

QGIS Application - Bug report #18888

QGIS 2.18 branch 2.18 release 2.18 and over don't compile

2018-04-30 05:48 PM - aperi2007 -

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	QGIS Server	
Affected QGIS version:	2.18.19	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: wontfix
Crashes QGIS or corrupts data:	No	Copied to github as #: 26720
Description		
Hi, I see the QGS-Server section of QGIS branch 2_18 release 2.19 or 2.18 don't compile at all. It return this error log: <pre>[94%] Building CXX object src/server/CMakeFiles/qgis_server.dir/qgssoaprequesthandler.cpp.o [94%] Building CXX object src/server/CMakeFiles/qgis_server.dir/qgsowsserver.cpp.o In file included from /home/tomcat/software/30-qgis/QGIS-final-2_18_19/src/server/qgsowsserver.cpp:18:0: /home/tomcat/software/30-qgis/QGIS-final-2_18_19/src/server/qgsowsserver.h:84:40: error: 'QgsFeature' does not name a type static QString featureGmIld(const QgsFeature* f, const QgsAttributeList& pkAttributes); ^~~~~~ /home/tomcat/software/30-qgis/QGIS-final-2_18_19/src/server/qgsowsserver.cpp:68:9: error: prototype for 'QString QgsOWSServer::featureGmIld(const QgsFeature*, const QgsAttributeList&)' does not match any in class 'QgsOWSServer' QString QgsOWSServer::featureGmIld(const QgsFeature* f, const QgsAttributeList& pkAttributes) ^~~~~~ In file included from /home/tomcat/software/30-qgis/QGIS-final-2_18_19/src/server/qgsowsserver.cpp:18:0: /home/tomcat/software/30-qgis/QGIS-final-2_18_19/src/server/qgsowsserver.h:84:20: error: candidate is: static QString QgsOWSServer::featureGmIld(const int*, const QgsAttributeList&) static QString featureGmIld(const QgsFeature* f, const QgsAttributeList& pkAttributes); ^~~~~~ src/server/CMakeFiles/qgis_server.dir/build.make:260: recipe for target 'src/server/CMakeFiles/qgis_server.dir/qgsowsserver.cpp.o' failed make[2]: *** [src/server/CMakeFiles/qgis_server.dir/qgsowsserver.cpp.o] Error 1 CMakeFiles/Makefile2:1829: recipe for target 'src/server/CMakeFiles/qgis_server.dir/all' failed make[1]: *** [src/server/CMakeFiles/qgis_server.dir/all] Error 2 Makefile:149: recipe for target 'all' failed make: *** [all] Error 2</pre>		

I'm using libux debian 64 bit stretch.

Instead I have a succesful compile using the code branch 2_18 release 2.15

History

#1 - 2018-05-01 09:05 AM - Jürgen Fischer

- Affected QGIS version changed from 2.18.18 to 2.18.19

aperi2007 - wrote:

```
Hi,  
I see the QGS-Server section of QGIS branch 2_18 release 2.19 or 2.18 don't compile at all.  
It return this error log:  
  
[...]
```

Compiles fine on stretch here - include a full log please.

#2 - 2018-05-01 10:06 AM - aperi2007 -

- File *compile_log.zip* added

I try newly.

I download

https://github.com/qgis/QGIS/archive/final-2_18_19.tar.gz

After do these steps:

```
cd QGIS-final-2_18_19
```

```
rm -Rf build-master
```

```
mkdir build-master
```

```
cd build-master
```

```
ccmake \
```

```
-DCMAKE_INSTALL_PREFIX="/usr/local" \
```

```
-DENABLE_TESTS=FALSE \
```

```
-DFCGI_INCLUDE_DIR="/usr/local/include" \
```

```
-DFCGI_LIBRARY="/usr/lib/x86_64-linux-gnu/libfcgi.so" \
```

```
-DMAPSERVER_SKIP_ECW=ON \
```

```
-DGDAL_CONFIG="/usr/local/bin/gdal-config" \
```

```
-DGDAL_INCLUDE_DIR="/usr/local/include" \
```

```
-DGDAL_LIBRARY="/usr/local/lib/libgdal.so" \
```

```
-DGEOS_CONFIG="/usr/local/bin/geos-config" \
```

```

-DGEOS_INCLUDE_DIR="/usr/local/include" \
-DGEOS_LIBRARY="/usr/local/lib/libgeos_c.so" \
-DPEDANTIC=ON \
-DPOSTGRES_CONFIG="/usr/local/pgsql/bin/pg_config" \
-DPOSTGRES_CONFIG_PREFER_PATH="/bin" \
-DPOSTGRES_INCLUDE_DIR="/usr/local/pgsql/include" \
-DPOSTGRES_LIBRARY="/usr/local/pgsql/lib/libpq.so" \
-DPROJ_INCLUDE_DIR="/usr/local/include" \
-DPROJ_LIBRARY="/usr/local/lib/libproj.so" \
-DTXT2TAGS_EXECUTABLE=OFF \
-DWITH_APIDOC=OFF \
-DWITH_ASTYLE=OFF \
-DWITH_BINDINGS=OFF \
-DWITH_DESKTOP=OFF \
-DWITH_GLOBE=OFF \
-DWITH_GRASS=OFF \
-DWITH_GRASS7=OFF \
-DWITH_INTERNAL_QEXTSERIALPORT=ON \
-DWITH_INTERNAL_QWTPOLAR=ON \
-DWITH_INTERNAL_SPATIALITE=OFF \
-DWITH_SERVER=ON \
-DWITH_SERVER_PLUGINS=OFF \
-DWITH_ORACLE=OFF \
-DWITH_POSTGRESQL=ON \
-DWITH_PY_COMPILE=OFF \
-DWITH_QSPATIALITE=OFF \
-DWITH_QTMOBILITY=OFF \
-DWITH_TOUCH=OFF \
-SERVER_SKIP_ECW=ON \
-DWITH_TXT2TAGS_PDF=OFF ..

