

QGIS Application - Bug report #11081

FindGEOS does not find a development version (GEOS_VERSION "x.x.xdev")

2014-08-20 02:16 AM - Gabriele Monfardini

Status: Closed	
Priority: Normal	
Assignee:	
Category: Build/Install	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch applied: Yes	Resolution:
Crashes QGIS or corrupts data: No	Copied to github as #: 19414

Description

qgis master up-to-date (2014-08-20)

S.O. kubuntu linux

I use a development version of geos, GEOS_VERSION="3.5.0dev", installed in /usr/local/bin

cmake fails with error

```
CMake Error at cmake/FindGEOS.cmake:162 (STRING):
  string sub-command REGEX, mode MATCH needs at least 5 arguments total to
  command
```

At line 162

```
STRING(REGEX MATCH "[0-9]+\\\\\\\\.[0-9]+\\\\\\\\.[0-9]+" GEOS_VERSION ${GEOS_VERSION})
```

fails since \$(GEOS_VERSION) is empty.

`\${GEOS_VERSION}` is empty since at line 161

```
STRING(REGEX MATCH "#define GEOS_VERSION \\"[0-9]+\\\\\\\\.[0-9]+\\\\\\\\.[0-9]+\\\\\\\\\"" GEOS_VERSION ${VERSIONFILE})
```

does not find any match since in my geos_c.h I have

```
#define GEOS_VERSION "3.5.0dev"
```

Proposed solution is to change line 161 with

```
STRING(REGEX MATCH "#define GEOS_VERSION \\"[0-9]+\\\\\\\\.[0-9]+\\\\\\\\.[0-9]+(dev)*\\\\\\\\\"" GEOS_VERSION ${VERSIONFILE})
```

I've tested this against a dev and a non dev version and it seems to work.

Attached you'll find a unified git diff patch

Associated revisions

Revision 00ca017d - 2014-08-30 08:09 AM - Jürgen Fischer

Fix GEOS dev detection (fixes #11081)

History

#1 - 2014-08-29 11:31 PM - Jürgen Fischer

- *Category set to Build/Install*

#2 - 2014-08-29 11:35 PM - Jürgen Fischer

- *Status changed from Open to Closed*

Fixed in changeset commit:"00ca017defb336e46cf773246b1ccb92aaf8540e".

Files

FindGeos_dev.patch

612 Bytes

2014-08-20

Gabriele Monfardini