

QGIS Application - Bug report #6182

Crash when printing without "print to raster", with a transparent raster layer

2012-08-12 08:52 PM - Alister Hood

Status:	Closed	
Priority:	Severe/Regression	
Assignee:		
Category:		
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 15496
Description		
With current master on Windows (at least - I haven't tested other platforms yet), QGIS crashes when I try to print with "print to raster" unchecked, if my map includes a raster layer with transparency >0%.		

History

#1 - 2012-08-12 08:56 PM - Alister Hood

I don't see anything useful in DebugView or the msys terminal if I start QGIS from that. This is the error signature provided by the Windows crash dialogue:

```
AppName: qgis.exe  AppVer: 0.0.0.0  ModName: qtgui4.dll
ModVer: 4.7.1.0  Offset: 000d3431
```

#2 - 2012-08-13 08:34 AM - Giovanni Manghi

- Status changed from Open to Feedback

if it is a regression please tag this as "blocker".

#3 - 2012-08-13 03:01 PM - Alister Hood

- Priority changed from Normal to Severe/Regression

Yes, sorry, it is a regression, although I'm not sure if it has regressed since 1.8 or 1.7 or what.

Note: I'm not able to change the status from "Feedback" to anything except "Closed".

#4 - 2012-08-16 08:57 AM - Giovanni Manghi

- Status changed from Feedback to Open
- Target version set to Version 2.0.0
- Crashes QGIS or corrupts data changed from No to Yes

Alister Hood wrote:

|

| Yes, sorry, it is a regression, although I'm not sure if it has regressed since 1.8 or 1.7 or what.

it doesn't matter, any previously unknown regression is as blocker issue.

| Note: I'm not able to change the status from "Feedback" to anything except "Closed".

I'll fix it.

