

QGIS Application - Bug report #16030

LaTeX fails with "Undefined control sequence" when building with -DWITH_TXT2TAGS_PDF=ON

2017-01-03 09:21 AM - Drei Eck

Status:	Closed	
Priority:	Low	
Assignee:		
Category:	Build/Install	
Affected QGIS version:	2.18.2	Regression?: No
Operating System:	arch linux	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 23945
Description		
When I compile qgis from source, with -DWITH_TXT2TAGS_PDF=ON, the compilation of the (generated?) /tmp/qgis/src/qgis-2.18.2/build/doc/INSTALL.tex fails. The command executed: <pre>/sbin/pdflatex -output-directory=/tmp/qgis/src/qgis-2.18.2/build/doc /tmp/qgis/src/qgis-2.18.2/build/doc/INSTALL.tex</pre> The error output: <pre>! Undefined control sequence. \the section ...een}\color{qgis-green}\the chapter \arabic{section} l.33 ...ge\section{\color{qgis-green}Introduction} ? x</pre> I narrowed it down: The LaTeX-file contains the entry \ <pre>enewcommand\the section{\color{qgis-green}\color{qgis-green}\the chapter\arabic{section}} (the whole line is</pre> <pre>\hypersetup{linkcolor=qgis-green,urlcolor=qgis-green}\</pre> <pre>enewcommand\the section{\color{qgis-green}\color{qgis-green}\the chapter\arabic{section}}</pre> ; the first part is fine). Removing that \ <pre>enewcommand[...]-statement makes the compilation successfull.</pre> Though I do not provide a patch here since this LaTeX file seems to get auto-generated and I did not dig up where the problem originates. My whole build command (executed within /tmp/qgis/src/qgis-2.18.2/build): <pre>cmake -G "Unix Makefiles" ../\ -DMAKE_INSTALL_PREFIX=/usr \ -DQGIS_MANUAL_SUBDIR=share/man \ -DENABLE_TESTS=FALSE \ -DMAKE_SKIP_RPATH=TRUE \</pre>		

```
-DPYTHON_EXECUTABLE=/usr/bin/python2 \\\
```

```
-DWITH_INTERNAL_{DATEUTIL,FUTURE,HTTPLIB2,JINJA2,NOSE2,OWSLIB,PYGMENTS,PYTZ,QWTPOLAR,SIX,WEBKIT_BINDINGS,  
_BINDINGS,YAML}=OFF \\\
```

```
-DWITH_INTERNAL_{QEXTSERIALPORT}=ON \\\
```

```
-DPYQT4_SIP_DIR="${_pyqt4_sip_dir}" \\\
```

```
-DWITH_SERVER=ON \\\
```

```
-DWITH_GLOBE=ON \\\
```

```
-DWITH_SERVER=ON \\\
```

```
-DWITH_GLOBE=ON \\\
```

```
-DWITH_GRASS=OFF \\\
```

```
-DWITH_GRASS7=ON \\\
```

```
-DGRASS_PREFIX7=/opt/grass \\\
```

```
-DWITH_APIDOC=OFF \\\
```

```
-DWITH_ASTYLE=OFF \\\
```

```
-DWITH_BINDINGS=ON \\\
```

```
-DWITH_CUSTOM_WIDGETS=ON \\\
```

```
-DWITH_DESKTOP=ON \\\
```

```
-DWITH_ORACLE=OFF \\\
```

```
-DWITH_POSTGRESQL=ON \\\
```

```
-DWITH_PYSPATIALITE=ON \\\
```

```
-DWITH_QSPATIALITE=ON \\\
```

```
-DWITH_QTMOBILITY=ON \\\
```

```
-DWITH_QTWEBKIT=ON \\\
```

```
-DWITH_QWTPOLAR=ON \\\
```

```
-DWITH_STAGED_PLUGINS=ON \\\
```

```
-DWITH_TOUCH=ON \\\
```

```
-DWITH_TXT2TAGS_PDF=ON \\\
```

```
msg "Applying a dirty fix for a configuration system error ..."
```

```
sed -i "s| /usr/share/sip | ${_pyqt4_sip_dir} |"
```

```
python/CMakeFiles/{python_module_qgis__analysis,python_module_qgis__gui,python_module_qgis__server,generate_sip_qgis._analysis_c  
._analysis_cpp_files,python_module_qgis__core,generate_sip_qgis._core_cpp_files,generate_sip_qgis._gui_cpp_files,generate_sip_qgis._n  
sip_qgis._networkanalysis_cpp_files,python_module_qgis__networkanalysis}.dir/build.make
```

```
make
```

History

#1 - 2017-01-03 09:24 AM - Drei Eck

.. for completion, the environment variable `_pyqt4_sip_dir` in the build script is:

```
_pyqt4_sip_dir="/usr/share/sip/PyQt4"
```

#2 - 2017-01-03 09:45 AM - Drei Eck

The output of the `cmake-run` is:

```
-- QGIS version: 2.18.2 Las Palmas (21802)
-- Found GRASS 7: /opt/grass (7.0.5, off_t size = )
-- Found Proj: /usr/lib64/libproj.so
-- Found GEOS: /usr/lib/libgeos_c.so (3.5.0)
-- Found GDAL: /usr/lib/libgdal.so (2.1.1)
-- Found Expat: /lib64/libexpat.so
-- Found Spatialindex: /usr/lib64/libspatialindex.so
-- Found Qwt: /usr/lib64/libqwt.so (6.1.3)
-- Found Sqlite3: /usr/lib64/libsqlite3.so
-- Found PostgreSQL: /usr/lib/libpq.so
-- Found Spatialite: /usr/lib64/libspatialite.so
-- Qt WebKit support enabled
-- Found Qt version: 4.8.7
-- Using QtMobility version: system's default
-- QtMobility version: 1.2.0
-- Touch support enabled
-- Found QScintilla2: /usr/lib64/libqscintilla2.so (2.9.3)
-- Found QCA: /usr/lib64/libqca.so (2.1.1)
-- Found QCA OpenSSL plugin
-- Pedantic compiler settings enabled
-- Found Python executable: /usr/bin/python2
-- Found Python version: 2.7.13
-- Found Python library: /usr/lib64/libpython2.7.so
-- Found PyQt4 version: 4.10.4-snapshot-e52357d82574
-- Found SIP version: 4.18.1
-- Found QScintilla2 PyQt module: 2.9.3
-- Found QwtPolar: /usr/lib64/libqwtPolar.so
-- Found GSL: -L/usr/lib -lgsl -lgslcblas -lm
-- Found FCGI: /usr/lib64/libfcgi.so
-- Qsci sip file not found - disabling bindings for derived classes
-- Configuring done
-- Generating done
-- Build files have been written to: /tmp/qgis/src/qgis-2.18.2/build
```

#3 - 2017-05-01 01:01 AM - Giovanni Manghi

- *Easy fix? set to No*
- *Regression? set to No*

#4 - 2019-02-23 11:27 AM - matteo ghetta

- *Status changed from Open to Closed*
- *Description updated*