

## QGIS Application - Bug report #8797

### Can not build qgis-2.0.1 without full spatialite support

2013-10-08 08:19 AM - Egor Y. Egorov eegorov

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| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Closed |                                     |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Normal |                                     |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                                     |
| <b>Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                                     |
| <b>Affected QGIS version:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2.0.1  | <b>Regression?:</b> No              |
| <b>Operating System:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No     | <b>Resolution:</b>                  |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No     | <b>Copied to github as #:</b> 17498 |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                                     |
| <p>I cant build QGIS:</p> <pre>\$ cmake ../QGIS -DCMAKE_INSTALL_PREFIX=/usr -DQGIS_MANUAL_SUBDIR=/share/man/ -DBUILD_SHARED_LIBS=ON -DQGIS_LIB_SUBDIR=lib64 -DQGIS_PLUGIN_SUBDIR=lib64/qgis -DWITH_INTERNAL_SPATIALITE=OFF -DWITH_INTERNAL_QWTPOLAR=OFF -DPEDANTIC=OFF -DWITH_APIDOC=OFF -DWITH_POSTGRESQL=ON -DWITH_GRASS=ON -DWITH_MAPSERVER=ON -DWITH_BINDINGS=ON -DBINDINGS_GLOBAL_INSTALL=ON -DWITH_SPATIALITE=OFF -DWITH_PYSPATIALITE=OFF -DWITH_GSL=ON -DENABLE_TESTS=OFF -DGRASS_PREFIX=/usr/ -DCMAKE_BUILD_TYPE=Gentoo -DCMAKE_INSTALL_DO_STRIP=OFF -- The C compiler identification is GNU 4.8.1 -- The CXX compiler identification is GNU 4.8.1 -- Check for working C compiler: /usr/bin/cc -- Check for working C compiler: /usr/bin/cc -- works -- Detecting C compiler ABI info -- Detecting C compiler ABI info - done -- Check for working CXX compiler: /usr/bin/c++ -- Check for working CXX compiler: /usr/bin/c++ -- works -- Detecting CXX compiler ABI info -- Detecting CXX compiler ABI info - done -- QGIS version: 2.0.1 Dufour (20001) -- Found GRASS: /usr/ (6.4.2) -- Looking for openpty -- Looking for openpty - not found -- Looking for openpty -- Looking for openpty - found -- Found Proj: /usr/lib64/libproj.so -- Found GEOS: /usr/lib64/libgeos_c.so -- Found GDAL: /usr/lib64/libgdal.so (1.9.2) -- Found Expat: /usr/lib64/libexpat.so -- Found Spatialindex: /usr/lib64/libspatialindex.so -- Found Qwt: /usr/lib64/libqwt.so (5.2.1) -- Found QwtPolar: /usr/lib64/libqwtpolar.so -- Found Sqlite3: /usr/lib64/libsqlite3.so -- Found PostgreSQL: /usr/lib64/postgresql-9.2/lib64/libpq.so -- Looking for Q_WS_X11 -- Looking for Q_WS_X11 - found -- Looking for Q_WS_WIN -- Looking for Q_WS_WIN - not found -- Looking for Q_WS_QWS -- Looking for Q_WS_QWS - not found</pre> |        |                                     |

```
-- Looking for Q_WS_MAC
-- Looking for Q_WS_MAC - not found
-- Found Qt4: /usr/bin/qmake (found suitable version "4.8.4", minimum required is "4.5.0")
-- Touch support disabled
-- Found QScintilla2: /usr/lib64/qt4/libqscintilla2.so (2.7.2)
-- Found PythonInterp: /usr/bin/python (found version "2.7.5")
-- Found Python executable: /usr/bin/python
-- Found Python version: 2.7.5
-- Found Python library: /usr/lib64/libpython2.7.so
-- Found SIP version: 4.14.7
-- Found PyQt4 version: 4.10.2
-- Found QScintilla2 PyQt4 module: 2.7.2
-- Found GSL: -L/usr/lib64 -lgsl -lgslcblas -lm
-- Found FCGI: /usr/lib64/libfcgi.so
-- txt2tags not found - disabled
CMake Error: The following variables are used in this project, but they are set to NOTFOUND.
Please set them or make sure they are set and tested correctly in the CMake files:
SPATIALITE_INCLUDE_DIR
  used as include directory in directory /var/tmp/QGIS/src/core
  used as include directory in directory /var/tmp/QGIS/src/analysis
  used as include directory in directory /var/tmp/QGIS/src/analysis/network
  used as include directory in directory /var/tmp/QGIS/src/app
  used as include directory in directory /var/tmp/QGIS/src/plugins/offline_editing
SPATIALITE_LIBRARY
  linked by target "qgis_core" in directory /var/tmp/QGIS/src/core
  linked by target "offlineeditingplugin" in directory /var/tmp/QGIS/src/plugins/offline_editing

-- Configuring incomplete, errors occurred!
```

Is this feature supported? Or need always build with spatialite?

See also bug in Gentoo:

[https://bugs.gentoo.org/show\\_bug.cgi?id=485868](https://bugs.gentoo.org/show_bug.cgi?id=485868)

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## Associated revisions

**Revision e3250c17 - 2014-06-21 02:13 PM - Jürgen Fischer**

several components require spatialite, make it required (fixes #8797)

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## History

**#1 - 2013-10-08 08:20 AM - Egor Y. Egorov eegorov**

- Target version set to Version 2.0.0

**#2 - 2014-01-30 11:34 PM - Paolo Cavallini**

- Target version changed from Version 2.0.0 to Future Release - High Priority

**#3 - 2014-06-21 05:14 AM - Jürgen Fischer**

- Status changed from Open to Closed

Fixed in changeset commit:"e3250c175922398dd19997a03c8d0fcacad723c1".