

Checklist for Your Seamless Migration from Qt 5 to Qt 6

Use our checklist to take control of your migration and navigate it efficiently.

0 Discovery

- Analysis of existing components, architecture, and technical debt (modules, libraries, layers, interfaces, dependencies, outdated workarounds)
- Review of current build and development environment (compilers, tools, CI/CD setup)

1 Preparation (Qt 5.15)

- Upgrade to Qt 5.15 including activation of `QT_DISABLE_DEPRECATED_UP_TO=0x060000`
- Fixing compiler warning and deprecated features
- Initial smoke tests to validate basic functionality
- Documentation of known issues for later reference

2 Migration to Qt 6

Code and API

- Adapting code to new Qt 6 APIs (methods, classes, semantics)

- Review of platform-specific APIs and interfaces

Build and Integration

- Transition from QMake/CMake and integration with package management
- Resolving build-time and runtime issues

Graphics and Performance

- Focus on new graphics backends (rendering, high-DPI support)
- Performance and stability optimization

3 Testing and Optimization

- Updating and extending all unit and integration tests (including Squish, QML, Clazy)
- Leveraging Qt 6 tools (QML Lint, Format Checker)
- Creation of a structured test report including metrics, outcomes, and open issues

Qt 6 offers you **enhanced performance, long-term viability, and lower maintenance costs.**

Our compact checklist gives you full control over every step: **analyze, transition, and optimize.**

Invest now in performance, stability, and tangible cost savings — with Qwasaa at your side.



Qwasaa is your expert for migrating from Qt 5 to Qt 6

With cutting-edge migration strategies and suitable technology, we **minimize effort, prevent development slowdowns, and bring your project up to date – fast.**

Book a **free 30-minute consultation now** and have your current Qt setup assessed:

Book a consultation now

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Why Qwasaa?

Your trusted partner for a confident migration — with no detours

- Leading specialist in Qt migrations
- State-of-the-art technology for fast and stable transitions
- Proprietary tools for risk reduction and efficiency gains
- Personal consulting and tailored solution