```

These are my usual settings used with qgis 2.14 I do some little change for 2.18 and the compile is ok with rel. 2.15
 Now retry it with rel. 2.19

```

cd build-master
make >> compile_log.txt 2>&1

```

I post also the log .

#3 - 2018-05-01 02:07 PM - Jürgen Fischer

- Status changed from Open to Feedback

Please also include the configuration step (esp. important as you are not using stretch's dependencies)

#4 - 2018-05-01 02:57 PM - aperi2007 -

The configuration are these:

After download the package:

I explode it in the QGIS-final-2_18_19 folder.

After I do:

```
cd QGIS-final-2_18_19
mkdir build-master
cd build-master
```

In that folder I call a script with these settings in it:

```
ccmake \
-DMAKE_INSTALL_PREFIX="/usr/local" \
-DENABLE_TESTS=FALSE \
-DFCGI_INCLUDE_DIR="/usr/local/include" \
-DFCGI_LIBRARY="/usr/lib/x86_64-linux-gnu/libfcgi.so" \
-DMAPSERVER_SKIP_ECW=ON \
-DGDAL_CONFIG="/usr/local/bin/gdal-config" \
-DGDAL_INCLUDE_DIR="/usr/local/include" \
-DGDAL_LIBRARY="/usr/local/lib/libgdal.so" \
-DGEOS_CONFIG="/usr/local/bin/geos-config" \
-DGEOS_INCLUDE_DIR="/usr/local/include" \
-DGEOS_LIBRARY="/usr/local/lib/libgeos_c.so" \
-DPEDANTIC=ON \
-DPOSTGRES_CONFIG="/usr/local/pgsql/bin/pg_config" \
-DPOSTGRES_CONFIG_PREFER_PATH="/bin" \
-DPOSTGRES_INCLUDE_DIR="/usr/local/pgsql/include" \
-DPOSTGRES_LIBRARY="/usr/local/pgsql/lib/libpq.so" \
-DPROJ_INCLUDE_DIR="/usr/local/include" \
-DPROJ_LIBRARY="/usr/local/lib/libproj.so" \
-DTXT2TAGS_EXECUTABLE=OFF \
-DWITH_APIDOC=OFF \
-DWITH_ASTYLE=OFF \
-DWITH_BINDINGS=OFF \
-DWITH_DESKTOP=OFF \
-DWITH_GLOBE=OFF \
-DWITH_GRASS=OFF \
-DWITH_GRASS7=OFF \
-DWITH_INTERNAL_QEXTSERIALPORT=ON \
-DWITH_INTERNAL_QWTPOLAR=ON \
-DWITH_INTERNAL_SPATIALITE=OFF \
-DWITH_SERVER=ON \
-DWITH_SERVER_PLUGINS=OFF \
-DWITH_ORACLE=OFF \
-DWITH_POSTGRESQL=ON \
-DWITH_PY_COMPILE=OFF \
-DWITH_QSPATIALITE=OFF \
-DWITH_QTMOBILITY=OFF \
-DWITH_TOUCH=OFF \
-SERVER_SKIP_ECW=ON \
-DWITH_TXT2TAGS_PDF=OFF ..
```

It start and I press the "c" two times.

After the second time I press the "g" to generate and exit from cmake environment.

After I execute the

"make"

And have the error.

#5 - 2018-05-01 03:30 PM - Jürgen Fischer

aperi2007 - wrote:

The configuration are these:

After the second time I press the "g" to generate and exit from cmake environment.

run cmake instead of ccmake.

#6 - 2018-05-01 03:48 PM - aperi2007 -

- File log_cmake.zip added

done.

I attach the log result from cmake.

#7 - 2018-05-01 05:45 PM - Jürgen Fischer

Do you have qgis headers installed in /usr/local/include?

#8 - 2018-05-01 05:50 PM - aperi2007 -

When and if the compile is completed without error.

I can do the "make install"

After this I have in /usr/local/include a subfolder named "qgis" with its includes.

#9 - 2018-10-18 11:04 AM - Paul Blottiere

I also tried to compile <https://github.com/qgis/QGIS/archive/final-2.18.19.tar.gz> on Debian Stretch and I didn't have any problems.

@aperi2007, do you still have your issue with the latest 2.18 release (2.18.24)?

#10 - 2019-01-21 12:35 AM - Jürgen Fischer

Please test with QGIS 3.4 - QGIS 2.18 reached it's end of life.

#11 - 2019-03-08 11:30 AM - Giovanni Manghi

- Resolution set to wontfix
- Status changed from Feedback to Closed

Files

compile_log.zip	15 KB	2018-05-01	aperi2007 -
log_cmake.zip	923 Bytes	2018-05-01	aperi2007 -