Here is backtrace <pre>Program received signal SIGFPE, Arithmetic exception. 0xb60aa6af in QgsRasterDataProvider::bandStatistics (this=0xa312fd8, theBandNo=1) at /home/alex/devel/cpp/qgis/master/src/core/qgsrasterdataproducer.cpp:258 258 myNXBlocks = (xSize() + myXBlockSize - 1) / myXBlockSize; (gdb) bt #0 0xb60aa6af in QgsRasterDataProvider::bandStatistics (this=0xa312fd8, theBandNo=1) at /home/alex/devel/cpp/qgis/master/src/core/qgsrasterdataproducer.cpp:258 #1 0xb6186d23 in QgsRasterRendererRegistry::minMaxValuesForBand (this=0x8927a68, band=1, provider=0xa312fd8, minValue=@0xbffcb40, maxValue=@0xbffcb38) at /home/alex/devel/cpp/qgis/master/src/core/raster/qgsrasterrendererregistry.cpp:306 #2 0xb61872b3 in QgsRasterRendererRegistry::defaultRendererForDrawingStyle (this=0x8927a68, theDrawingStyle=@0xbffcd70, provider=0xa312fd8) at /home/alex/devel/cpp/qgis/master/src/core/raster/qgsrasterrendererregistry.cpp:219 #3 0xb6174e8f in QgsRasterLayer::setRendererForDrawingStyle (this=0xa314548, theDrawingStyle=@0xbffcd70) at /home/alex/devel/cpp/qgis/master/src/core/raster/qgsrasterlayer.cpp:593 #4 0xb617cee5 in setDrawingStyle (this=0xa314548, provider=...) at /home/alex/devel/cpp/qgis/master/src/core/raster/qgsrasterlayer.h:336 #5 QgsRasterLayer::setDataProvider (this=0xa314548, provider=...) at /home/alex/devel/cpp/qgis/master/src/core/raster/qgsrasterlayer.cpp:1655 #6 0xb618056a in QgsRasterLayer::QgsRasterLayer (this=0xa314548, uri=..., baseName=..., providerKey=..., loadDefaultStyleFlag=true) at /home/alex/devel/cpp/qgis/master/src/core/raster/qgsrasterlayer.cpp:160 #7 0x0811fdb8 in QgisApp::addRasterLayer (this=0x8686b38, uri=..., baseName=..., providerKey=...) at /home/alex/devel/cpp/qgis/master/src/app/qgisapp.cpp:7054 #8 0x0834a345 in QgisApp::qt_metacall (this=0x8686b38, _c=QMetaObject::InvokeMetaMethod, _id=42, _a=0xbfffd040) at /home/alex/devel/cpp/qgis/master/build/src/app/moc_qgisapp.cxx:466 #9 0xb56ddb7a in QMetaObject::metacall(QObject*, QMetaObject::Call, int, void**) () from /usr/lib/libQtCore.so.4 #10 0xb56ed9bd in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) () from /usr/lib/libQtCore.so.4 #11 0xb278b648 in QgsWMSSourceSelect::addRasterLayer (this=0xa26e958, _t1=...,</pre>		

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_t2=..., _t3=...)
at /home/alex/devel/cpp/qgis/master/build/src/providers/wms/moc_qgswmssourceselect.cxx:151
#12 0xb276ee71 in QgsWMSSourceSelect::addClicked (this=0xa26e958)
at /home/alex/devel/cpp/qgis/master/src/providers/wms/qgswmssourceselect.cpp:542
#13 0xb278b7fb in QgsWMSSourceSelect::qt_metacall (this=0xa26e958,
_c=QMetaObject::InvokeMetaMethod, _id=8, _a=0xbfffd378)
at /home/alex/devel/cpp/qgis/master/build/src/providers/wms/moc_qgswmssourceselect.cxx:124
#14 0xb56ddb7a in QMetaObject::metacall(QObject*, QMetaObject::Call, int, void**) () from /usr/lib/libQtCore.so.4
#15 0xb56ed9bd in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) () from /usr/lib/libQtCore.so.4
#16 0xb5311d39 in QAbstractButton::clicked(bool) () from /usr/lib/libQtGui.so.4
#17 0xb501f269 in ?? () from /usr/lib/libQtGui.so.4
#18 0xb5020b24 in ?? () from /usr/lib/libQtGui.so.4
#19 0xb5020dde in QAbstractButton::mouseReleaseEvent(QMouseEvent*) ()
from /usr/lib/libQtGui.so.4
#20 0xb4c72b94 in QWidget::event(QEvent*) () from /usr/lib/libQtGui.so.4
#21 0xb501fe1e in QAbstractButton::event(QEvent*) ()
from /usr/lib/libQtGui.so.4
#22 0xb50bfe12 in QPushButton::event(QEvent*) () from /usr/lib/libQtGui.so.4
#23 0xb4c198c4 in QApplicationPrivate::notify_helper(QObject*, QEvent*) ()
from /usr/lib/libQtGui.so.4
#24 0xb4c1efca in QApplication::notify(QObject*, QEvent*) ()
from /usr/lib/libQtGui.so.4
#25 0xb5fcc490 in QgsApplication::notify (this=0xbffff628, receiver=0xa2c2b20,
event=0xbfffd3b8)
at /home/alex/devel/cpp/qgis/master/src/core/qgsapplication.cpp:222
#26 0xb56d752b in QCoreApplication::notifyInternal(QObject*, QEvent*) ()
from /usr/lib/libQtCore.so.4
#27 0xb4c1a832 in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**,
QPointer<QWidget>&, bool) ()
from /usr/lib/libQtGui.so.4
#28 0xb4ca2aac in ?? () from /usr/lib/libQtGui.so.4
#29 0xb4ca1017 in QApplication::x11ProcessEvent(_XEvent*) ()
from /usr/lib/libQtGui.so.4
#30 0xb4ccaec2 in ?? () from /usr/lib/libQtGui.so.4
#31 0xb3913432 in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#32 0xb3913c10 in ?? () from /usr/lib/libglib-2.0.so.0
#33 0xb3913ec4 in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#34 0xb5704bac in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
/usr/lib/libQtCore.so.4
#35 0xb4ccaad5 in ?? () from /usr/lib/libQtGui.so.4
#36 0xb56d66e9 in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/libQtCore.so.4

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History

#1 - 2012-06-27 02:48 PM - Marco Hugentobler

- Status changed from Open to Closed

Fixed in f383deae8cab8f85bb7f9e8de9d71fbe37fa4160