#5 - 2012-08-17 09:03 PM - Alister Hood

Here's a backtrace from linux in case it is helpful:

```
Program received signal SIGSEGV, Segmentation fault.
0xb46cee16 in ?? () from /usr/lib/libQtGui.so.4
(gdb) bt
#0 0xb46cee16 in ?? () from /usr/lib/libQtGui.so.4
#1 0xb46c9349 in ?? () from /usr/lib/libQtGui.so.4
#2 0xb47a6517 in ?? () from /usr/lib/libQtGui.so.4
#3 0xb4729ffc in QPainter::drawImage(QRectF const&, QImage const&, QRectF const&, QFlags<Qt::ImageConversionFlag>) () from /usr/lib/libQtGui.so.4
#4 0xb469867d in QPicture::exec(QPainter*, QDataStream&, int) ()
    from /usr/lib/libQtGui.so.4
#5 0xb469a466 in QPicture::play(QPainter*) () from /usr/lib/libQtGui.so.4
#6 0xb47237e5 in QPainter::drawPicture(QPointF const&, QPicture const&) ()
    from /usr/lib/libQtGui.so.4
#7 0xb47108d4 in ?? () from /usr/lib/libQtGui.so.4
#8 0xb4711b76 in ?? () from /usr/lib/libQtGui.so.4
#9 0xb4711f88 in ?? () from /usr/lib/libQtGui.so.4
#10 0xb476474a in ?? () from /usr/lib/libQtGui.so.4
#11 0xb47216d0 in QPainter::end() () from /usr/lib/libQtGui.so.4
#12 0xb47218a8 in QPainter::~QPainter() () from /usr/lib/libQtGui.so.4
#13 0xb5ba4634 in QgsComposition::print(QPrinter&) ()
    from /usr/lib/libqgis_core.so.1.9.0
#14 0x08305ec8 in QgsComposer::on_mActionPrint_triggered() ()
#15 0x083b7fed in QgsComposer::qt_static_metacall(QObject*, QMetaObject::Call, int, void**) [clone .part.2] ()
#16 0x083b81cb in QgsComposer::qt_metacall(QMetaObject::Call, int, void**) ()
#17 0xb50c2655 in QMetaObject::metacall(QObject*, QMetaObject::Call, int, void**---Type <return> to continue, or q <return> to quit---
) () from /usr/lib/libQtCore.so.4
#18 0xb50d3e92 in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) () from /usr/lib/libQtCore.so.4
#19 0xb45aff2d in QAction::triggered(bool) () from /usr/lib/libQtGui.so.4
#20 0xb45b01cc in QAction::activate(QAction::ActionEvent) ()
    from /usr/lib/libQtGui.so.4
#21 0xb4a5c585 in ?? () from /usr/lib/libQtGui.so.4
#22 0xb4a63696 in ?? () from /usr/lib/libQtGui.so.4
#23 0xb4a645e5 in QMenu::mouseReleaseEvent(QMouseEvent*) ()
    from /usr/lib/libQtGui.so.4
#24 0xb461009f in QWidget::event(QEvent*) () from /usr/lib/libQtGui.so.4
#25 0xb4a64aec in QMenu::event(QEvent*) () from /usr/lib/libQtGui.so.4
#26 0xb45b6f6c in QApplicationPrivate::notify_helper(QObject*, QEvent*) ()
    from /usr/lib/libQtGui.so.4
```

```

#27 0xb45bc462 in QApplication::notify(QObject*, QEvent*) ()
    from /usr/lib/libQtGui.so.4
#28 0xb5a321e1 in QgsApplication::notify(QObject*, QEvent*) ()
    from /usr/lib/libqgis_core.so.1.9.0
#29 0xb50bb9fe in QApplication::notifyInternal(QObject*, QEvent*) ()
    from /usr/lib/libQtCore.so.4
#30 0xb45b7dd4 in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**, QPointer<QWidget>&,
bool) ()
    from /usr/lib/libQtGui.so.4
---Type <return> to continue, or q <return> to quit---
#31 0xb4640132 in ?? () from /usr/lib/libQtGui.so.4
#32 0xb463ef63 in QApplication::x11ProcessEvent(_XEvent*) ()
    from /usr/lib/libQtGui.so.4
#33 0xb4668504 in ?? () from /usr/lib/libQtGui.so.4
#34 0xb3c1c733 in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#35 0xb3c1cad0 in ?? () from /usr/lib/libglib-2.0.so.0
#36 0xb3c1cbb1 in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#37 0xb50ed821 in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/libQtCore.so.4
#38 0xb46680ea in ?? () from /usr/lib/libQtGui.so.4
#39 0xb50ba4dc in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/libQtCore.so.4
#40 0xb50ba7d1 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) ()
    from /usr/lib/libQtCore.so.4
#41 0xb50bfa6a in QApplication::exec() () from /usr/lib/libQtCore.so.4
#42 0xb45b4dd4 in QApplication::exec() () from /usr/lib/libQtGui.so.4
#43 0x080ff571 in main ()

```

#6 - 2012-08-23 03:36 AM - Marco Hugentobler

- Status changed from Open to Feedback

Just did a quick test with master branch on Linux, and I can print a semitransparent raster to pdf without problem. To which format did you print when you had the crash?

#7 - 2012-08-23 04:18 PM - Alister Hood

What do you mean by "format"?

I tried printing to printers, both virtual pdf printers and real printers. In linux I use the latest version of CUPS, so I guess it sends the job as PDF rather than PS. But in Windows it would be PS, wouldn't it?

Also, when I tried the "print to file" feature which is built into the print system, it crashed on Windows, but I think it was OK on Linux.

#8 - 2012-08-23 04:19 PM - Alister Hood

I presume you did test as I described:

| with "print to raster" unchecked

#9 - 2012-10-07 06:00 AM - Giovanni Manghi

No crash here either. Can you share a sample project that does not work for you?

#10 - 2012-10-08 01:01 AM - Alister Hood

I think the behaviour may have changed slightly in latest master. With qgis-dev from OSGEO4W (048a07a), the attached project crashes if I try to print. If I remove the vector layer from the project, there is no crash, but the printout is blank. If I don't remove the vector layer, but change the transparency of the rasters to zero, then there is no crash and the printout is not blank... but it has a large number of pages (I guess something to do with the Atlas integration).

#11 - 2012-10-08 01:12 AM - Alister Hood

- File transparency_issue.zip added

Oh - the file was too big to upload. Try this.

#12 - 2012-10-20 07:14 PM - Alister Hood

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

Seems to be fixed in current master

Files

transparency_issue.zip	4.27 MB	2012-10-07	Alister Hood
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