

QGIS Application - Bug report #8236

SIGABRT when removes an favourites item from browser

2013-07-08 05:28 AM - Salvatore Larosa

Status:	Closed	
Priority:	Severe/Regression	
Assignee:		
Category:	Browser	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 17048
Description		
<p>Adding and removing a folder to favorites makes QGIS to crash.</p>		
<p>Stacktrace:</p>		
<p>Program received signal SIGABRT, Aborted. 0x00007ffff046a475 in raise () from /lib/x86_64-linux-gnu/libc.so.6 (gdb) bt #0 0x00007ffff046a475 in raise () from /lib/x86_64-linux-gnu/libc.so.6 #1 0x00007ffff046d6f0 in abort () from /lib/x86_64-linux-gnu/libc.so.6 #2 0x00000000005616ea in myMessageOutput (type=QtFatalMsg, msg=0x15395d8 "ASSERT: \"i >= 0\" in file /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsdataitem.cpp, line 260") at /home/sam/pacchetti_gis/Quantum-GIS/src/app/main.cpp:285 #3 0x00007ffff33e8630 in qt_message_output(QtMsgType, char const*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4 #4 0x00007ffff33e8a98 in ?? () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4 #5 0x00007ffff33e8c24 in qFatal(char const*, ...) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4 #6 0x00007ffff4913912 in QgsDataItem::deleteChildItem (this=0x1c1b0f0, child=0x4ef7f50) at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsdataitem.cpp:260 #7 0x00007ffff4918217 in QgsFavouritesItem::removeDirectory (this=0x1c1b0f0, item=0x4ef7f50) at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsdataitem.cpp:734 #8 0x00007ffff48ff572 in QgsBrowserModel::removeFavourite (this=0x4d47b30, index=...) at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsbrowsermodel.cpp:462 #9 0x000000000060881d in QgsBrowserDockWidget::removeFavourite (this=0x1396f80) at /home/sam/pacchetti_gis/Quantum-GIS/src/app/qgsbrowserdockwidget.cpp:386 #10 0x00000000008ce79c in QgsBrowserDockWidget::qt_static_metacall (_o=0x1396f80, _c=QMetaObject::InvokeMetaMethod, _id=4, _a=0x7fffffc0b0) at /home/sam/pacchetti_gis/Quantum-GIS/build-master/src/app/moc_qgsbrowserdockwidget.cxx:72 #11 0x00007ffff350354f in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4 #12 0x00007ffff2891502 in QAction::triggered(bool) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4 ---Type <return> to continue, or q <return> to quit--- #13 0x00007ffff28916f0 in QAction::activate(QAction::ActionEvent) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4 #14 0x00007ffff2ccb413 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4 #15 0x00007ffff2cd1729 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4 #16 0x00007ffff28e6e10 in QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4 #17 0x00007ffff2cd29db in QMenu::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4 #18 0x00007ffff289770c in QApplicationPrivate::notify_helper(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4</p>		

```
#19 0x00007ffff289c3eb in QApplication::notify(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#20 0x00007ffff48f2b58 in QgsApplication::notify (this=0x7fffffd890, receiver=0x4eeab50, event=
    0x7fffffcb50) at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsapplication.cpp:242
#21 0x00007ffff34edb5e in QCoreApplication::notifyInternal(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#22 0x00007ffff289854b in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**,
    QPointer<QWidget>&, bool) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#23 0x00007ffff2912e8c in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#24 0x00007ffff2911d51 in QApplication::x11ProcessEvent(_XEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#25 0x00007ffff2938bc2 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#26 0x00007ffff77355 in g_main_context_dispatch () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#27 0x00007ffff77688 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#28 0x00007ffff77744 in g_main_context_iteration () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
---Type <return> to continue, or q <return> to quit---
#29 0x00007ffff351c276 in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
    /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#30 0x00007ffff293883e in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#31 0x00007ffff34ec8af in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#32 0x00007ffff34ecb38 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#33 0x00007ffff34f1cf8 in QCoreApplication::exec() () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#34 0x0000000000564349 in main (argc=1, argv=0x7fffffe388)
    at /home/sam/pacchetti_gis/Quantum-GIS/src/app/main.cpp:1020
```

Associated revisions

Revision 83cf4be9 - 2013-07-09 10:22 AM - Jürgen Fischer

browser: fix crash when removing favourite items from the directory tree (fixes #8236)

History

#1 - 2013-07-08 01:01 PM - Daniel Vaz

I can't replicate in qgis master.

#2 - 2013-07-08 01:44 PM - Jürgen Fischer

- Status changed from Open to Feedback

I can't either.

#3 - 2013-07-08 01:54 PM - Salvatore Larosa

I am able to reproduce it using the right click and selecting "Add as favourites" and then "Remove favourites" on the same directory.

I also tried it with 1.8 on the same machine and has worked fine.

#4 - 2013-07-08 02:00 PM - Salvatore Larosa

...and I can confirm the crash even on Windows XP !

#5 - 2013-07-08 02:38 PM - Daniel Vaz

Sorry, I was not able to reproduce it with these steps (right click -> add as favorite -> remove favorite)

I am using QGIS (github) master compiled version.

#6 - 2013-07-08 03:22 PM - Salvatore Larosa

Very strange, maybe a Qt issue ?

I don't think it is a local problem as I tried on different machine and I always got the crash.

We need other feedbacks !

Linux:

QGIS version 1.9.0-Master
QGIS code revision bf1d1b0
Compiled against Qt 4.8.2
Running against Qt 4.8.2
Compiled against GDAL/OGR 1.10.0
Running against GDAL/OGR 1.10.0
GEOS Version 3.3.8
PostgreSQL Client Version 9.1.9
SpatiaLite Version 4.0.0
QWT Version 5.2.2
PROJ.4 Version 470
QScintilla2 Version 2.7.2

Windows XP (OSGeo4W):

QGIS version 1.9.0-Master
QGIS code revision d37e03b
Compiled against Qt 4.7.1
Running against Qt 4.7.1
Compiled against GDAL/OGR 1.9.2
Running against GDAL/OGR 1.9.2
GEOS Version 3.3.8
PostgreSQL Client Version 8.3.10
SpatiaLite Version 3.0.1
QWT Version 5.2.1
PROJ.4 Version 480

#7 - 2013-07-09 12:15 AM - Matthias Kuhn

It runs into a Q_ASSERT in qgsdataitem.cpp:260

If you could adjust the debug output to include messages of level 2, there would be some output just before ("mName =") which could help indicating which item is subject to being removed although not present in the tree.

#8 - 2013-07-09 01:02 AM - Salvatore Larosa

Hi Matthias,

I did set QGIS_BEBUG=2 and I can see the mName var,
but I don't understand as it might helps !

I noticed the crash just occurs when I use the
'Remove favourites' by right clicking on the folder to remove.

#9 - 2013-07-09 01:06 AM - Giovanni Manghi

| *We need other feedbacks !*

O also get the crash, you must click on "remove favorite" on the actual folder you added as favorite, not in the folder in the "favorites" category.

#10 - 2013-07-09 01:22 AM - Jürgen Fischer

- *Status changed from Feedback to Closed*

Fixed in changeset commit:"83cf4be9f68203c18949e4d548e0b3014ac99839".