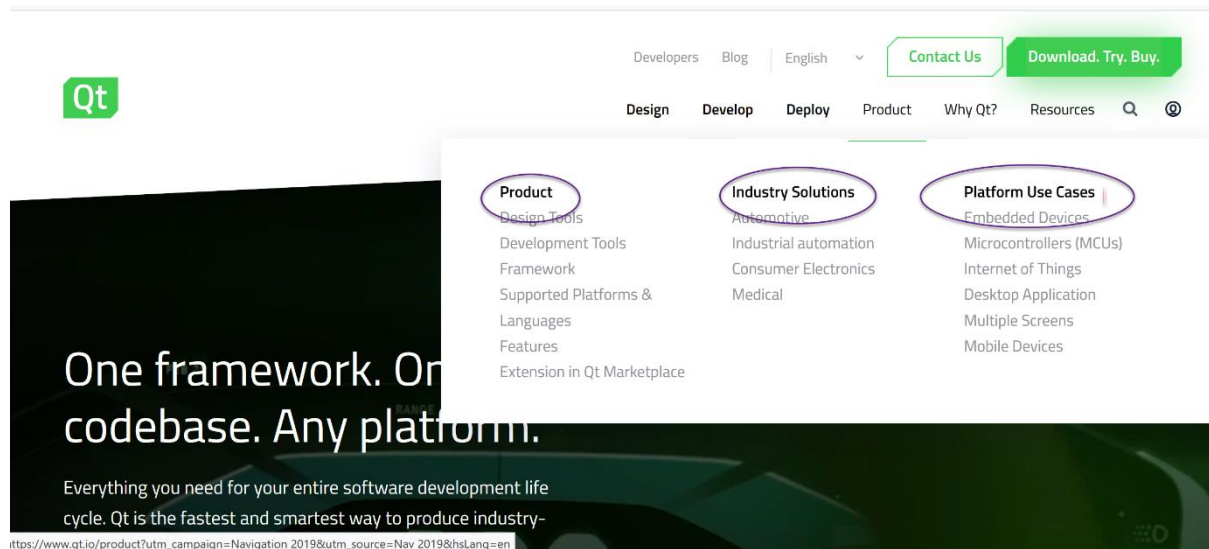# Qt Documentation improvement ideas: Qt Documentation main page

Qt.io:

https://www.qt.io/:

Qt consists of:

- product – framework, tools etc.
- industry solutions – Automotive, Medical etc.
- platforms – embedded, desktop etc.
  - ➔ it would be logical to find similar issues on the Qt Documentation main page

Qt Documentation main page: https://doc.qt.io/

- focus mainly on product related content
- platforms are not very visible on the page ➔ this could be improved
- some industry solutions are mentioned but together with platforms (=Qt for Device Creation) ➔ confusing? See improvement ideas on the next pages
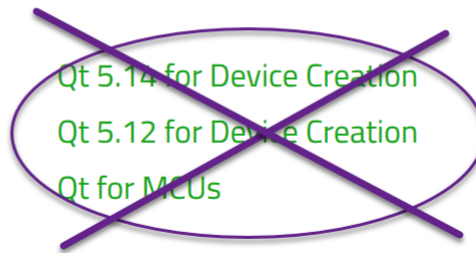
Improvement ideas for the Qt Documentation main page https://doc.qt.io/

