

QGIS Application - Bug report #350

wfs: indexStrtree.h missing

2006-10-18 09:47 AM - neteler-itc-it -

Status: Closed	
Priority: Low	
Assignee: Gary Sherman	
Category: Build/Install	
Affected QGIS version:	Regression?: No
Operating System: RedHat	Easy fix?: No
Pull Request or Patch supplied:	Resolution: invalid
Crashes QGIS or corrupts data:	Copied to github as #: 10409
Description	
Hi,	
in SVN HEAD in src/providers/wfs/ the file indexStrtree.h is currently missing. I copied it from GEOS and it strangely compiled :-)	
Regards Markus	

History

#1 - 2006-10-21 10:42 PM - Marco Hugentobler

Hi Markus,

The file indexStrtree.h included by the WFS provider is the exactly the one from geos. If your compiler cannot find it, it is probably in an unusual place and we should fix the build system to find it. Usually, it is in /usr/include/geos and geos.h in /usr/include. The build system assumes, that indexStrtree.h is in the geos subdirectory under the directory where geos.h is located.

#2 - 2006-10-22 02:10 AM - neteler-itc-it -

Hi Marco,

for the other plugins that works. There must be something missing in wfs/Makefile.am which is present in the other plugin Makefile.am files.

In the old bugtracker I had reported similar things for the other plugins which were fixes (once QGIS was still in CVS).

```
g++ -DHAVE_CONFIG_H -I. -I../.. -I../core/ -I../gui/ -I../ui -I/usr/local/include -DQT3_SUPPORT -I/usr/lib64/qt4/mkspecs/default
-I/usr/lib64/qt4/include/Qt3Support -I/usr/lib64/qt4/include/QtCore -I/usr/lib64/qt4/include/QtDesigner -I/usr/lib64/qt4/include/QtGui
-I/usr/lib64/qt4/include/QtNetwork -I/usr/lib64/qt4/include/QtOpenGL -I/usr/lib64/qt4/include/QtSql -I/usr/lib64/qt4/include/QtXml
-I/usr/lib64/qt4/include -I/usr/lib64/qt4/include/QtSvg -I/usr/lib64/qt4/include/QtTest -I/usr/lib64/qt4/include/QtDesigner -D_REENTRANT
-DQT_THREAD_SUPPORT -DNO_DEBUG -I/usr/local/include -I/usr/local/include/geos -g -O2 -MT libwfsprovider_la-qgswfsprovider.lo -MD -MP
-MF .deps/libwfsprovider_la-qgswfsprovider.Tpo -c qgswfsprovider.cpp -fPIC -DPIC -o .libs/libwfsprovider_la-qgswfsprovider.o
```

In file included from qgswfsprovider.cpp:21:

qgswfsprovider.h:25:26: indexStrtree.h: No such file or directory

configured as:

GEOS : yes (Version 2.2.1)

locate indexStrtree.h
/usr/include/geos/indexStrtree.h

I had GEOS in an unusual place but it seems to be picked from the System wide installation (for ./autogen.sh there is no path indication).

But I don't see /usr/include/[geos/] listed above, is that the problem?

Best,
Markus

#3 - 2006-10-23 01:46 AM - neteler-itc-it -

Hi,

when I manually add -l/usr/include/geos to above g++ line, it compiles.

Markus

#4 - 2006-10-23 06:17 AM - Marco Hugentobler

Markus,

It seems to me that your build system assumes your geos is in /usr/local, but it is in /usr/lib. Does it change anything when you do ./autogen.sh --with-geos=<path_to_geos-config> ... ?
And does your geos-config point to the right location?

Best,
Marco

#5 - 2006-10-23 09:32 AM - neteler-itc-it -

- Resolution set to invalid
- Status changed from Open to Closed

Hi Marco,

thanks -

--with-geos=/usr/bin/geos-config.sh

did the trick. Apparently I was expecting autogen.sh to look into /usr/bin/ by default.

Solved & thanks,

Markus

