

QGIS Application - Bug report #2961

mapserver hardwires absolute install path

2010-08-22 09:51 AM - William Kyngesburye

Status:	Closed	
Priority:	Low	
Assignee:	nobody -	
Category:	Build/Install	
Affected QGIS version:		Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed
Crashes QGIS or corrupts data:		Copied to github as #: 13021
Description		
<p>The new mapserver component hardwires CMAKE_INSTALL_PREFIX in the executable. This locks down the user install location of Qgis, which on OS X (maybe Windows also?) can change from the compiled CMAKE_INSTALL_PREFIX.</p> <p>But, I realize it could be tricky with the mapserv executable, since I think it wants the QGIS install path to be able to find Qgis resources.</p> <p>A couple similar options I can think of:</p> <ul style="list-style-type: none">- how the help app handles this: for the OS X build, it backtracks from prefixPath() to the Qgis executable (mapserv could use known QGIS_CGIBIN_SUBDIR values for different systems), then goes from there with the relative QGIS_*_SUBDIR vars. Still a bit fragile, if the QGIS_CGIBIN_SUBDIR is configured different from default.- configure a matching QGIS_CGIBIN_SUBDIR_REV that backtracks (I use this in the OS X Xcode project in QGIS_LIBEXEC_SUBDIR_REV for other executables). So, mapserv prefixPath() + "/" + QGIS_CGIBIN_SUBDIR_REV = Qgis prefixPath(). I don't know if the relative subdir vars are meant to be user-configurable, if so, this could be tricky to generate an inverse subdir during cmake configuration. <p>ie, if QGIS_CGIBIN_SUBDIR = bin (unix, Mac), QGIS_CGIBIN_SUBDIR_REV = ..</p>		

History

#1 - 2010-09-11 05:11 PM - Volker Fröhlich

Somewhat related:

I don't think it's a good idea to default to bin for the CGI files for safety reasons. Besides that, there are also 2 non-binary files that go into the same directory, which also shouldn't be done for bin.

#2 - 2010-09-28 01:04 PM - Marco Hugentobler

- Resolution set to fixed

- Status changed from Open to Closed

It is now () possible to set the prefix path with the environment variable QGIS_PREFIX_PATH. If not set, it defaults to the cmake install prefix.