

QGIS Application - Bug report #604

Setting any band to "Not set" on a multi-band raster crashes qgis

2007-02-17 04:23 PM - Gary Sherman

Status:	Closed	
Priority:	Low	
Assignee:	ersts -	
Category:	Rasters	
Affected QGIS version:		Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed
Crashes QGIS or corrupts data:		Copied to github as #: 10663
Description		
The summary says it all. Set any band to not set and click Apply or Ok. QGIS crashes.		
This also happens in 0.9 and the raster transparency branch.		

History

#1 - 2007-02-25 07:18 PM - Tim Sutton

Moved to milestone 0.8.2 since we wont be fixing any further issues before the 0.8.1 release

#2 - 2007-03-14 03:42 AM - Redmine Admin

I confirm this bug with 0.8.1 SVN 6800. Please find a smallish example 3-band [[GeoTIFF]] attached. No chances the bug will be fixed for 0.8.1?

1. qgis merge2.tif
2. double click the layer
3. Symbology->Red->Not Set->OK

Crash. Setting any other band to Not Set crahes QGIS as well. The backtrace is below. merge2.tif is attached.

```
Program received signal SIGABRT, Aborted.
[Switching to Thread -1242188096 (LWP 11352)]
0xfffffe410 in +kernel_vsyscall ()
(gdb) bt
#0 0xfffffe410 in +kernel_vsyscall ()
#3905 0xb650f9a1 in raise () from /lib/tls/i686/cmov/libc.so.6
#3906 0xb65112b9 in abort () from /lib/tls/i686/cmov/libc.so.6
#3907 0x0804aa04 in myMessageOutput ()
#3908 0xb7d5299c in qt_message_output (msgType=QtFatalMsg,
    buf=0x6 <Address 0x6 out of bounds>) at global/qglobal.cpp:1982
#3909 0xb7d52ac1 in qFatal (
    msg=0xb7e3beb0 "ASSERT failure in %s: \"%s\", file %s, line %d")
    at global/qglobal.cpp:2227
#3910 0xb7d52aff in qt_assert_x (where=0xb7f84ade "QVector<T>::operator[]",
    what=0xb7f84967 "index out of range",
    file=0xb7f85a58 "/usr/local/qt4/include/QtCore/qvector.h", line=290)
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at global/qglobal.cpp:1779
#3911 0xb7f64015 in [[QgsRasterLayer]]::getRasterBandNumber ()
    from /usr/local/qgis08/lib/libqgis_raster.so.1
#3912 0xb7f70a60 in [[QgsRasterLayer]]::drawMultiBandColor ()
    from /usr/local/qgis08/lib/libqgis_raster.so.1
#3913 0xb7f781ac in [[QgsRasterLayer]]::draw ()
    from /usr/local/qgis08/lib/libqgis_raster.so.1
#10 0xb7f7b258 in [[QgsRasterLayer]]::drawThumbnail ()
    from /usr/local/qgis08/lib/libqgis_raster.so.1
#3914 0xb68e3e95 in [[QgsRasterLayerProperties]]::apply ()
    from /usr/local/qgis08/lib/libqgis_gui.so.1
#3915 0xb68e4b0c in [[QgsRasterLayerProperties]]::accept ()
    from /usr/local/qgis08/lib/libqgis_gui.so.1
#3916 0xb697c015 in [[QgsRasterLayerProperties]]::qt_metacall ()
    from /usr/local/qgis08/lib/libqgis_gui.so.1
#3917 0xb7e1a3fc in QObject::activate (sender=0x83a9da8,
    from_signal_index=29, to_signal_index=30, argv=0x0)
    at kernel/qobject.cpp:2940
#3918 0xb7e1a856 in QObject::activate (sender=0x83a9da8, m=0xb7a0c4f0,
    from_local_signal_index=2, to_local_signal_index=3, argv=0xbfca262c)
    at kernel/qobject.cpp:2992
#3919 0xb78b46ae in QPushButton::clicked (this=0x83a9da8, _t1=false)
    at .moc/release-shared/moc_qabstractbutton.cpp:180
#3920 0xb76d258e in QPushButtonPrivate::emitClicked (this=0x83a9de0)
    at widgets/qabstractbutton.cpp:517
#3921 0xb76d3896 in QPushButtonPrivate::click (this=0x83a9de0)
    at widgets/qabstractbutton.cpp:510
#3922 0xb76d3acf in QPushButton::mousePressEvent (this=0x83a9da8,
    e=0xbfca2b5c) at widgets/qabstractbutton.cpp:1076
#3923 0xb7483ec6 in QWidget::event (this=0x83a9da8, event=0xbfca2b5c)
    at kernel/qwidget.cpp:5698
#3924 0xb76d2944 in QPushButton::event (this=0x83a9da8, e=0xbfca2b5c)
    at widgets/qabstractbutton.cpp:1038
#3925 0xb774d700 in QPushButton::event (this=0x83a9da8, e=0xbfca2b5c)
    at widgets/qpushbutton.cpp:582
#3926 0xb743c782 in QApplicationPrivate::notify_helper (this=0x807c180,
    receiver=0x83a9da8, e=0xbfca2b5c) at kernel/qapplication.cpp:3434
