

QGIS Application - Bug report #15689

crashing when opening a project containing WMS layers

2016-10-11 06:04 AM - Gavin Fleming

Status: Closed	
Priority: High	
Assignee:	
Category: Project Loading/Saving	
Affected QGIS version: 2.16.3	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: not reproducible
Crashes QGIS or corrupts data: Yes	Copied to github as #: 23612

Description

I often have this problem - when I open a project containing WMS layers, it crashes and I have to create it from scratch again.

in gdb:

```
[New Thread 0x7fff98b700 (LWP 14541)]
Warning: Loading a file that was saved with an older version of qgis (saved in 2.16.2, loaded in 2.16.3). Problems may occur.
Warning: void DBusMenuExporterPrivate::fillLayoutItem(DBusMenuLayoutItem*, QMenu*, int, int, const QStringList&): No id for
action
Warning: QImage::setColor: Index out of bound 0
[New Thread 0x7fff3dde9700 (LWP 14542)]
Warning: QImage::setColor: Index out of bound 0
Warning: QImage::setColor: Index out of bound 0
Warning: QImage::setColor: Index out of bound 0
Warning: QImage::setColor: Index out of bound 0
Warning: QImage::setColor: Index out of bound 0
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:

Thread 1 "qgis" received signal SIGSEGV, Segmentation fault.
0x00007ffff4f25c18 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
(gdb)
```

no gdb:

```
bin/qgis-2.16.sh
Warning: loading of qgis translation failed [/usr/local/qgis-2.16/share/qgis/i18n//qgis_en_ZA]
Warning: loading of qt translation failed [/usr/share/qt4/translations/qt_en_ZA]
Warning: QCss::Parser - Failed to load file "/style.qss"
Warning: QLayout: Attempting to add QLayout "" to QgsPanelWidgetStack "mWidgetStack", which already has a layout
Warning: QVariantMap DBusMenuExporterDBus::getProperties(int, const QStringList&) const: Condition failed: action
Warning: QVariantMap DBusMenuExporterDBus::getProperties(int, const QStringList&) const: Condition failed: action
module tweepy found
Warning: void DBusMenuExporterPrivate::addAction(QAction*, int): Already tracking action "Search QMS" under id 357
Warning: void DBusMenuExporterPrivate::addAction(QAction*, int): Already tracking action "Terms of Service / About" under id
414
couldn't create image from ""
couldn't create image from ""
couldn't create image from ""
No handlers could be found for logger "sentry.errors"
```

couldn't create image from ""

Warning: void DbusMenuExporterPrivate::fillLayoutItem(DBusMenuLayoutItem*, QMenu*, int, int, const QStringList&): No id for action

Warning: void DbusMenuExporterPrivate::fillLayoutItem(DBusMenuLayoutItem*, QMenu*, int, int, const QStringList&): No id for action

Warning: Loading a file that was saved with an older version of qgis (saved in 2.16.2, loaded in 2.16.3). Problems may occur.

Warning: void DbusMenuExporterPrivate::fillLayoutItem(DBusMenuLayoutItem*, QMenu*, int, int, const QStringList&): No id for action

Warning: QImage::setColor: Index out of bound 0

Warning: QImage::setColor: Index out of bound 0

Warning: QImage::setColor: Index out of bound 0

Warning: QImage::setColor: Index out of bound 0

Warning: QImage::setColor: Index out of bound 0

Warning: QImage::setColor: Index out of bound 0

bin/qgis-2.16.sh: line 8: 15069 Segmentation fault (core dumped) \$PREFIX/bin/qgis

Also affects 2.14, 2.8

same symptoms as #2927

History

#1 - 2016-10-11 10:35 AM - Nyal Dawson

- Status changed from Open to Feedback

Can you provide a backtrace from gdb? (Type 'bt')

Are you able to share your project?

#2 - 2016-10-11 12:36 PM - Gavin Fleming

- File *WMS_comparison.qgs* added

The guilty project file is attached. The localhost layer won't work for you as it is an ssh tunnel.

Thread 1 "qgis" received signal SIGSEGV, Segmentation fault.

