

## QGIS Application - Bug report #17849

### Problem building with gdal trunk

2018-01-14 11:45 AM - Saber Razmjooei

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| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Closed        |                                      |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Normal        |                                      |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                                      |
| <b>Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Build/Install |                                      |
| <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> fixed/implemented |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               | <b>Copied to github as #:</b> 25744  |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                                      |
| <p>I can't to build 2.18 and master with the latest gdal. It gets stuck here:</p> <pre>/usr/bin/c++ -DENABLE_TESTS -DQT_CONCURRENT_LIB -DQT_CORE_LIB -DQT_DISABLE_DEPRECATED_BEFORE=0 -DQT_GUI_LIB -DQT_NETWORK_LIB -DQT_NO_CAST_TO_ASCII -DQT_NO_DEBUG -DQT_POSITIONING_LIB -DQT_PRINTSUPPORT_LIB -DQT_SQL_LIB -DQT_SVG_LIB -DQT_UITOOLS_LIB -DQT_WEBKITWIDGETS_LIB -DQT_WEBKIT_LIB -DQT_WIDGETS_LIB -DQT_XML_LIB -DWITH_BINDINGS -DWITH_QTWEBKIT -Dgdalprovider_EXPORTS -I. -I../src/core -I../src/core/expression -I../src/core/raster -I../src/core/geometry -I../src/core/metadata -I../src/gui -Isrc/core -Isrc/gui -Isrc/ui -isystem /usr/local/include -isystem /usr/include/x86_64-linux-gnu/qt5 -isystem /usr/include/x86_64-linux-gnu/qt5/QtXml -isystem /usr/include/x86_64-linux-gnu/qt5/QtCore -isystem /usr/lib/x86_64-linux-gnu/qt5/mkspecs/linux-g++-64 -isystem /usr/include/x86_64-linux-gnu/qt5/QtConcurrent -isystem /usr/include/x86_64-linux-gnu/qt5/QtGui -isystem /usr/include/x86_64-linux-gnu/qt5/QtWidgets -isystem /usr/include/x86_64-linux-gnu/qt5/QtPrintSupport -isystem /usr/include/x86_64-linux-gnu/qt5/QtSvg -isystem /usr/include/x86_64-linux-gnu/qt5/QtNetwork -isystem /usr/include/x86_64-linux-gnu/qt5/QtWebKit -isystem /usr/include/x86_64-linux-gnu/qt5/QtWebKitWidgets -isystem /usr/include/x86_64-linux-gnu/qt5/QtSql -isystem /usr/include/x86_64-linux-gnu/qt5/QtPositioning -isystem /usr/include/x86_64-linux-gnu/qt5/QtUiTools -Wall -Wextra -Wno-long-long -Wformat-security -Wno-strict-aliasing -fPIC -fvisibility=hidden -fPIC -std=gnu++11 -MD -MT src/providers/gdal/CMakeFiles/gdalprovider.dir/qgsgdalprovider.cpp.o -MF src/providers/gdal/CMakeFiles/gdalprovider.dir/qgsgdalprovider.cpp.o.d -o src/providers/gdal/CMakeFiles/gdalprovider.dir/qgsgdalprovider.cpp.o -c ../src/providers/gdal/qgsgdalprovider.cpp In file included from ../src/providers/gdal/qgsgdalprovider.cpp:58:0: /usr/local/include/ogr_spatialref.h:165:36: error: 'CPLString' was not declared in this scope     const std::map&lt;CPLString, int&gt;*&amp; poMapESRICSToCodeOut);                                 ^~~~~~ /usr/local/include/ogr_spatialref.h:165:36: note: suggested alternative: 'CPLPrintf'     const std::map&lt;CPLString, int&gt;*&amp; poMapESRICSToCodeOut);                                 ^~~~~~                                 CPLPrintf /usr/local/include/ogr_spatialref.h:165:50: error: template argument 1 is invalid     const std::map&lt;CPLString, int&gt;*&amp; poMapESRICSToCodeOut);                                 ^ /usr/local/include/ogr_spatialref.h:165:50: error: template argument 3 is invalid /usr/local/include/ogr_spatialref.h:165:50: error: template argument 4 is invalid</pre> |               |                                      |

#### Associated revisions

Revision [abe89b6a](#) - 2018-01-14 05:08 PM - Jürgen Fischer

avoid including GDAL C++ api (fixes #17849)

**Revision 977d0acc - 2018-01-14 05:17 PM - Jürgen Fischer**

avoid including GDAL C++ api (fixes #17849)

## History

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**#1 - 2018-01-14 01:06 PM - Jürgen Fischer**

- *Description updated*

**#2 - 2018-01-14 05:24 PM - Jürgen Fischer**

- *% Done changed from 0 to 100*

- *Status changed from Open to Closed*

Applied in changeset commit:qgis|abe89b6aa810fceb43e5fff7e84f0ee7e9b4318b.

**#3 - 2018-01-14 11:35 PM - Jürgen Fischer**

- *Resolution set to fixed/implemented*