



Qt Strategy & Roadmap

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Qt 5.0 Beta 2 released today

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Strategy

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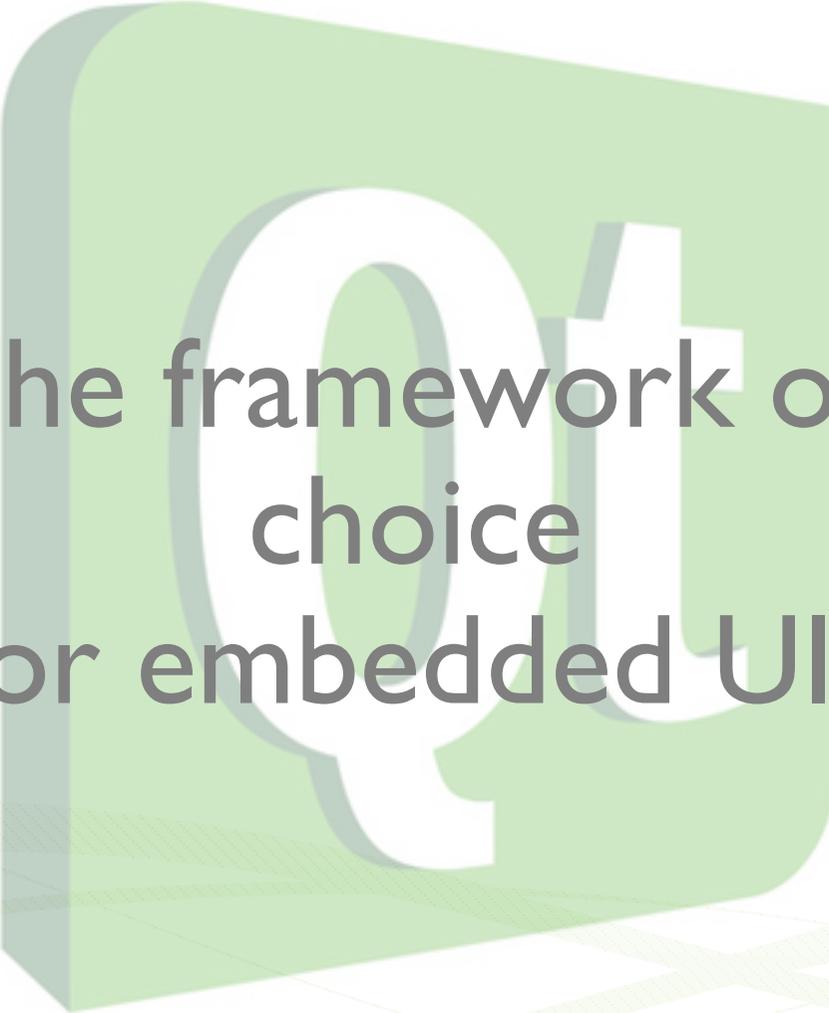
Support our user base
on
Desktop PCs

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Embedded devices require User Interfaces



The framework of choice for embedded UIs

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The world is
connected

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A large, 3D-style logo for Qt, consisting of a green rounded square with the letters 'Qt' in white. The logo is centered in the background.

Qt Applications can be
connected

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Time to market matters

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Create best in class
Tooling Solutions

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Two Smartphones
sold for every
PC

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One tablet
sold for every
three Laptops

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40 % Android
30% Windows
20% iOS & Mac OS X
10% Others