0x00007ffff4f25c18 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

(gdb) bt

Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:

Python Exception <class 'ImportError'> This package should not be accessible on Python 3. Either you are trying to run from the python-future src folder or your installation of python-future is corrupted.:

#0 0x00007ffff4f25c18 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

#1 0x00007ffff4da6f5f in QWidgetPrivate::paintBackground(QPainter*, QRegion const&, int) const ()

from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:

#2 0x00007ffff4da7ebe in QWidgetPrivate::drawWidget(QPaintDevice*, QRegion const&, QPoint const&, int, QPainter*, QWidgetBackingStore*)

() from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:

#3 0x00007ffff4f7c6c8 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:

```

#4 0x00007ffff4d9ac50 in QWidgetPrivate::syncBackingStore() ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#5 0x00007ffff4dad9b8 in QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#6 0x00007ffff51919b3 in QMainWindow::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#7 0x00007ffff754cb1b in QgisApp::event(QEvent*) () from /usr/local/qgis-2.16/lib/libqgis_app.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#8 0x00007ffff4d56fdc in QApplicationPrivate::notify_helper(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#9 0x00007ffff4d5df16 in QApplication::notify(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#10 0x00007ffff60e1da7 in QgsApplication::notify(QObject*, QEvent*) ()
    from /usr/local/qgis-2.16/lib/libqgis_core.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#11 0x00007ffff5a1090d in QCoreApplication::notifyInternal(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#12 0x00007ffff4f7e2de in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#13 0x00007ffff4d9d4b5 in QWidget::repaint(QRect const&) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#14 0x00007ffff4d9d513 in QWidget::repaint() () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#15 0x00007ffff758aa97 in QgisApp::showProgress(int, int) ()
    from /usr/local/qgis-2.16/lib/libqgis_app.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#16 0x00007ffff79b06b5 in QgisApp::qt_static_metacall(QObject*, QMetaObject::Call, int, void**) ()
    from /usr/local/qgis-2.16/lib/libqgis_app.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#17 0x00007ffff5a25010 in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#18 0x00007ffff659c428 in QgsProject::layerLoaded(int, int) ()
    from /usr/local/qgis-2.16/lib/libqgis_core.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#19 0x00007ffff62b3045 in QgsProject::_getMapLayers(QDomDocument const&, QList<QDomNode>&) ()
    from /usr/local/qgis-2.16/lib/libqgis_core.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#20 0x00007ffff62b4690 in QgsProject::read() () from /usr/local/qgis-2.16/lib/libqgis_core.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#21 0x00007ffff62b3a37 in QgsProject::read(QFileInfo const&) ()
    from /usr/local/qgis-2.16/lib/libqgis_core.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#22 0x00007ffff756aa8e in QgisApp::addProject(QString const&) ()
    from /usr/local/qgis-2.16/lib/libqgis_app.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#23 0x00007ffff756df5b in QgisApp::openProject(QString const&) ()
    from /usr/local/qgis-2.16/lib/libqgis_app.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:

```

```

#24 0x00007fff771c86d in QgsWelcomePage::itemActivated(QModelIndex const&) ()
    from /usr/local/qgis-2.16/lib/libqgis_app.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#25 0x00007fff79bc405 in QgsWelcomePage::qt_static_metacall(QObject*, QMetaObject::Call, int, void**)
    () from /usr/local/qgis-2.16/lib/libqgis_app.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#26 0x00007fff5a25010 in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#27 0x00007fff52932c5 in QAbstractItemView::activated(QModelIndex const&) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#28 0x00007fff529cc18 in QAbstractItemView::mouseDoubleClickEvent(QMouseEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#29 0x00007fff4dae450 in QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#30 0x00007fff5176cee in QFrame::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#31 0x00007fff529c663 in QAbstractItemView::viewportEvent(QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#32 0x00007fff5a10a76 in QCoreApplicationPrivate::sendThroughObjectEventFilters(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#33 0x00007fff4d56fbc in QApplicationPrivate::notify_helper(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#34 0x00007fff4d5e0d6 in QApplication::notify(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
---Type <return> to continue, or q <return> to quit---
#35 0x00007fff60e1da7 in QgsApplication::notify(QObject*, QEvent*) ()
    from /usr/local/qgis-2.16/lib/libqgis_core.so.2.16.3
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#36 0x00007fff5a1090d in QCoreApplication::notifyInternal(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#37 0x00007fff4d5d6dd in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**,
QPointer<QWidget>&, bool) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#38 0x00007fff4ddb3f2 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#39 0x00007fff4ddac83 in QApplication::x11ProcessEvent(_XEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#40 0x00007fff4e04542 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#41 0x00007ffed4e91a7 in g_main_context_dispatch () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#42 0x00007ffed4e9400 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#43 0x00007ffed4e94ac in g_main_context_iteration () from /lib/x86_64-linux-gnu/libglib-2.0.so.0

