Freeciv - Bug #896335
Qt deprecation warnings in S2_6/S3_0 when --enable-debug NOT used

2020-11-12 09:01 PM - Alexandro Ignatiev

Status: Closed
Priority: Normal
Assignee: Marko Lindqvist
Category: General
Sprint/Milestone: 2.6.4

Description
Compiled the project on latest Ubuntu release with gcc10.2, got lots of warnings (mostly from Qt deprecations but other things as well). The error in Lua 5.3 is probably a false positive that will be fixed in the compiler but maybe I just don't see, the fix attached is just a kludge that seems to work.

Related issues:
Related to Freeciv - Feature #899340: msys2: -Werror on snapshot builds
Closed
Blocked by Freeciv - Feature #910441: S2_6/S3_0 Qt: Replace QApplication::des...
Closed
Blocked by Freeciv - Feature #910460: S2_6/S3_0 Qt: Deprecated qVariantFromVa...
Closed
Blocked by Freeciv - Feature #910547: S2_6/S3_0 Qt: Deprecated QFontMetrics::...
Closed

History
#1 - 2020-11-12 09:33 PM - Marko Lindqvist
What is the freeciv version you are building? Things in other-update-gcc-10_2.patch seem something that has been fixed a long time (a year) ago already.

Fixing Qt warnings is not that straightforward. In S2_6 and S3_0 we are supporting Qt versions as old as 5.2, so we can't replace deprecated constructs with something that has been introduced in later versions only. See for example Bug #870968 for what has been done so far. By the way, do you really mean Qt-5.4? It sounds weird combination to have so old Qt version and gcc-10 in the same system.

I haven't checked lua patch yet. I know lua gives errors about lua code, but I haven't seen any problems with gcc. Maybe all my systems just use syslua, so I have not happened to build lua with latest gcc versions.

#2 - 2020-11-12 09:46 PM - Marko Lindqvist
Marko Lindqvist wrote:

I haven't checked lua patch yet. I know lua gives errors about lua code, but I haven't seen any problems with gcc. Maybe all my systems just use syslua, so I have not happened to build lua with latest gcc versions.

It's probably what is fixed by a different patch in Bug #889511. At least I can't reproduce any compile error by building current version of included lua with gcc-10.

#3 - 2020-11-13 10:57 AM - Alexandro Ignatiev
Ah yes, it was a branch code. I checked Qt files and considered that they are consistent but seems like no 0_0 I got Qt ver from qmake --version, is it wrong?

#4 - 2020-11-13 12:35 PM - Marko Lindqvist
Alexandro Ignatiev wrote:

I got Qt ver from qmake --version, is it wrong?

I think latest Ubuntu (20.10) has Qt-5.14. What does freeciv say in Help->About Freeciv?

#5 - 2020-11-13 08:23 PM - Alexandro Ignatiev
Ah yes, "About Qt" help says 5.14.2. What you do to avoid deprecation warnings?

#6 - 2020-11-13 08:26 PM - Marko Lindqvist
Alexandro Ignatiev wrote:
What you do to avoid deprecation warnings?

They are already disabled for --enable-debug builds (where they would be errors) in S2_6 and S3_0 (in master there should be no such warnings, and if new ones appear, we want to see them). Maybe we should do the same also for regular builds.

#7 - 2020-11-17 11:42 AM - Marko Lindqvist
Subject changed from Update code to avoid gcc10/Qt5.4 warnings to Qt deprecation warnings in S2_6/S3_0 when --enable-debug NOT used

#8 - 2020-11-17 12:27 PM - Marko Lindqvist
QApplication::primaryScreen() changes should be safe even in Qt-5.2. Can you make a patch that has just those changes? (Preferably in a new ticket, reserving this one for the more general question of deprecation warning handling)

#9 - 2020-12-01 06:29 AM - Marko Lindqvist
Related to Feature #899340: msys2: -Werror on snapshot builds added

#10 - 2020-12-04 08:02 PM - John Robertson
File 3623-S2_6-2-Qt-updated-from-deprecated-Qt5-APIs.patch added

#11 - 2020-12-04 08:16 PM - Marko Lindqvist
Read the ticket's comment so far. Your patch is practically identical to already rejected one.

#12 - 2020-12-12 09:38 AM - Marko Lindqvist
Sprint/Milestone changed from 2.6.3 to 2.6.4

#13 - 2020-12-27 09:27 PM - Marko Lindqvist
Marko Lindqvist wrote:

QApplication::primaryScreen() changes should be safe even in Qt-5.2. Can you make a patch that has just those changes? (Preferably in a new ticket, reserving this one for the more general question of deprecation warning handling)

-> Feature #910441

#14 - 2020-12-27 10:49 PM - Marko Lindqvist
Blocked by Feature #910441: S2_6/S3_0 Qt: Replace QApplication::desktop()->screenGeometry() with QApplication::primaryScreen()->geometry() added

#15 - 2020-12-27 10:49 PM - Marko Lindqvist
Blocked by Feature #910460: S2_6/S3_0 Qt: Deprecated qVariantFromValue() added

#16 - 2020-12-28 05:55 AM - Marko Lindqvist
Blocked by Feature #910547: S2_6/S3_0 Qt: Deprecated QFontMetrics::width added

#17 - 2020-12-28 06:12 AM - Marko Lindqvist
File 0032-Restore-deprecation-warnings-to-CXXFLAGS-in-enable-d.patch added
Status changed from New to Resolved

Patch to restore deprecation warnings in --enable-debug builds after all the issues (blocking tickets) have been resolved.

#18 - 2021-01-16 08:17 AM - Marko Lindqvist
Status changed from Resolved to Closed
Assignee set to Marko Lindqvist

Files
lua53-gcc10-kludge.patch 916 Bytes 2020-11-12 Alexandre Ignatiev
other-c-update-gcc10_2.patch 2.19 KB 2020-11-12 Alexandre Ignatiev
qt5_4-update.patch 12.3 KB 2020-11-12 Alexandre Ignatiev
3623-S2_6_2-Qt-updated-from-deprecated-Qt5-APIs.patch 13.4 KB 2020-12-04 John Robertson