

## QGIS Application - Bug report #8221

### QGIS Crashes when saving the project and corrupt project file

2013-07-05 02:15 AM - Michael Douchin

|                                                                                                                                                                                                                                                                                       |                        |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------|
| <b>Status:</b>                                                                                                                                                                                                                                                                        | Closed                 |                                     |
| <b>Priority:</b>                                                                                                                                                                                                                                                                      | Severe/Regression      |                                     |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                      | Nathan Woodrow         |                                     |
| <b>Category:</b>                                                                                                                                                                                                                                                                      | Project Loading/Saving |                                     |
| <b>Affected QGIS version:</b>                                                                                                                                                                                                                                                         | master                 | <b>Regression?:</b> No              |
| <b>Operating System:</b>                                                                                                                                                                                                                                                              | Ubuntu 12.04 LTS       | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch applied:</b>                                                                                                                                                                                                                                                 | No                     | <b>Resolution:</b>                  |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                 | Yes                    | <b>Copied to github as #:</b> 17035 |
| <b>Description</b>                                                                                                                                                                                                                                                                    |                        |                                     |
| <b>Version</b> QGIS master version b7d7076                                                                                                                                                                                                                                            |                        |                                     |
| <b>Issue</b> : With an existing opened project, when you load a layer from the browser, then click on the Save button, QGIS crashes and corrupts the project file (project file size then : 0 ko). If the layer is loaded with the Add Vector layer menu, everything is ok            |                        |                                     |
| <b>How to reproduce</b>                                                                                                                                                                                                                                                               |                        |                                     |
| <ul style="list-style-type: none"><li>- open the attached project debug.qgs</li><li>- open the attached shapefile with the classical "add vector layer" menu, the save --&gt; Ok</li><li>- open the attached shapefile with the browser panel Then save --&gt; QGIS crashes</li></ul> |                        |                                     |

#### Associated revisions

**Revision 36bf49de - 2013-07-09 08:15 PM - Jürgen Fischer**

browser: emit layoutAboutToBeChanged() before destroying home item (fixes #8221)

#### History

**#1 - 2013-07-06 01:14 AM - Michael Douchin**

- Category changed from Browser to Project Loading/Saving

**#2 - 2013-07-06 11:31 AM - Daniel Vaz**

sorry, I can't reproduce with these steps. master 7d273b1eed

**#3 - 2013-07-08 06:27 AM - Salvatore Larosa**

I can reproduce here and I guess it is a Browser issue.

