

# QGIS Application - Bug report #15358

## QGIS 2.16 crashes if the qt4-sqlite3 library not installed

2016-07-28 02:15 AM - vince -

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b>	
<b>Category:</b> Unknown	
<b>Affected QGIS version:</b> 2.16.0	<b>Regression?:</b> No
<b>Operating System:</b> MacOS X	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b> Yes	<b>Copied to github as #:</b> 23290

### Description

When the qt4-sqlite3 plug-in is not installed, QGIS displays an error message at start (related to the bookmarks database), as if the error wasn't fatal, then proceeds to launch. However, it crashes just after:

```
Air > lldb /Applications/MacPorts/QGIS.app/Contents/MacOS/QGIS
(lldb) target create "/Applications/MacPorts/QGIS.app/Contents/MacOS/QGIS"
Current executable set to '/Applications/MacPorts/QGIS.app/Contents/MacOS/QGIS' (x86_64).
(lldb) run
Process 53550 launched: '/Applications/MacPorts/QGIS.app/Contents/MacOS/QGIS' (x86_64)
Warning: loading of qgis translation failed [/Applications/MacPorts/QGIS.app/Contents/MacOS/../Resources/i18n//qgis_en_US]
Warning: loading of qt translation failed [/opt/local/libexec/qt4/share/translations/qt_en_US]
Warning: QSqlDatabase: QSQLITE driver not loaded
Warning: QSqlDatabase: available drivers:
ERROR: Opening of authentication db FAILED
ERROR: Unable to establish authentication database connection
ERROR: Auth db could not be created and opened
Warning: QSqlDatabase: QSQLITE driver not loaded
Warning: QSqlDatabase: available drivers:
2016-07-28 10:17:09.219 QGIS[53550:90576] modalSession has been exited prematurely - check for a reentrant call to
endModalSession:
Warning: QCss::Parser - Failed to load file "/style.qss"
Warning: QLayout: Attempting to add QLayout "" to QgsPanelWidgetStack "mWidgetStack", which already has a layout
ERROR: Opening of authentication db FAILED
Warning: QSqlQuery::prepare: database not open
WARNING: Auth db query exec() FAILED
Process 53550 stopped
* thread #1: tid = 0x161d0, 0x000000010061b05f
libqgis_app.2.16.0.dylib`QgsBookmarks::~QgsBookmarks(this=0x000000015b6c78a0) + 47 at qgsbookmarks.cpp:116, queue =
'com.apple.main-thread', stop reason = EXC_BAD_ACCESS (code=1, address=0x7fff0000032)
  frame #0: 0x000000010061b05f libqgis_app.2.16.0.dylib`QgsBookmarks::~QgsBookmarks(this=0x000000015b6c78a0) + 47
at qgsbookmarks.cpp:116
   113
   114   QgsBookmarks::~QgsBookmarks()
   115   {
-> 116     delete mQgisModel;
   117     delete mProjectModel;
   118     QSqlDatabase::removeDatabase( "bookmarks" );
   119     saveWindowLocation();
(lldb) quit
```

Proably this object has not been properly created and trying to delete it causes the crash. It could be a good idea to add a test to find out if that object exists or not.

## Associated revisions

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### Revision 285bcd05 - 2016-08-03 08:54 AM - Jürgen Fischer

fix crash when QSQLITE is unavailable (fixes #15358)

### Revision 90d3c8b9 - 2016-08-03 09:01 AM - Jürgen Fischer

fix crash when QSQLITE is unavailable (fixes #15358)

(cherry picked from commit 285bcd053c353bd99f7e8e71003f5b4bd39bde57)

### Revision 7401dd31 - 2016-08-03 09:02 AM - Jürgen Fischer

fix crash when QSQLITE is unavailable (fixes #15358)

(cherry picked from commit 285bcd053c353bd99f7e8e71003f5b4bd39bde57)

## History

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### #1 - 2016-07-28 02:17 AM - vince -

- *Crashes QGIS or corrupts data changed from No to Yes*

### #2 - 2016-07-31 09:48 AM - Matthias Kuhn

How did you install QGIS?

### #3 - 2016-08-02 01:16 AM - Giovanni Manghi

- *Status changed from Open to Feedback*

- *Subject changed from QGis 2.16 crashes if the QSQLITE plug-in is not installed to QGis 2.16 crashes if the qt4-sqlite3 library not installed*

### #4 - 2016-08-03 12:03 AM - Jürgen Fischer

- *Status changed from Feedback to Closed*

Fixed in changeset commit:"7401dd3187788ee592f690997a090fd192e01e83".

### #5 - 2017-09-22 09:55 AM - Jürgen Fischer

- *Category set to Unknown*