```

```
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#44 0x00007ffff5a412ae in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#45 0x00007ffff4e04616 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#46 0x00007ffff5a0f18f in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#47 0x00007ffff5a0f4f5 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#48 0x00007ffff5a154b9 in QCoreApplication::exec() () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
#49 0x000000000040a30d in main ()
Python Exception <class 'NameError'> Installation error: gdb.execute_unwinders function is missing:
```

#3 - 2016-10-11 09:01 PM - Nyall Dawson

Hmmm not much to go on there. Are you able to self build a debug version? I can't reproduce any crash with the project, but it's probably because of the missing WMS layer

#4 - 2016-10-13 04:09 AM - Martin Dobias

Hi Gavin

Few questions :-)

- can you confirm the problem persists if you disable all plugins?
- can you confirm the problem persists in 2.18? there were some updates that may have helped
- does it matter from what kind of source the WMS layer is coming from (e.g. it only happens with your "local" server, but not "remote" servers)?
- does the project need at least two WMS layers in order to crash?
- how often would it crash? Once in ten times you open the project?

#5 - 2016-10-13 04:24 AM - Gavin Fleming

Nyall I'm not sure when I'll be able to get around to building a debug version.

Martin

It just opened for me but I hadn't opened the ssh tunnel so it complained about a missing layer. So I then opened the tunnel and came back and said OK..then it proceeded to load both layers. It seems like the first one had time to load in the meantime? When I re-opened the project with the tunnel already open, it crashed again.

- I can confirm it still crashes with all Python plugins disabled (after restart)

- I haven't built 2.18 yet
- not sure
- haven't tested thoroughly yet
- in this case every time (except in the fortuitous instance described above)

#6 - 2016-10-27 07:43 AM - Christian S

I have a similar problem that started with 2.18. My platform:
 Ubuntu 16.04 64bit, QGIS 2.18.0 from ubuntuqgis

I cannot add WMS layers to a project if I enter a tile size (for example 256 x 256) in the WMS dialog. QGIS crashes immediately after pressing "Add" in the WMS dialog.

When opening old projects (from 2.16.3) with such tiled WMS-layers in 2.18.0 QGIS crashes as well. It worked fine with QGIS 2.16.3 from ubuntuqgis.

Christian

#7 - 2016-11-08 05:26 AM - Marcus Schneider

The same problem appears in QGIS 2.18.0 for Windows 64Bit installed with the osgeo4w installer. QGIS crashes when I try to add a WMS layer with a tile size. The same layer without a tile size will work correctly. The WMS Server is a Geoserver 2.10.0. There where no problem with QGIS 2.16.3.

#8 - 2016-11-08 05:32 PM - Martin Dobias

Christian / Marcus: your problem involving crash with tiled WMS in 2.18 has been reported in #15799 and fixed (was introduced within 2.18 development). The issue Gavin reported is a different problem as it has been reported for 2.16

#9 - 2017-01-02 08:13 AM - Giovanni Manghi

- *Category set to Project Loading/Saving*
- *Status changed from Feedback to Open*
- *Priority changed from Normal to High*
- *Crashes QGIS or corrupts data changed from No to Yes*

#10 - 2017-03-07 07:28 AM - Giovanni Manghi

- *Resolution set to not reproducible*
- *Status changed from Open to Closed*

I played a while with the attached project, adding other wms layers, reprojecting, etc. No crashes on 2.18.4 on Ubuntu 16.04

I assume the issue could have been fixed. Please reopen if is not.

Files

WMS_comparison.qgs	8.05 KB	2016-10-11	Gavin Fleming
--------------------	---------	------------	---------------