

QGIS Application - Bug report #18118

Right-clicking on a recent project that has been moved/deleted causes a crash

2018-02-15 11:28 PM - Damien Smith

Status:	Closed	
Priority:	Low	
Assignee:		
Category:	GUI	
Affected QGIS version:	master	Regression?: No
Operating System:	Windows 10 x64 1511 10586.962	Easy fix?: Yes
Pull Request or Patch supplied:	No	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 26012

Description

User Feedback

I was right-clicking on the recent projects screen to remove a project from the list. I suspect the project had been moved in the file system.

Report Details

Crash ID: 8e2cbf6318ed8bfa6a441c736087d8057d3ac7e8

Stack Trace

```
QString::indexOf :
QDir::fromNativeSeparators :
QFileSystemWatcher::trUtf8 :
QFileInfo::exists :
QgsWelcomePageItemsModel::flags qgswelcomepageitemsmodel.cpp:211
QModelIndex::flags :
QAbstractItemView::focusInEvent :
QWidget::event :
QFrame::event :
QAbstractScrollArea::event :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify qgsapplication.cpp:317
QCoreApplication::notifyInternal2 :
QApplicationPrivate::setFocusWidget :
QWidget::setFocus :
QApplication::setActiveWindow :
QApplicationPrivate::notifyActiveWindowChange :
QGuiApplicationPrivate::processActivatedEvent :
QWindowSystemInterface::sendWindowSystemEvents :
QEventDispatcherWin32::processEvents :
DispatchMessageW :
DispatchMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :
main main.cpp:1431
WinMain mainwin.cpp:156
__scrt_common_main_seh exe_common.inl:253
BaseThreadInitThunk :
RtlUserThreadStart :
```

QGIS Info

QGIS Version: 2.99.0-Master

QGIS code revision: commit:b6ad920404

Compiled against Qt: 5.9.2

Running against Qt: 5.9.2

Compiled against GDAL: 2.2.3

Running against GDAL: 2.2.3

System Info

CPU Type: x86_64

Kernel Type: winnt

Kernel Version: 10.0.10586

Associated revisions

Revision 4b5fc403 - 2018-02-17 11:00 PM - Salvatore Larosa

[welcomepage] fixes #18118 remove last item causes a crash

Revision da7ccf7d - 2018-02-19 11:52 PM - Nyall Dawson

Merge pull request #6369 from slarosa/fix_18118_crash

[welcomepage] fixes #18118 remove last item causes a crash

History

#1 - 2018-02-16 02:19 PM - Richard Duivenvoorde

Is this reproducible by you on your machine?

Here I tried to test this by creating 3 projects in /tmp, then remove one of the project files of it and then reopening QGIS.

While the removed project is grayed out, I can happily use the right click menu there and remove it from the list...

Mmm, I had a crash at a certain moment, just after removing an (existing) project from the projectlist:

```
Fatal: ASSERT failure in QList<T>::at: "index out of range", file /usr/include/x86_64-linux-gnu/qt5/QtCore/qlist.h, line 541
```

```
QGIS died on signal -1[New LWP 16353]
```

```
[New LWP 16354]
```

```
[New LWP 16355]
```

Will try with gdb

#2 - 2018-02-16 02:24 PM - Richard Duivenvoorde

QGIS code revision

3836cd32f0

Just after removing (a last) item from the last projects list (via right click menu):

```
src/core/qgsscoordinatetransform_p.cpp: 210: (initialize) [1050ms] Source/Dest CRS not equal, shortcircuit is not set.
```

```
Fatal: ASSERT failure in QList<T>::at: "index out of range", file /usr/include/x86_64-linux-gnu/qt5/QtCore/qlist.h, line 541
```

```
QGIS died on signal -1warning: process 17194 is already traced by process 17169
```

```
ptrace: Operation not permitted.
```

No thread selected

No stack.

gdb returned 0

Thread 1 "qgis" received signal SIGABRT, Aborted.

__GI_raise (sig=sig@entry=6) at ../sysdeps/unix/sysv/linux/raise.c:51

51 ../sysdeps/unix/sysv/linux/raise.c: No such file or directory.

