

QGIS Application - Bug report #4284

error: 'qt_metatype_id' is not a member of 'QMetaTypeId<QVariant>'

2011-09-15 01:21 AM - Sandro Santilli

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Build/Install	
Affected QGIS version:		Regression?: No
Operating System:	GNU/Linux	Easy fix?: No
Pull Request or Patch Applied:	Yes	Resolution: fixed
Crashes QGIS or corrupts data:		Copied to github as #: 14223
Description		
<p>- master 1a70ddd [FEATURE] Import a vector layer from a datasource to a different one Merge of another part of my Summer of Code work (remote-tracking branch 'brushtyler/import_layer')</p> <p>[97%] Building CXX object tests/src/core/CMakeFiles/qgis_expressiontest.dir/testqgsexpression.cpp.o In file included from /usr/include/qt4/QtTest/qtest.h:252, from /usr/include/qt4/QtTest/QtTest:6, from /usr/src/qgis/qgis/tests/src/core/testqgsexpression.cpp:15: /usr/include/qt4/QtTest/qtest_gui.h:111: warning: redundant redeclaration of 'void qt_x11_wait_for_window_manager(QWidget*)' in same scope /usr/include/qt4/QtTest/qtestsystem.h:57: warning: previous declaration of 'void qt_x11_wait_for_window_manager(QWidget*)' In file included from /usr/include/qt4/QtCore/qvariant.h:48, from /usr/include/qt4/QtCore/qsettings.h:46, from /usr/include/qt4/QtCore/QtCore:17, from /usr/include/qt4/QtTest/QtTest:3, from /usr/src/qgis/qgis/tests/src/core/testqgsexpression.cpp:15: /usr/include/qt4/QtCore/qmetatype.h: In static member function 'static int QMetaTypeId2<T>::qt_metatype_id() [with T = QVariant]': /usr/include/qt4/QtCore/qmetatype.h:210: instantiated from 'int qMetaTypeId(T*) [with T = QVariant]' /usr/src/qgis/qgis/tests/src/core/testqgsexpression.cpp:231: instantiated from here /usr/include/qt4/QtCore/qmetatype.h:200: error: 'qt_metatype_id' is not a member of 'QMetaTypeId<QVariant>' make[2]: *** [tests/src/core/CMakeFiles/qgis_expressiontest.dir/testqgsexpression.cpp.o] Error 1 make[1]: *** [tests/src/core/CMakeFiles/qgis_expressiontest.dir/all] Error 2 make: *** [all] Error 2</p>		

History

#1 - 2011-09-19 02:45 AM - Sandro Santilli

For the record, this happens on "make" but is a test
(shouldn't it only be built by "make check"?)

I guess not many people enable testing if this didn't come out before

#2 - 2011-09-19 07:39 AM - Sandro Santilli

For clarity, you need -DENABLE_TESTS=1 switch to cmake for this to be reproduced

#3 - 2011-10-22 04:22 AM - Giuseppe Sucameli

It may be a QT bug (QT < 4.7.1), see <https://bugreports.qt.nokia.com/browse/QTBUG-8549>

#4 - 2011-10-22 04:25 AM - Sandro Santilli

4.6.2-Ubuntu5.3 is the version in here

#5 - 2011-10-22 05:07 AM - Sandro Santilli

- Pull Request or Patch supplied changed from No to Yes

The following changes since commit 232f1617614678115e6c42431a5976fc21f1dd4e:

marco (1):

Fix for ticket #4414 (svg indicators for arrows are not shown)

are available in the git repository at:

git@github.com:strk/Quantum-GIS.git qt462

Sandro Santilli (1):

Workaround for builds against Qt 4.6.2. Fixes bug #4284.

tests/src/core/testqgsexpression.cpp | 4 +++

1 files changed, 4 insertions(), 0 deletions(-)

#6 - 2011-10-22 05:19 AM - Sandro Santilli

Branch updated to include a version check:

The following changes since commit 232f1617614678115e6c42431a5976fc21f1dd4e:

marco (1):

Fix for ticket #4414 (svg indicators for arrows are not shown)

are available in the git repository at:

git@github.com:strk/Quantum-GIS.git qt462

Sandro Santilli (2):

Workaround for builds against Qt 4.6.2. Fixes bug #4284.

Only implement QVariant bug workaround when building against Qt < 4.7.1 [#4284]

tests/src/core/testqgsexpression.cpp | 5 +++

1 files changed, 5 insertions(+), 0 deletions(-)

Tests welcome with newer QT versions

#7 - 2011-10-22 05:32 AM - Giuseppe Sucameli

Here (Ubuntu 11.04 and QT 4.7.2) the compilation still works fine and ends without errors before and after your fix.

#8 - 2011-10-22 05:49 AM - Sandro Santilli

- *Resolution set to fixed*

Pushed to master by Jef (thanks!).

926b3888a15a25eb4f15d5b3fdc62a08016b20c3

d7b106fed347c4d7dcae546cb65a9a2dd6619ab0

#9 - 2011-10-22 05:52 AM - Giuseppe Sucameli

- *Status changed from Open to Closed*