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# Debugging and Profiling C++ Applications on Windows

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The logo for KDAB, featuring a stylized white lightning bolt icon to the left of the text 'KDAB' in a white, sans-serif font, all set against a blue rectangular background with a white diagonal cutout at the bottom left corner.

KDAB

*The Qt, OpenGL and C++ Experts*

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## Debugging C++ Applications

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

## Profiling C++ Applications

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

## Appendix

- Tracing
- Instrumentation
- Sampling
- Performance Counters
- Backtraces
- Other Notes
- Further Reading