

QGIS Application - Bug report #16033

In `src/core/qgis.h`, `#include <qgswkbtypes.h>` needs to be `#include <geometry/qgswkbtypes.h>`.

Error: `core/qgis.h:35:25: fatal error: qgswkbtypes.h: No such file or directory.`

2017-01-03 09:49 AM - Drei Eck

Status: Closed	
Priority: Normal	
Assignee:	
Category: Build/Install	
Affected QGIS version: 2.18.2	Regression?: No
Operating System: arch linux	Easy fix?: No
Pull Request or Patch Supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 23948

Description

When building qgis 2.18.2, I get the error

```
[...]
Scanning dependencies of target compassplugin
[ 91%] Building CXX object src/plugins/compass/CMakeFiles/compassplugin.dir/qgscompassplugin.cpp.o
In file included from /tmp/qgis/src/qgis-2.18.2/src/plugins/compass/../../gui/qgisinterface.h:50:0,
      from /tmp/qgis/src/qgis-2.18.2/src/plugins/compass/qgscompassplugin.cpp:22:
/tmp/qgis/src/qgis-2.18.2/src/plugins/compass/../../core/qgis.h:35:25: fatal error: qgswkbtypes.h: No such file or directory
#include <qgswkbtypes.h>
      ^
compilation terminated.
make[2]: *** [src/plugins/compass/CMakeFiles/compassplugin.dir/build.make:112:
src/plugins/compass/CMakeFiles/compassplugin.dir/qgscompassplugin.cpp.o] Error 1
make[1]: *** [CMakeFiles/Makefile2:3695: src/plugins/compass/CMakeFiles/compassplugin.dir/all] Error 2
make: *** [Makefile:150: all] Error 2
```

The solution is:

In the file

```
src/core/qgis.h
```

I need to change

```
#include <qgswkbtypes.h>
```

to

```
#include <geometry/qgswkbtypes.h>
```

I build qgis the following way:

```
mkdir build
```

```
cd build
```

```
_pyqt4_sip_dir="/usr/share/sip/PyQt4"
```

```
cmake -G "Unix Makefiles" ../\
```

```
-DCMAKE_INSTALL_PREFIX=/usr \
```

```
-DQGIS_MANUAL_SUBDIR=share/man \
```

```
-DENABLE_TESTS=FALSE \
```

```
-DCMAKE_SKIP_RPATH=TRUE \
```

```
-DPYTHON_EXECUTABLE=/usr/bin/python2 \
```

```
-DWITH_INTERNAL_{DATEUTIL,FUTURE,HTTPLIB2,JINJA2,NOSE2,OWSLIB,PYGMENTS,PYTZ,QWTPOLAR,SIX,WEBKIT_BINDINGS,  
_BINDINGS,YAML}=OFF \
```

```
-DWITH_INTERNAL_{QEXTSERIALPORT}=ON \
```

```
-DPYQT4_SIP_DIR="${_pyqt4_sip_dir}" \
```

```
-DWITH_SERVER=ON \
```

```
-DWITH_GLOBE=ON \
```

```
-DWITH_SERVER=ON \
```

```
-DWITH_GLOBE=ON \
```

```
-DWITH_GRASS=OFF \
```

```
-DWITH_GRASS7=ON \
```

```
-DGRASS_PREFIX7=/opt/grass \
```

```
-DWITH_APIDOC=OFF \
```

```
-DWITH_ASTYLE=OFF \
```

```
-DWITH_BINDINGS=ON \
```

```
-DWITH_CUSTOM_WIDGETS=ON \
```

```
-DWITH_DESKTOP=ON \
```

```
-DWITH_ORACLE=OFF \
```

```
-DWITH_POSTGRESQL=ON \
```

```
-DWITH_PYSPATIALITE=ON \
```

```
-DWITH_QSPATIALITE=ON \
```

```
-DWITH_QTMOBILITY=ON \
```

```
-DWITH_QTWEBKIT=ON \
```

```
-DWITH_QWTPOLAR=ON \
```

```
-DWITH_STAGED_PLUGINS=ON \
```

```
-DWITH_TOUCH=ON \
```

```
-DWITH_TXT2TAGS_PDF=OFF \
```

```
msg "Applying a dirty fix for a configuration system error ..."
```

```
sed -i "s| /usr/share/sip | ${_pyqt4_sip_dir} |"
```

```
python/CMakeFiles/{python_module_qgis__analysis,python_module_qgis__gui,python_module_qgis__server,generate_sip_qgis._analysis_c  
._analysis_cpp_files,python_module_qgis__core,generate_sip_qgis._core_cpp_files,generate_sip_qgis._gui_cpp_files,generate_sip_qgis._n  
sip_qgis._networkanalysis_cpp_files,python_module_qgis__networkanalysis}.dir/build.make
```

```
make
```

The output of the cmake-run is:

```
-- QGIS version: 2.18.2 Las Palmas (21802)
```

```
-- Found GRASS 7: /opt/grass (7.0.5, off_t size = )
```

```
-- Found Proj: /usr/lib64/libproj.so
-- Found GEOS: /usr/lib/libgeos_c.so (3.5.0)
-- Found GDAL: /usr/lib/libgdal.so (2.1.1)
-- Found Expat: /lib64/libexpat.so
-- Found Spatialindex: /usr/lib64/libspatialindex.so
-- Found Qwt: /usr/lib64/libqwt.so (6.1.3)
-- Found Sqlite3: /usr/lib64/libsqlite3.so
-- Found PostgreSQL: /usr/lib/libpq.so
-- Found SpatialLite: /usr/lib64/libspatialite.so
-- Qt WebKit support enabled
-- Found Qt version: 4.8.7
-- Using QtMobility version: system's default
-- QtMobility version: 1.2.0
-- Touch support enabled
-- Found QScintilla2: /usr/lib64/libqscintilla2.so (2.9.3)
-- Found QCA: /usr/lib64/libqca.so (2.1.1)
-- Found QCA OpenSSL plugin
-- Pedantic compiler settings enabled
-- Found Python executable: /usr/bin/python2
-- Found Python version: 2.7.13
-- Found Python library: /usr/lib64/libpython2.7.so
-- Found PyQt4 version: 4.10.4-snapshot-e52357d82574
-- Found SIP version: 4.18.1
-- Found QScintilla2 PyQt module: 2.9.3
-- Found QwtPolar: /usr/lib64/libqwt polar.so
-- Found GSL: -L/usr/lib -lgsl -lgslcblas -lm
-- Found FCGI: /usr/lib64/libfcgi.so
-- Qsci sip file not found - disabling bindings for derived classes
-- Configuring done
-- Generating done
-- Build files have been written to: /tmp/qgis/src/qgis-2.18.2/build
```

Associated revisions

Revision e9c3963d - 2017-01-03 07:08 PM - Matthias Kuhn

Fix compass plugin include directories

Fix #16033

History

#1 - 2017-01-03 10:06 AM - Anonymous

- Status changed from Open to Closed

Fixed in changeset commit:"e9c3963df276aee743dd66646967c7f42b6d0391".

Files

qgswkbtypes-include.patch

292 Bytes

2017-01-03

Drei Eck