



Klocwork Insight Pro: The Agile Developer's Desktop

Maintain iteration velocity and reduce the risk of bug debt with an integrated suite that includes powerful source code analysis, collaborative code review, and refactoring tools.

Klocwork Insight Pro is a suite of development productivity tools built on Klocwork's proven source code analysis (SCA) solution. Combining all the capabilities of Klocwork Insight SCA plus a collaborative code review platform and automated C/C++ refactoring, Insight Pro gives developers the tools they need to achieve:

- » **Reduced bug debt**, with the vast majority of implementation flaws being caught through continuous in-editor code analysis
- » **Vastly increased code review coverage**, using a social network-style usability model that brings the developers to the code review in a natural, asynchronous manner
- » **More maintainable, comprehensible code** via powerful in-editor refactoring tools for such common tasks as extracting methods, renaming, etc.

// BUILT ON PROVEN SOURCE CODE ANALYSIS

Klocwork has been conducting static analysis research and development for well over a decade, and provides a proven and widely deployed solution, Klocwork Insight.

The foundation of Klocwork's analysis technology is an automated whole-program analysis engine that delivers the most accurate and comprehensive analysis possible on C, C++, Java, and C# code.

This core technology uses a combination of build process comprehension, code compilation and syntax analysis, dataflow analysis on the control flow graph, and symbolic logic to provide:

- » Accurate Bug Identification and Vulnerability Analysis
- » Architecture visualization and optimization
- » Software metrics and trending

// CONTINUOUS DESKTOP ANALYSIS

Klocwork's continuous desktop analysis integrates seamlessly with a developer's edit cycle. This ensures that critical quality and security vulnerability issues are found at the earliest point possible.

- » Boost productivity by ensuring that developers can find issues within seconds of their being introduced.
- » Intuitive usability with ongoing updates in an error bar that enables developers to see - as they code - any errors as soon as these are introduced into the code.
- » Support for leading IDEs Visual Studio 2005, 2008, Eclipse CDT 3.4, 3.5 and a stand-alone GUI, Klocwork Desktop.

By eliminating code defects early in the development process, Klocwork Insight helps organizations to accelerate development, reduce costs, create a better implementation process and deliver cleaner, better code.