The worlds leading
Cross Platform
Framework

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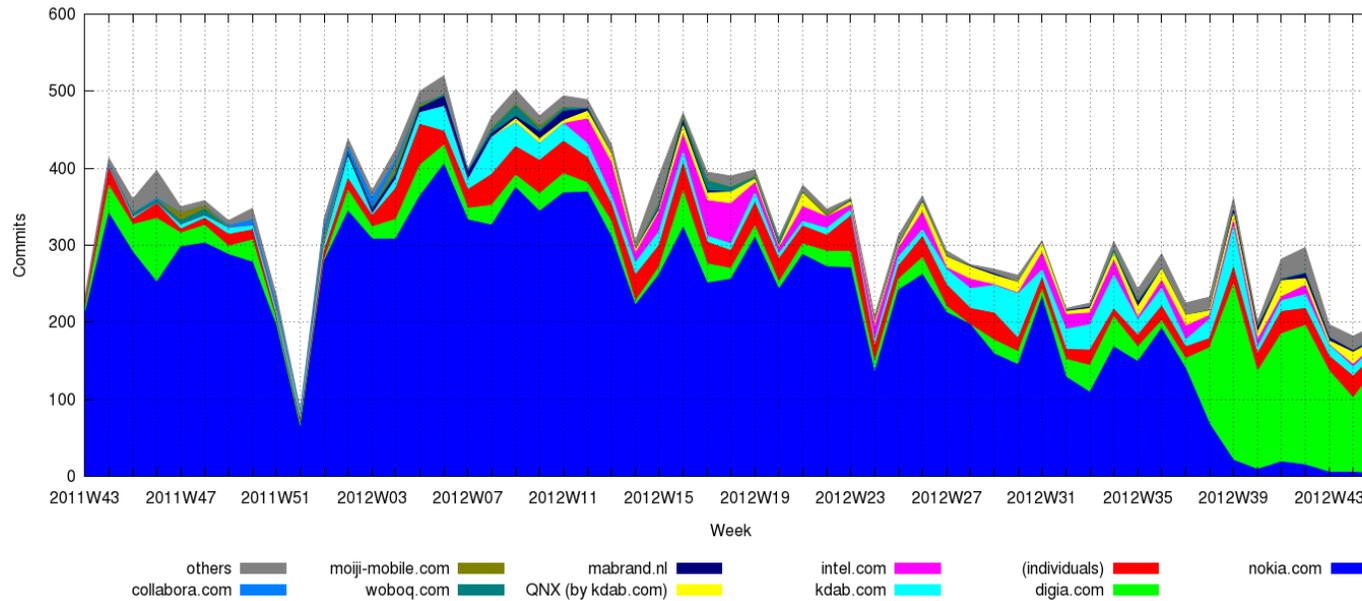
Qt Project & Community

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25.000 commits
450 different committers



Top Contributors: Nokia, Digia, KDAB, RIM, Intel

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What's in Qt 5?

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Compatible with Qt 4

99% Source compatible

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Widgets fully supported

On all desktop platforms

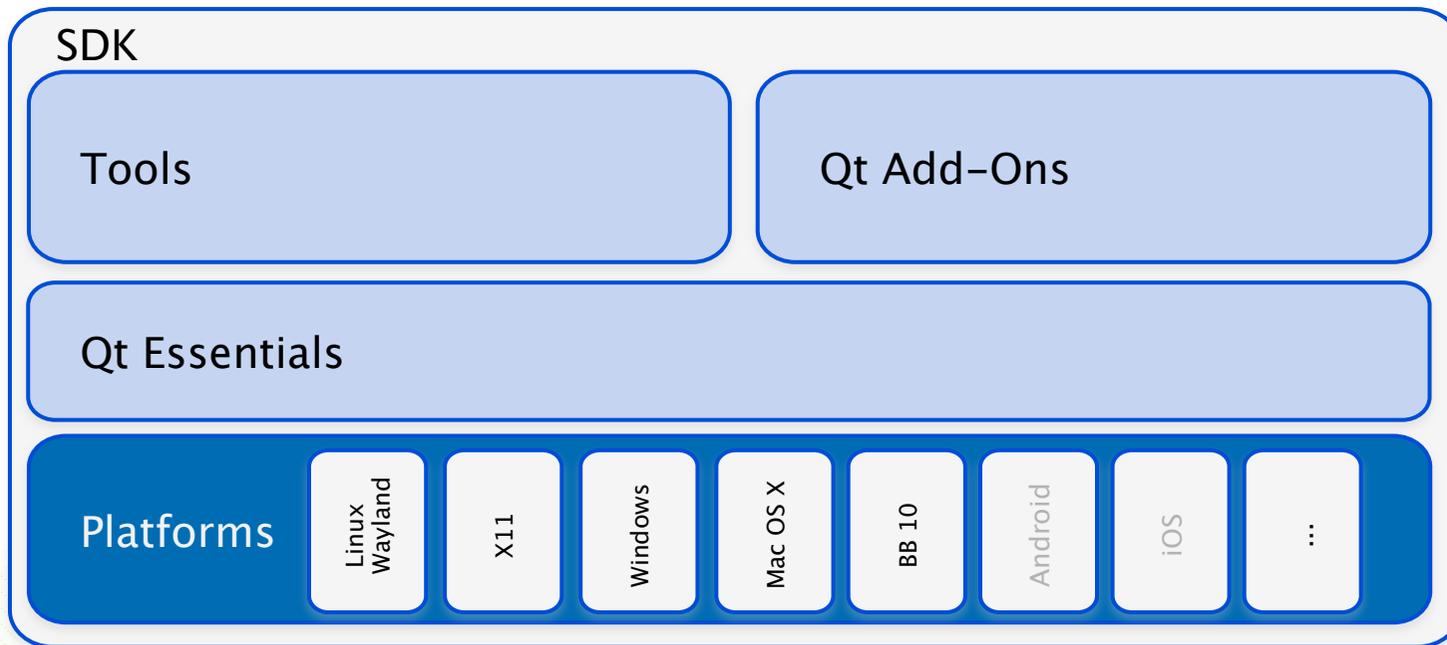
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Modular architecture

