QGIS Application - Bug report #15358
QGis 2.16 crashes if the qt4-sqlite3 library not installed

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

Status:	Closed			
Priority:	Low			
Assignee:				
Category:	Unknown			
Affected QGIS version:	2.16.0	**Regression?:**	No	
Operating System:	MacOS X	**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**		
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	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=0x7fff00000032)

    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

Prolly 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

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

#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