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# Debugging and Profiling Qt Applications on Windows

Material based on Qt 5.9 and Windows 10, created on October 01, 2018

The logo for KDAB, featuring a stylized white lightning bolt icon to the left of the text "KDAB" in white, all on a blue background.

KDAB

*The Qt, OpenGL and C++ Experts*

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## Debugging Qt Applications

- Debug Symbols, Compiler Optimizations
- Testing
- Code Coverage
- Logging
- Tracing
- Debugger
- GammaRay
- Intel Inspector
- Sanitizers
- Assertions
- Static Code Analysis

## Profiling Qt Applications

- Introduction
- Manual Timing
- Windows Profiling Tools
- VTune
- QML Profiling
- OpenGL

## Appendix

- Tracing
- Instrumentation
- Sampling
- Performance Counters
- Backtraces
- Other Notes
- Further Reading
- Testing Qt Applications