Stacktrace on the crash:

```
Program received signal SIGSEGV, Segmentation fault.
0x0000000001224a40 in ?? ()
(gdb) bt
#0 0x0000000001224a40 in ?? ()
#1 0x00007ffff48fdfad in QgsBrowserModel::flags (this=0x4d756a0, index=...)
    at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsbrowsermodel.cpp:170
```

```

#2 0x00007ffff2e1e4eb in QSortFilterProxyModel::flags(QModelIndex const&) const ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#3 0x00007ffff2df2572 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#4 0x00007ffff2df2603 in QItemSelection::indexes() const ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#5 0x00007ffff2df7cfb in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#6 0x00007ffff2df8a89 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#7 0x00007ffff350354f in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#8 0x00007ffff2e20a51 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#9 0x00007ffff350354f in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#10 0x00007ffff48fd063 in QgsBrowserModel::updateProjectHome (this=0x4d756a0)
    at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsbrowsermodel.cpp:53
#11 0x00007ffff4b9abc1 in QgsBrowserModel::qt_static_metacall (_o=0x4d756a0,
    _c=QMetaObject::InvokeMetaMethod, _id=7, _a=0x7fffffb6e0)
    at /home/sam/pacchetti_gis/Quantum-GIS/build-master/src/core/moc_qgsbrowsermodel.cxx:70
#12 0x00007ffff350354f in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#13 0x00007ffff4b9f6f9 in QgsProject::writeProject (this=0x118fd40, _t1=...)
---Type <return> to continue, or q <return> to quit---
    at /home/sam/pacchetti_gis/Quantum-GIS/build-master/src/core/moc_qgsproject.cxx:129
#14 0x00007ffff4a1d9dd in QgsProject::write (this=0x118fd40)
    at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsproject.cpp:985
#15 0x0000000000586a1f in QgisApp::fileSave (this=0x1033910)
    at /home/sam/pacchetti_gis/Quantum-GIS/src/app/qgisapp.cpp:3656
#16 0x00000000008cb67b in QgisApp::qt_static_metacall (_o=0x1033910,
    _c=QMetaObject::InvokeMetaMethod, _id=136, _a=0x7fffffc1f0)
    at /home/sam/pacchetti_gis/Quantum-GIS/build-master/src/app/moc_qgisapp.cxx:669
#17 0x00007ffff350354f in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#18 0x00007ffff2891502 in QAction::triggered(bool) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#19 0x00007ffff28916f0 in QAction::activate(QAction::ActionEvent) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#20 0x00007ffff2c5185f in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#21 0x00007ffff2c51b0c in QAbstractButton::mouseReleaseEvent(QMouseEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#22 0x00007ffff2d0ba8a in QToolButton::mouseReleaseEvent(QMouseEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

#23 0x00007ffff28e6e10 in QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#24 0x00007ffff289770c in QApplicationPrivate::notify_helper(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#25 0x00007ffff289c3eb in QApplication::notify(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
---Type <return> to continue, or q <return> to quit---
#26 0x00007ffff48f2b58 in QgsApplication::notify (this=0x7fffffd890, receiver=0x1087010, event=
    0x7fffffcb50) at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsapplication.cpp:242
#27 0x00007ffff34edb5e in QCoreApplication::notifyInternal(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#28 0x00007ffff289854b in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**,
    QPointer<QWidget>&, bool) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#29 0x00007ffff2912fc4 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

```

#30 0x00007ffff2911d51 in QApplication::x11ProcessEvent(\_XEvent\*) ()  
from /usr/lib/x86\_64-linux-gnu/libQtGui.so.4  
#31 0x00007ffff2938bc2 in ?? () from /usr/lib/x86\_64-linux-gnu/libQtGui.so.4  
#32 0x00007ffffed77355 in g\_main\_context\_dispatch () from /lib/x86\_64-linux-gnu/libglib-2.0.so.0  
#33 0x00007ffffed77688 in ?? () from /lib/x86\_64-linux-gnu/libglib-2.0.so.0  
#34 0x00007ffffed77744 in g\_main\_context\_iteration () from /lib/x86\_64-linux-gnu/libglib-2.0.so.0  
#35 0x00007ffff351c276 in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from  
/usr/lib/x86\_64-linux-gnu/libQtCore.so.4  
#36 0x00007ffff293883e in ?? () from /usr/lib/x86\_64-linux-gnu/libQtGui.so.4  
#37 0x00007ffff34ec8af in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) ()  
from /usr/lib/x86\_64-linux-gnu/libQtCore.so.4  
#38 0x00007ffff34ecb38 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) ()  
from /usr/lib/x86\_64-linux-gnu/libQtCore.so.4  
#39 0x00007ffff34f1cf8 in QCoreApplication::exec() () from /usr/lib/x86\_64-linux-gnu/libQtCore.so.4  
#40 0x0000000000564349 in main (argc=1, argv=0x7fffffe388)  
at /home/sam/pacchetti\_gis/Quantum-GIS/src/app/main.cpp:1020

#### #4 - 2013-07-09 11:15 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"36bf49de19e91896d72e0a692a06c1377f53e898".

#### #5 - 2013-07-09 12:48 PM - Michael Douchin

Thanks a lot

#### Files

|          |         |            |                 |
|----------|---------|------------|-----------------|
| test.zip | 48.5 KB | 2013-07-05 | Michael Douchin |
|----------|---------|------------|-----------------|