(gdb) bt

#0 __GI_raise (sig=sig@entry=6) at ../sysdeps/unix/sysv/linux/raise.c:51

#1 0x00007ffff96b9cf7 in __GI_abort () at abort.c:90

#2 0x0000555555556081a in qgisCrash (signal=-1) at /home/richard/dev/qgis/git/qgis/src/app/main.cpp:337

#3 0x00005555555560a6c in myMessageOutput (type=QtFatalMsg,

msg=0x7fffc800b708 "ASSERT failure in QList<T>::at: \"index out of range\", file /usr/include/x86_64-linux-gnu/qt5/QtCore/qList.h, line 541")
at /home/richard/dev/qgis/git/qgis/src/app/main.cpp:390

#4 0x00007ffff96a005da in ?? () from /lib/x86_64-linux-gnu/libQt5Core.so.5

#5 0x00007ffff96a020ae in QMessageLogger::fatal(char const*, ...) const () from /lib/x86_64-linux-gnu/libQt5Core.so.5

#6 0x00007ffff96a5fd5fa in qt_assert_x(char const*, char const*, char const*, int) () from /lib/x86_64-linux-gnu/libQt5Core.so.5

#7 0x00007ffff711e109 in QList<QgsWelcomePageItemsModel::RecentProjectData>::at (this=0x55555630d690, i=0) at
/usr/include/x86_64-linux-gnu/qt5/QtCore/qList.h:541

#8 0x00007ffff72d7239 in QgsWelcomePageItemsModel::flags (this=0x55555630d680, index=...) at
/home/richard/dev/qgis/git/qgis/src/app/qgswelcomepageitemsmodel.cpp:206

#9 0x00007ffff96aa5553 in QAbstractItemView::focusInEvent(QFocusEvent*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#10 0x00007ffff968914ff in QWidget::event(QEvent*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#11 0x00007ffff931b9e in QFrame::event(QEvent*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#12 0x00007ffff93abc3 in QAbstractScrollArea::event(QEvent*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#13 0x00007ffff96aa4dcb in QAbstractItemView::event(QEvent*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#14 0x00007ffff9685263c in QApplicationPrivate::notify_helper(QObject*, QEvent*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#15 0x00007ffff96859f04 in QApplication::notify(QObject*, QEvent*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#16 0x00007ffff940b702b in QgsApplication::notify (this=0x7ffff9ffcd40, receiver=0x55555630b610, event=0x7ffff9ffc710)
at /home/richard/dev/qgis/git/qgis/src/core/qgsapplication.cpp:317

#17 0x00007ffff96a7f5258 in QCoreApplication::notifyInternal2(QObject*, QEvent*) () from /lib/x86_64-linux-gnu/libQt5Core.so.5

#18 0x00007ffff96857abe in QApplicationPrivate::setFocusWidget(QWidget*, Qt::FocusReason) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#19 0x00007ffff9688b4ef in QWidget::setFocus(Qt::FocusReason) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#20 0x00007ffff96857f4b in QApplication::setActiveWindow(QWidget*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#21 0x00007ffff96858043 in QApplicationPrivate::notifyActiveWindowChange(QWindow*) () from /lib/x86_64-linux-gnu/libQt5Widgets.so.5

#22 0x00007ffff96b0e3af5 in QGuiApplicationPrivate::processActivatedEvent(QWindowSystemInterfacePrivate::ActivatedWindowEvent*) () from
/lib/x86_64-linux-gnu/libQt5Gui.so.5

#23 0x00007ffff96b0e3d4d in QGuiApplicationPrivate::processWindowSystemEvent(QWindowSystemInterfacePrivate::WindowSystemEvent*) ()
from /lib/x86_64-linux-gnu/libQt5Gui.so.5

#24 0x00007ffff96b0bbcab in QWindowSystemInterface::sendWindowSystemEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
/lib/x86_64-linux-gnu/libQt5Gui.so.5

#25 0x00007ffff96d09fad50 in ?? () from /lib/x86_64-linux-gnu/libQt5XcbQpa.so.5

#26 0x00007ffff964dbdf67 in g_main_context_dispatch () from /lib/x86_64-linux-gnu/libglib-2.0.so.0

#27 0x00007ffff964dbe1a0 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0

#28 0x00007ffff964dbe22c in g_main_context_iteration () from /lib/x86_64-linux-gnu/libglib-2.0.so.0

#29 0x00007ffff96a84e0ef in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
/lib/x86_64-linux-gnu/libQt5Core.so.5

#30 0x00007ffff96a7f32aa in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from /lib/x86_64-linux-gnu/libQt5Core.so.5

#31 0x00007ffff96a7fc214 in QCoreApplication::exec() () from /lib/x86_64-linux-gnu/libQt5Core.so.5

#32 0x0000555555556683f in main (argc=1, argv=0x7ffff9ffe0f8) at /home/richard/dev/qgis/git/qgis/src/app/main.cpp:1431

(gdb)

#3 - 2018-02-19 11:52 PM - Salvatore Larosa

- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|4b5fc4037962ede212a8317611085368446a9a23.

#4 - 2018-02-21 05:43 PM - Giovanni Manghi

- Resolution set to fixed/implemented