Solutions

Solutions

Qt provides tailored solutions for specific platforms and industry requirements

Qt Automotive Suite 5.13   Qt 5.14 for Device Creation

Qt Automotive Suite 5.12   Qt 5.12 for Device Creation

Qt for Automation   Qt for MCUs
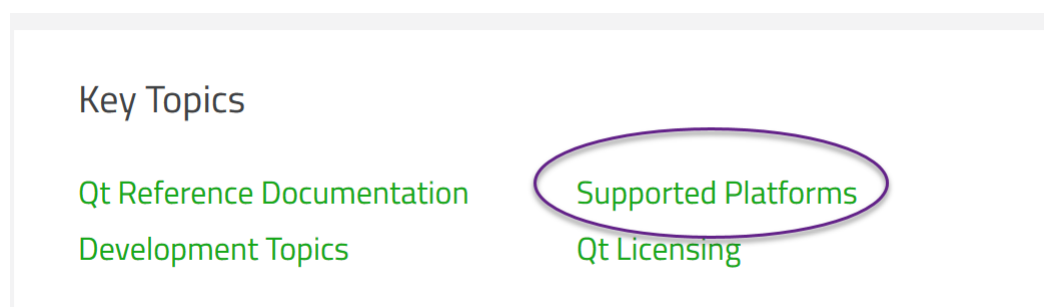
Qt Safe Renderer

Keep only the "real" solutions:

- Remove Qt 5.x for Device Creation
- Remove Qt for MCUs

Add links to the solutions that are not yet mentioned:

- Qt for Automation: https://doc.qt.io/QtForAutomation/index.html
- Qt Medical & Qt Consumer Electronics → no documentation pages available?

Platforms

We could improve the content of the Supported Platforms topic under Key Topics (detailed ideas listed a bit later):

Key Topics

Qt Reference Documentation   Supported Platforms

Development Topics   Qt Licensing

Or we could bring the platforms to the main page (https://doc.qt.io/)

- one new "box" that includes links to all platform specific main pages (e.g. Qt for Windows https://doc.qt.io/qt-5/windows.html; Qt for Embedded Linux https://doc.qt.io/qt-5/embedded-linux.html, Qt for Android https://doc.qt.io/qt-5/android.html) OR

- separate boxes for Desktop platforms (Windows, Linux, MacOS), Mobile platforms (Android, iOS/tvOS/watchOS, UWP, Qt for WebAssembly), and Embedded devices (Embedded Linux, Qt for QNX, Qt for Integrity, VxWorks, Qt for MCU, Boot to Qt and/or Qt for Device Creation)
- we could also have the existing Supported Platforms topic and improve its content

Supported platforms topic

- https://doc.qt.io/qt-5/supported-platforms.html

Good thing in the current page:

- tables that provide information which OS versions, compilers etc. are supported:

Windows

Operating System	Architecture	Compiler	Notes
Windows 10	x86 and x86_64	MSVC 2017, MSVC 2015, MinGW 7.3	
Windows 8.1	x86 and x86_64	MSVC 2017, MSVC 2015, MinGW 7.3	
Windows 7	x86 and x86_64	MSVC 2017, MSVC 2015, MinGW 7.3	MinGW-builds GCC 7.3.0 (x86)

Mobile Platforms

Android

Platform Version	Architecture	Compiler	Build Environment
Android 5.0 or later (that is, API Level 21 and up)	armv7a and x86, arm64-v8 and x86_64	Clang as provided by Google, MinGW 7.3	RHEL 7.x (x86_64), macOS 10.13, Windows 10 (x86_64), Windows 7

➔ the topic should provide similar kind of information for all supported platforms
➔ Currently the Embedded Platforms are not listed at all in the page, it just links to the Qt for Device Creation page

We could pick the needed information from the platform specific topics:
- Qt for Integrity: https://doc.qt.io/qt-5/integrity.html#supported-development-hosts-and-boards
- Qt for QNX: https://doc.qt.io/qt-5/qnx.html#supported-architectures-and-qnx-releases
- Qt for VxWorks: https://doc.qt.io/qt-5/vxworks.html#supported-architectures-and-vxworks-releases
- Boot to Qt and Qt for MCU have a more complicated list of supported issues:
  - https://doc.qt.io/QtForMCUs/qtul-supported-platforms.html
  - https://doc.qt.io/QtForDeviceCreation/qtdc-supported-platforms.html
  - ➔ no need to move/copy these to the Supported platforms topic, just add a link?