QGIS Application - Bug report #1229
FindGEOS does not detect GEOS.Framework on OSX 10.5

2008-08-20 07:04 PM - Mateusz Loskot -

Status:	Closed		
Priority:	Low		
Assignee:	nobody -		
Category:	Build/Install		
Affected QGIS version:		**Regression?:**	No
Operating System:	OS X	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	fixed
Crashes QGIS or corrupts data:		**Copied to github as #:**	11289

Description

Under Mac OS X 10.5, current version of [trunk/qgis/cmake/FindGEOS.cmake@9093 [[FindGEOS]].cmake] macro does not detect GEOS installed from the excellent GEOS framework v3.0.0-2 package by William Kyngesburye.

I've followed the official BuildingFromSource instructions and cmake command reported that some dependencies are not found, but no specific error for GEOS was printed.

Anyway, I patched the [[FindGEOS]].cmake in more portable way based on [[FindGDAL]].cmake and used it to successfully build QGIS from SVN trunk (r9104).

I'm attaching patch with my version of the [[FindGEOS]].cmake macro.

History

#1 - 2008-08-20 07:07 PM - Mateusz Loskot -

Hmm, as I see I can not edit Ticket description for QGIS, so please could anyone fix broken link to [[FindGEOS]].cmake file adding *source:* prefix?

    [source:trunk/qgis/cmake/FindGEOS.cmake@9093 [[FindGEOS]].cmake]

#2 - 2008-08-20 08:12 PM - John Tull

I can confirm this issue. I've always mapped it manually with:
-D GEOS_INCLUDE_DIR=/Library/Frameworks/GEOS.framework/unix/include -D
GEOS_LIBRARY=/Library/Frameworks/GEOS.framework/unix/lib/libgeos.dylib
in my cmake statement. There are some other frameworks I similarly map (proj, gdal, and sqlite).

Using a generic 'cmake ..' run, it is only the geos framework that is not discovered. I am also using William Kyngesburye's frameworks, and this was rev 9104.

#3 - 2008-08-20 11:55 PM - Jürgen Fischer

- Resolution set to fixed

- Status changed from Open to Closed

thanks for the patch. applied in commit:c2c69742 (SVN r9106)

#4 - 2008-08-21 01:08 PM - Mateusz Loskot -

Jef,

Thanks for applying. I confirm it works.

#5 - 2008-08-21 01:46 PM - John Tull

Worked for me also.

Files

findgeos-using-geos-config.patch	5.15 KB	2008-08-20	Mateusz Loskot -