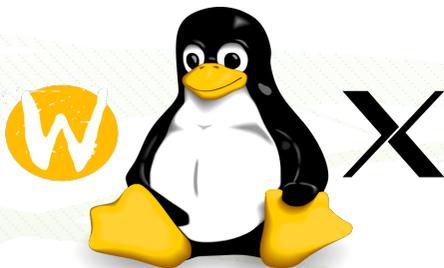
Only include the modules you need





Essentials

- Qt Core
- Qt Network
- Qt Gui
- Qt Widgets
- Qt Sql
- Qt Qml
- Qt Quick
- Qt Multimedia
- Qt Webkit





Add-on modules

Fully supported

- Qt Concurrent
- Qt Print Support
- Qt DBus
- Qt Testlib
- Qt Xml Patterns
- Qt ActiveQt
- Qt Help
- Qt Graphical Effects
- Qt Declarative (Quick 1)

Supported but deprecated

- Qt OpenGL
- Qt Xml
- Qt Svg
- Qt Script & Script Tools



Qt Platform Abstraction

Used for all ports

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New Graphics Architecture

Optimal use of your GPU

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C++11 Support

Enabled on compilers that support it

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Signals/Slots

New template based connect mechanism



Unicode throughout



Qt Core & Qt Network

- JSON support
- Mimetype support
- QStandardPaths
- QRegularExpression based on PCRE
- QDnsLookup
- Improved support for IPV6
- Improved SSL handling



Qt Gui

- QWidget based classes moved to Qt Widgets
- Window system integration and graphics
- Integrated and greatly improved OpenGL support
- QOpenGLPaintDevice



Qt QML & Qt Quick

- brand new, enhanced QML engine
- Improvements to the type system
- Improvements to Import and module handling
- Drawing based on an Open GL scene graph
- Extremely fast, fully scalable text
- MultiPointTouchArea
- Particle system
- Many, many other improvements



Qt Multimedia

- New essential module
- Audio and Video playback and recording
- Streaming
- Camera support
- Uses native system API as backend



Qt WebKit

- Up to date WebKit
- Latest HTML5 features
- WebKit 2 process separation for Qt Quick
 - Better stability
 - Does not block the UI



... and the remaining pieces

- Qt Graphical effects
 - Advanced graphical effects for your Qt Quick based application
- Qt XmlPatterns, Qt Script, Qt Sql, Qt Svg, ...
 - Fully compatible with Qt 4.8
- Qt Declarative
 - The Qt Quick 1 engine, also fully compatible with Qt 4.8
- Many other Add-ons available
 - Qt 3D, Qt Location, Qt Sensors, Qt Wayland, Qt Serial Port, ...
 - Not part of the official Qt 5.0 release
 - May get added in future releases



Qt 5.0 release
anticipated
by end of the year

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The road ahead

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Time based releases

Two feature releases per year

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ANDROID

Coming 2013

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ios

Coming 2013

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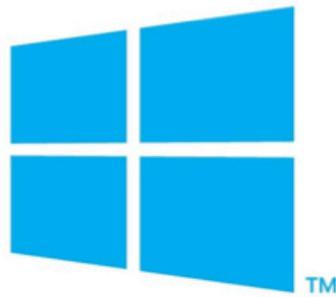
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Tier 1 in 2013

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Windows® 8

Under investigation

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Device development

2013

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Qt Quick Components for Desktop & Touch

Before summer

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Build system and Deployment

Before summer

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Tooling improvements

Incremental

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Fully support more
Add-ons

Incremental

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The future looks bright

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