QGIS Application - Bug report #21432
branch 3.6 fails to build - src/core/qgsdistancearea.cpp:491:3: error: 'geod_inverseline' was not declared in this scope

2019-02-28 10:20 PM - vince ice

Status:	Closed			
Priority:	Normal			
Assignee:	Nyall Dawson			
Category:	Build/Install			
Affected QGIS version:	3.6.0	**Regression?:**	No	
Operating System:	Gentoo with kernel 4.14.65-gentoo	**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	invalid	
Crashes QGIS or corrupts data:		**Copied to github as #:**	29249	

Description

Just tried to build branch 3.6.
This is what I get:

> *[16%] Building CXX object src/core/CMakeFiles/qgis_core.dir/qgserror.cpp.o*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp: In member function 'double*
> *QgsDistanceArea::latitudeGeodesicCrossesAntimeridian(const QgsPointXY&, const QgsPointXY&, double&) const':*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp:491:3: error: 'geod_inverseline' was not declared in this scope*
> *geod_inverseline(&line, &geod, p1y, p1x, p2y, p2x, GEOD_ALL);*
> *^~~~~~~~~~~~~~~~*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp:491:3: note: suggested alternative: 'geod_inverse'*
> *geod_inverseline(&line, &geod, p1y, p1x, p2y, p2x, GEOD_ALL);*
> *^~~~~~~~~~~~~~~~*
> *geod_inverse*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp:493:33: error: 'struct geod_geodesicline' has no member named 's13'*
> *const double totalDist = line.s13;*
> *^~~*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp:494:34: error: 'struct geod_geodesicline' has no member named 's13'*
> *double intersectionDist = line.s13;*
> *^~~*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp:517:31: error: 'struct geod_geodesicline' has no member named 's13'*
> *intersectionDist = line.s13 * 0.5;*
> *^~~*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp: In member function 'QVector<QVector<QgsPointXY> >*
> *QgsDistanceArea::geodesicLine(const QgsPointXY&, const QgsPointXY&, double, bool) const':*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp:696:3: error: 'geod_inverseline' was not declared in this scope*
> *geod_inverseline(&line, &geod, pp1.y(), pp1.x(), pp2.y(), pp2.x(), GEOD_ALL);*
> *^~~~~~~~~~~~~~~~*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp:696:3: note: suggested alternative: 'geod_inverse'*
> *geod_inverseline(&line, &geod, pp1.y(), pp1.x(), pp2.y(), pp2.x(), GEOD_ALL);*
> *^~~~~~~~~~~~~~~~*
> *geod_inverse*
> */tmp/QGIS/QGIS/src/core/qgsdistancearea.cpp:697:33: error: 'struct geod_geodesicline' has no member named 's13'*
> *const double totalDist = line.s13;*
> *^~~*
> *make[2]: *** [src/core/CMakeFiles/qgis_core.dir/build.make:5066: src/core/CMakeFiles/qgis_core.dir/qgsdistancearea.cpp.o] Error 1*
> *make[2]: *** Attesa per i processi non terminati....*
> *make[1]: *** [CMakeFiles/Makefile2:316: src/core/CMakeFiles/qgis_core.dir/all] Error 2*

make: *** [Makefile:152: all] Error 2

History

#1 - 2019-02-28 11:20 PM - Nyall Dawson

- Resolution set to invalid

- Status changed from Open to Closed

This indicates that your proj version is too old -- you'll need to upgrade.

#2 - 2019-03-01 04:07 PM - vince ice

- Assignee set to Nyall Dawson

Nyall Dawson wrote:

> *This indicates that your proj version is too old -- you'll need to upgrade.*

I'm sorry Nyall, I don't understand what you mean by too old. That's the code from git. Build fails with master as well. I couldn't find anything in the issues that points to this problem.

V

#3 - 2019-03-01 04:10 PM - Giovanni Manghi

vince ice wrote:

> *Nyall Dawson wrote:*
>
> > *This indicates that your proj version is too old -- you'll need to upgrade.*
>
> *I'm sorry Nyall, I don't understand what you mean by too old. That's the code from git. Build fails with master as well. I couldn't find anything in the issues that points to this problem.*
>
> *V*

the proj library is a qgis dependency, is not part of qgis code.

#4 - 2019-03-01 05:53 PM - vince ice

Giovanni Manghi wrote:

> *vince ice wrote:*
>
> > *Nyall Dawson wrote:*

> *This indicates that your proj version is too old -- you'll need to upgrade.*
>
> *I'm sorry Nyall, I don't understand what you mean by too old. That's the code from git. Build fails with master as well. I couldn't find anything in the issues that points to this problem.*
>
> *V*

the proj library is a qgis dependency, is not part of qgis code.

Right! Sorry I wasted your time. It works now...
V