#3927 0xb743fecc in QApplication::notify (this=0xbfca3ebc, receiver=0x83a9da8,
    e=0xbfca2b5c) at kernel/qapplication.cpp:3133
#3928 0xb7499bcf in QApplication::translateMouseEvent (this=0x83a9da8,
    event=0xbfca2e5c) at qcoreapplication.h:186
#3929 0xb74994c2 in QApplication::x11ProcessEvent (this=0xbfca3ebc,
    event=0xbfca2e5c) at kernel/qapplication_x11.cpp:2764
#3930 0xb74bce72 in x11EventSourceDispatch (s=0x807dc00, callback=0,
    user_data=0x0) at kernel/qguieventdispatcher_glib.cpp:122
#3931 0xb64728d6 in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#3932 0xb6475996 in g_main_context_check () from /usr/lib/libglib-2.0.so.0
#3933 0xb6475e1e in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#3934 0xb7e2d4ba in QEventDispatcherGlib::processEvents (this=0x807c0d0,
    flags=@0xbfca3068) at kernel/qeventdispatcher_glib.cpp:363
#3935 0xb74bcb9b in QGuiEventDispatcherGlib::processEvents (this=0x807c0d0,
    flags=@0x2c58) at kernel/qguieventdispatcher_glib.cpp:178
#3936 0xb7e080bd in QEventLoop::processEvents (this=0x0, flags=@0x0)

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at kernel/qeventloop.cpp:126
#3937 0xb7e08238 in QEventLoop::exec (this=0xbfca3110, flags=@0xbfca3118)
    at kernel/qeventloop.cpp:172
#3938 0xb77b6481 in QDialog::exec (this=0x8319d80) at dialogs/qdialog.cpp:393
#36 0xb7f2d3b5 in [[QgsLegend]]::mouseDoubleClickEvent ()
    from /usr/local/qgis08/lib/libqgis_legend.so.1
#37 0xb7483f7c in QWidget::event (this=0x826ee50, event=0xbfca37bc)
    at kernel/qwidget.cpp:5702
#38 0xb7710750 in QFrame::event (this=0x826ee50, e=0xbfca37bc)
    at widgets/qframe.cpp:633
#39 0xb778478a in QAbstractScrollArea::viewportEvent (this=0x2c58, e=0x6)
    at widgets/qabstractscrollarea.cpp:854
#40 0xb77de530 in QAbstractItemView::viewportEvent (this=0x826ee50,
    event=0xbfca37bc) at itemviews/qabstractitemview.cpp:1277
#41 0xb77871b3 in QAbstractScrollAreaFilter::eventFilter (this=0x0,
    o=0x8269c90, e=0xbfca37bc) at qabstractscrollarea_p.h:78
#42 0xb743c731 in QApplicationPrivate::notify_helper (this=0x807c180,
    receiver=0x8269c90, e=0xbfca37bc) at kernel/qapplication.cpp:3426
#43 0xb743fecc in QApplication::notify (this=0xbfca3ebc, receiver=0x8269c90,
    e=0xbfca37bc) at kernel/qapplication.cpp:3133
#44 0xb7499bcf in QETWidget::translateMouseEvent (this=0x8269c90,
    event=0xbfca3abc) at qcoreapplication.h:186
#45 0xb74994c2 in QApplication::x11ProcessEvent (this=0xbfca3ebc,
    event=0xbfca3abc) at kernel/qapplication_x11.cpp:2764
#46 0xb74bce72 in x11EventSourceDispatch (s=0x807dc00, callback=0,
    user_data=0x0) at kernel/qguieventdispatcher_glib.cpp:122
#47 0xb64728d6 in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#48 0xb6475996 in g_main_context_check () from /usr/lib/libglib-2.0.so.0
#49 0xb6475e1e in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#50 0xb7e2d4ba in QEventDispatcherGlib::processEvents (this=0x807c0d0,
    flags=@0xbfca3cc8) at kernel/qeventdispatcher_glib.cpp:363
#51 0xb74bcb9b in QGuiEventDispatcherGlib::processEvents (this=0x807c0d0,
    flags=@0x2c58) at kernel/qguieventdispatcher_glib.cpp:178
#52 0xb7e080bd in QEventLoop::processEvents (this=0x0, flags=@0x0)
    at kernel/qeventloop.cpp:126
#53 0xb7e08238 in QEventLoop::exec (this=0xbfca3d70, flags=@0xbfca3d78)
    at kernel/qeventloop.cpp:172
#54 0xb7e0aadd in QCoreApplication::exec () at kernel/qcoreapplication.cpp:727
#55 0xb743c269 in QApplication::exec () at kernel/qapplication.cpp:2927
#56 0x0804c38b in main ()

```

Maciek

#3 - 2007-11-05 09:22 PM - ersts -

- Resolution set to fixed
- Status changed from Open to Closed

This bug was fixed with a patch to the trunk as revision 7332 and also patched in the raster_transparency_branch as revisions 7331 and 7333.

Milestone Version 0.8.2 deleted

Files

merge2.tif	71.7 KB	2007-03-14	Redmine Admin
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