Qt Group

The Future of
Digital Experiences

Qt Group

Design. Develop. Test.

Qt encompasses all the tools required throughout your software application or embedded device creation process from planning & design through to development and testing

A Streamlined Workflow

With Qt, you can decouple the UI and the application logic to allow designers, developers, and testers work simultaneously on the same project – even across different companies. The end result is a product you can run on any platform and even reuse for other projects.

Accelerate Your UI Development

Equip your team with the tools that enable seamless and simultaneous collaboration on complex projects: Empower your designers to create animated, pixel-perfect UI prototypes based on the designs and wireframes imported from their favorite graphics design tool. Automatically generate the UI code developers can use to make the end-to-end implementation of any project a breeze.

1+ Billion Devices and Applications Powered and Assured by Qt

Qt Development

Create More. Code Less. Deploy Everywhere.

Qt's core offering of extensive libraries, APIs and development tools are made for creating cutting-edge software experiences in record-breaking times, while enabling users to produce cross-platform software with a single code base.

Design, Develop & Deploy
User Interfaces & Applications

Target embedded, desktop, and mobile platforms with the same code base for all.

The Framework

The most complete set of libraries for UI development, business logic and machine-to-machine communication using imperative C++ and other declarative approaches.

Development Tools

Cross-platform IDE with a large variety of tools and extensions that enhance the user experience of Qt developers.

Design Tools

Visual 2D/3D UI editor with ready-made UI components. Design from prototype to production.

Quality Assurance

Quality assurance tools for GUI testing, code coverage analysis, and a results management platform.

Supported Platforms

Wide-ranging support of operating systems for desktop, mobile, embedded, RTOS and bare metal, scalable from MPUs down to MCUs.

Qt for MCUs

A complete graphics framework and toolkit to create and deliver smartphone-like user experiences on resource-constrained devices.
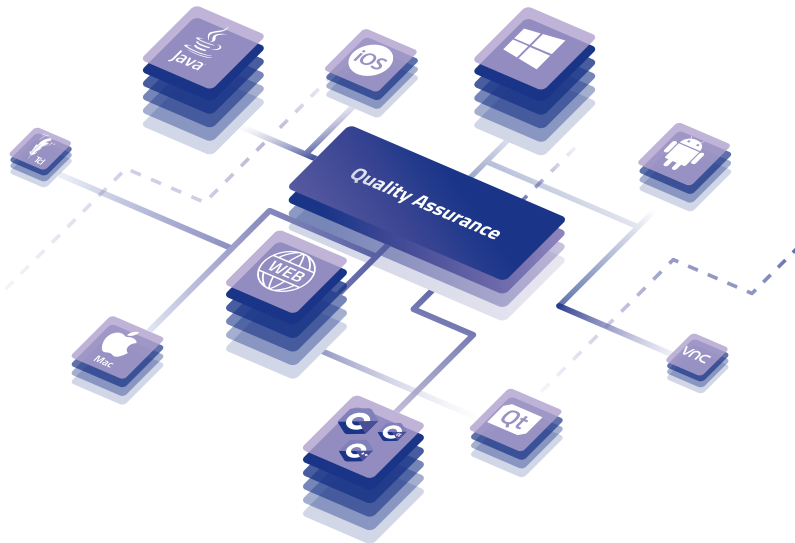
Qt Quality Assurance

Analyze. Automate.
Accelerate. Assure Quality.

No matter your development approach, we have comprehensive quality management tools for your entire software lifecycle – regardless of the platform you use.

Windows | Java | Web | Qt | Android | iOS | Mac | Tk | VNC | C | C++ | SystemC | C#

Each Pillar of Software Quality Management, Covered

Our complete quality assurance suite enables you to automate your testing, accelerate your software lifecycle, and most importantly, ensure quality. Combine those three elements and you **save time**, **cost** and enable **growth**.

Squish
Automated GUI testing for cross-platform desktop, mobile, embedded and web applications.

Coco
Cross-platform, cross-compiler advanced code coverage analysis and tool qualification.

Test Center
Centralized test result management platform connecting automation with the entire development process.

Axivion Architecture verification
Automated architecture check that guarantees necessary conformance.

Axivion Static Code Analysis
Next-generation static code analysis that checks your software for style violations.

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