

# QGIS Application - Bug report #10657

## crash when opening a project with joined layers

2014-06-20 02:21 AM - Salvatore Larosa

<b>Status:</b> Closed	
<b>Priority:</b> Severe/Regression	
<b>Assignee:</b> Martin Dobias	
<b>Category:</b> Vectors	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 19056

### Description

When opening a project with joined layers I get:

Program received signal SIGABRT, Aborted.

0x00007ffff0201475 in raise () from /lib/x86\_64-linux-gnu/libc.so.6

(gdb) bt

#0 0x00007ffff0201475 in raise () from /lib/x86\_64-linux-gnu/libc.so.6

#1 0x00007ffff02046f0 in abort () from /lib/x86\_64-linux-gnu/libc.so.6

#2 0x0000000005791eb in qgisCrash (signal=-1) at /home/sam/pacchetti\_gis/QGIS/src/app/main.cpp:303

#3 0x0000000005793c2 in myMessageOutput (type=QtFatalMsg, msg=

0x8159c18 "ASSERT failure in QVector<T>::operator[]: \"index out of range\", file /usr/include/qt4/QtCore/qvector.h, line 355")

at /home/sam/pacchetti\_gis/QGIS/src/app/main.cpp:356

#4 0x00007ffff3181630 in qt\_message\_output(QtMsgType, char const\*) () from /usr/lib/x86\_64-linux-gnu/libQtCore.so.4

#5 0x00007ffff3181a98 in ?? () from /usr/lib/x86\_64-linux-gnu/libQtCore.so.4

#6 0x00007ffff3181c24 in qFatal(char const\*, ...) () from /usr/lib/x86\_64-linux-gnu/libQtCore.so.4

#7 0x0000000005e4df1 in QVector<QVariant>::operator[] (this=0x7fffffaee8, i=-1) at /usr/include/qt4/QtCore/qvector.h:355

#8 0x00007ffff4a788d6 in QgsVectorLayerJoinBuffer::cacheJoinLayer (this=0x7542160, joinInfo=...)

at /home/sam/pacchetti\_gis/QGIS/src/core/qgsvectorlayerjoinbuffer.cpp:79

#9 0x00007ffff4a78d91 in QgsVectorLayerJoinBuffer::createJoinCaches (this=0x7542160)

at /home/sam/pacchetti\_gis/QGIS/src/core/qgsvectorlayerjoinbuffer.cpp:120

#10 0x00007ffff4a57ccc in QgsVectorLayer::createJoinCaches (this=0x753bcf0)

at /home/sam/pacchetti\_gis/QGIS/src/core/qgsvectorlayer.cpp:2759

#11 0x00007ffff49e5694 in QgsProject::\_getMapLayers (this=0x14c30e0, doc=...)

at /home/sam/pacchetti\_gis/QGIS/src/core/qgsproject.cpp:739

#12 0x00007ffff49e6f2f in QgsProject::read (this=0x14c30e0) at /home/sam/pacchetti\_gis/QGIS/src/core/qgsproject.cpp:923

#13 0x00007ffff49e619b in QgsProject::read (this=0x14c30e0, file=...) at

/home/sam/pacchetti\_gis/QGIS/src/core/qgsproject.cpp:809

#14 0x0000000005a0b05 in QgsApp::addProject (this=0x1235dd0, projectFile=...)

at /home/sam/pacchetti\_gis/QGIS/src/app/qgisapp.cpp:3727

#15 0x0000000005a323d in QgsApp::openProject (this=0x1235dd0, action=0x12a7ba0)

sample project attached.

### Associated revisions

Revision c1c8aa64 - 2014-06-20 01:02 PM - Martin Dobias

Fix #10657 (crash opening a project with invalid join)

## History

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### #1 - 2014-06-20 02:22 AM - Salvatore Larosa

- Affected QGIS version changed from 2.2.0 to master

### #2 - 2014-06-20 02:41 AM - Giovanni Manghi

- Target version set to Version 2.4

- Category set to Vectors

- Priority changed from High to Severe/Regression

and it wasn't crashing in previous qgis releases.

### #3 - 2014-06-20 03:38 AM - Martin Dobias

- Assignee set to Martin Dobias

### #4 - 2014-06-20 03:53 AM - Martin Dobias

It crashes also with 2.2 for me

### #5 - 2014-06-20 04:03 AM - Giovanni Manghi

you have to go further back, 1.8.

### #6 - 2014-06-20 04:04 AM - Martin Dobias

- Status changed from Open to Closed

Fixed in changeset commit:"c1c8aa64181916d3b05c5469ed802067e3754210".

### #7 - 2014-06-20 04:11 AM - Jan Lippmann

- File *qgis-20140620-130237-7208-8412-7aa93c0.7z* added

win 7 64bit and qgis 2.2 32bit the project with joined layers works fine.

with the master 32 bit qgis crash too (see dumpfile).

QGIS-Version 2.3.0-Master QGIS-Codeversion 7aa93c0  
Kompiliert gegen Qt 4.7.1 Laufendes Qt 4.7.1  
Kompiliert mit GDAL/OGR 1.11.0 Lauft mit GDAL/OGR 1.11.0  
Kompiliert mit GEOS 3.4.2-CAPI-1.8.2 Lauft mit GEOS 3.4.2-CAPI-1.8.2 r3921  
PostgreSQL-Client-Version 8.3.10 SpatiaLite-Version 4.1.1  
QWT-Version 5.2.1 PROJ.4-Version 480  
QScintilla2-Version 2.6.2 Diese QGIS-Kopie schreibt Debugausgaben.

### #8 - 2014-06-20 07:18 AM - Salvatore Larosa

Hi Martin thanks for the quick fix.

I now get a bunch of this messages opening the attribute table (c020102 in sample project):

```
src/providers/ogr/qgsogrprovider.cpp: 2534: (setSubsetString) SQL: SELECT * FROM "istat_indirizzi" WHERE
```

```
"istat_indirizzi_edifici_id_indiriz"=1299815
```

```
src/core/qgsmessagelog.cpp: 45: (logMessage) 2014-06-20T16:01:58 OGR[1] OGR[2] error 6: Conversion failed when converting the string value  
'istat_indirizzi_edifici_id_indiriz' to data type float.
```

```
src/core/qgsmessagelog.cpp: 45: (logMessage) 2014-06-20T16:01:59 OGR[1] OGR[3] error 1: Type mismatch or improper type of arguments to =  
operator.
```

## Files

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join.zip	132 KB	2014-06-20	Salvatore Larosa
qgis-20140620-130237-7208-8412-7aa93c0.7z	4.42 MB	2014-06-20	Jan Lippmann