

Doomsday Engine - Feature #1991

Qt 5.5 as minimum requirement for GUI, Qt 5.x for non-GUI build

2015-03-10 08:27 - skyjake

Status:	Closed	Start date:	2015-03-10
Priority:	Normal	% Done:	100%
Assignee:	skyjake		
Category:	Cleanup		
Target version:	2.0 – Home UI & Packages		
Description <p>Qt 4 is nowadays in maintenance mode and is not being actively developed any more. Qt 5 offers better APIs and more up-to-date functionality, e.g., QOpenGLWindow. We should drop support for Qt 4.7 and set the minimum at Qt 5.6 (LTS).</p> <p>This would also simplify CMake build configuration, since it would not be necessary to support for Qt 4 and 5, which have different CMake configuration mechanisms (Qt 4 modules come with CMake, Qt 5 config packages come with the Qt SDK).</p> <p>The downside is that older operating systems typically do not have the latest Qt 5 binaries (e.g., old Linux distros).</p>			
Related issues:			
Related to Feature #1794: Mobile apps and shared client/server code (more mod...		Closed	2014-05-02
Related to Feature #1900: OpenGL 3.3 Core Profile		Closed	2014-11-18
Related to Feature #1675: Switch to new Qt 5.4+ OpenGL APIs (from QGLWidget)		Closed	2013-10-24

History

#1 - 2015-03-21 22:54 - skyjake

- Related to Feature #1794: Mobile apps and shared client/server code (more modular code structure) added

#2 - 2015-04-30 17:34 - skyjake

cmake-build supports configuration for both Qt 5 and Qt 4.

#3 - 2015-05-03 14:31 - skyjake

- Target version changed from 42 to 2.0 – Home UI & Packages

#4 - 2015-06-06 09:57 - skyjake

- Related to Feature #1900: OpenGL 3.3 Core Profile added

#5 - 2015-11-03 09:19 - skyjake

- % Done changed from 0 to 90

The only thing missing here is to add checks that say that Qt 4 builds are not supported; CMake should show an error message.

#6 - 2016-02-24 09:53 - skyjake

- Subject changed from Qt 5 as minimum requirement to Qt 5.6 as minimum requirement

Qt 5.6 is (will be) the new LTS release, which makes it a good minimum requirement going forward.

#7 - 2016-02-24 09:54 - skyjake

- Description updated

#8 - 2016-04-26 10:05 - skyjake

- Status changed from New to In Progress

#9 - 2016-05-13 13:53 - skyjake

- Priority changed from Normal to Low

#10 - 2016-07-06 00:09 - skyjake

- Assignee changed from Deng Team to skyjake

#11 - 2016-07-19 13:06 - skyjake

- Status changed from In Progress to Progressed

#12 - 2016-07-23 22:38 - skyjake

Ubuntu 16.04 LTS has Qt 5.5, Raspbian Jessie has 5.3.

#13 - 2016-08-07 08:52 - skyjake

- Target version changed from 2.0 – Home UI & Packages to 2.1 (Late 2018)

#14 - 2016-10-03 09:49 - skyjake

- Related to Feature #1675: Switch to new Qt 5.4+ OpenGL APIs (from QGLWidget) added

#15 - 2016-11-28 09:30 - skyjake

- Subject changed from Qt 5.6 as minimum requirement to Qt 5.5 as minimum requirement for GUI, Qt 5.x for non-GUI build

- Status changed from Progressed to Closed

- Priority changed from Low to Normal

- Target version changed from 2.1 (Late 2018) to 2.0 – Home UI & Packages

- % Done changed from 90 to 100

#16 - 2017-02-25 18:06 - skyjake

- Category changed from Enhancement to Cleanup