

QGIS Application - Bug report #21382

Fails to build with SERVER_PLUGINS disabled

2019-02-26 05:25 AM - Tom Palan

Status: Open	
Priority: Normal	
Assignee:	
Category: Build/Install	
Affected QGIS version: 3.4.5	Regression?: No
Operating System: Debian stretch amd64	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 29199
Description	
The following cmake configuration fails to build: <pre>cmake -G Ninja \ -DCMAKE_VERBOSE_MAKEFILE=1 \ -DCMAKE_INSTALL_PREFIX=/usr \ -DBINDINGS_GLOBAL_INSTALL=TRUE \ -DPEDANTIC=TRUE \ -DSERVER_SKIP_ECW=TRUE \ -DQGIS_CGIBIN_SUBDIR=/usr/lib/cgi-bin \ -DWITH_APIDOC=TRUE \ -DGENERATE_QHP=TRUE \ -DWITH_CUSTOM_WIDGETS=FALSE \ -DWITH_GLOBE=FALSE \ -DWITH_SERVER=TRUE \ -DWITH_SERVER_PLUGINS=FALSE \ -DWITH_QWTPOLAR=FALSE \ -DWITH_DESKTOP=FALSE \ -DWITH_GUI=TRUE \ -DDOXYGEN_ON_DEMAND=TRUE ..</pre> with the error message: <pre>[3019/4062] Linking CXX shared library output/lib/libqgis_server.so.3.4.5 FAILED: output/lib/libqgis_server.so.3.4.5 : && ccache /usr/local/bin/c++ -fPIC -Wall -Wextra -Wno-long-long -Wformat-security -Wno-strict-aliasing -Wl,--no-undefined -shared -Wl,-soname,libqgis_server.so.3.4.5 -o output/lib/libqgis_server.so.3.4.5 src/server/CMakeFiles/qgis_server.dir/qgsbufferserverrequest.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsbufferserverresponse.cpp.o src/server/CMakeFiles/qgis_server.dir/qgscapabilitiescache.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsconfigcache.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsfcgiserverrequest.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsfcgiserverresponse.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsfilterresponsedecorator.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsfilterrestorer.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsrequesthandler.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserver.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserverparameters.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserverexception.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserverinterface.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserverinterfaceimpl.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserverlogger.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserverprojectutils.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserverrequest.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserverresponse.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserversettings.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsservice.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsservicenativeloader.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsserviceregistry.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsfeaturefilterprovidergroup.cpp.o src/server/CMakeFiles/qgis_server.dir/qgsfeaturefilter.cpp.o</pre>	

```

src/server/CMakeFiles/qgis_server.dir/moc_qgscapabilitiescache.cpp.o
src/server/CMakeFiles/qgis_server.dir/moc_qgsconfigcache.cpp.o src/server/CMakeFiles/qgis_server.dir/moc_qgsserverlogger.cpp.o
src/server/CMakeFiles/qgis_server.dir/moc_qgserversettings.cpp.o
src/server/CMakeFiles/qgis_server.dir/moc_qgsserverparameters.cpp.o
-L/home/tom/projects/InfraGIS/QGIS-server/debian-package/woserverbindings/build/src/core
-L/home/tom/projects/InfraGIS/QGIS-server/debian-package/woserverbindings/build/src/gui output/lib/libqgis_analysis.so.3.4.5 -lproj
-lfcgi -lpq -lgdal -lqca-qt5 output/lib/libqgispython.so.3.4.5 output/lib/libqgis_core.so.3.4.5 -lqca-qt5
/usr/lib/x86_64-linux-gnu/libQt5Xml.so.5.7.1 /usr/lib/x86_64-linux-gnu/libQt5Svg.so.5.7.1
/usr/lib/x86_64-linux-gnu/libQt5PrintSupport.so.5.7.1 /usr/lib/x86_64-linux-gnu/libQt5WebKitWidgets.so.5.7.1
/usr/lib/x86_64-linux-gnu/libQt5Widgets.so.5.7.1 /usr/lib/x86_64-linux-gnu/libQt5WebKit.so.5.7.1
/usr/lib/x86_64-linux-gnu/libQt5Gui.so.5.7.1 /usr/lib/x86_64-linux-gnu/libQt5Network.so.5.7.1 /usr/lib/x86_64-linux-gnu/libQt5Sql.so.5.7.1
/usr/lib/x86_64-linux-gnu/libQt5Concurrent.so.5.7.1 -lqt5keychain -lproj -lgeos_c -lgdal -lspatialindex -lexpat -lsqlite3 -lspatialite -lzip
/usr/lib/x86_64-linux-gnu/libQt5SerialPort.so.5.7.1 /usr/lib/x86_64-linux-gnu/libQt5Positioning.so.5.7.1
/usr/lib/x86_64-linux-gnu/libQt5Core.so.5.7.1 -lpthread3.5m -lutil
-Wl,-rpath,/home/tom/projects/InfraGIS/QGIS-server/debian-package/woserverbindings/build/src/core:/home/tom/projects/InfraGIS/QGIS-server
-server/debian-package/woserverbindings/build/src/gui:/home/tom/projects/InfraGIS/QGIS-server/debian-package/woserverbindings/build/output
ld/output/lib: && :
src/server/CMakeFiles/qgis_server.dir/qgsserverinterfaceimpl.cpp.o: In function
`std::default_delete<QgsServerCacheManager>::operator()(QgsServerCacheManager*) const':
qgsserverinterfaceimpl.cpp:(.text._ZNKSt14default_delelel21QgsServerCacheManagerEclEPS0_[_ZNKSt14default_delelel21QgsServ
rCacheManagerEclEPS0_] + 0x1e): undefined reference to `QgsServerCacheManager::~~QgsServerCacheManager()'
collect2: error: ld returned 1 exit status

```

History

#1 - 2019-05-23 04:15 PM - Henrik K

Seems to be fixed in master <https://github.com/qgis/QGIS/commit/47fba3266e8bf52b3d0d3e807c59be059ddf9ea2>

Applied cleanly here to 3.4.8, only qgswmsgetlegendgraphics.cpp needed some manual tweaking. Compiled fine and seems to run ok..