

RESORT Code Analysis Toolset

Based on RESORT's inter-procedural control & data flow analysis without executing the C, C++, Java(JSP), Mobile and SAP ABAP source code, RESORT Code Analysis Toolset detects all defects for reliability, safety and security, and measures software metrics.

RESORT Product Features

- **(No Configuration)** Works on source code only using "RESORT Code Analysis" technology without building (compile) step
- **(Fully Coverage)** Identifies all defects of Reliability, Safety & Security
- **Tool Qualification:** ISO26262, IEC61508, EN50128, CWE Compatibility

Embedded Coding Standards

- (Automobile) MISRA-C:2012, MISRA-C++:2008
- (Aerospace) JSF++, JPL Java/C, BSSC Java/C
- (Railroad) C/C++, (Healthcare) C++
- (Mobile) Objective-C, Android

Run-time Error

- CWE-658(for C), CWE-659(for C++), CWE-660(for Java)

Security Vulnerability

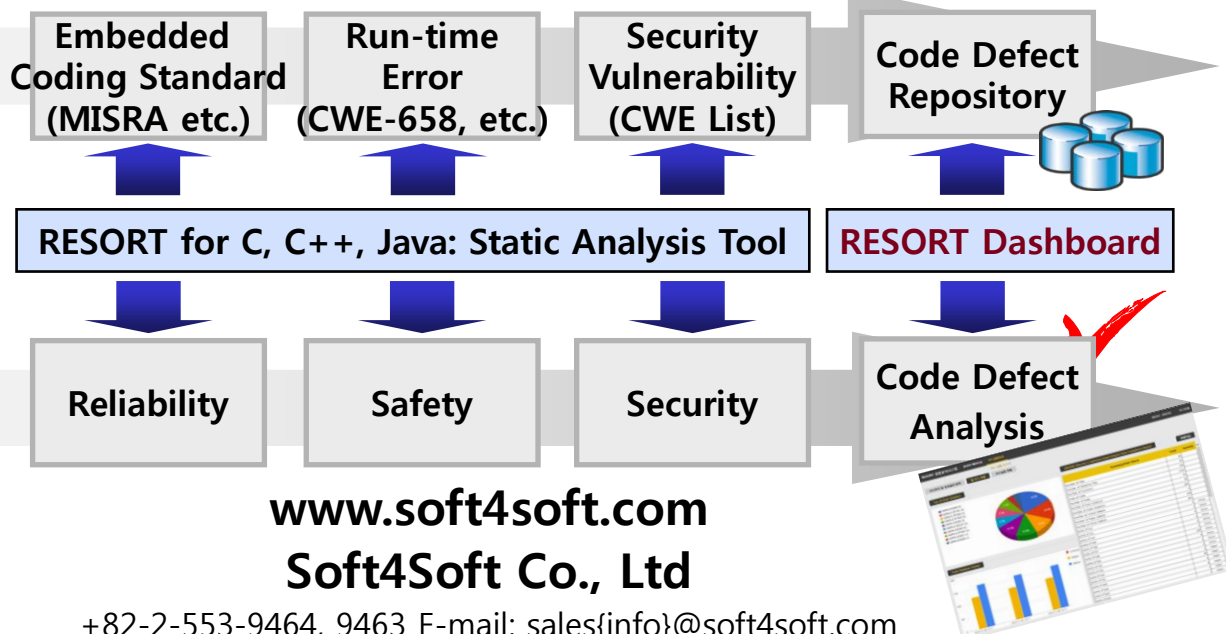
- CWE, Juliet Test Suite for C/C++, Java

SW Metrics

- (Automobile) MISRA Software Metrics, HIS Source Code Metrics
- ISO 9126 Maintainability Quality Metrics

Defect Dashboard

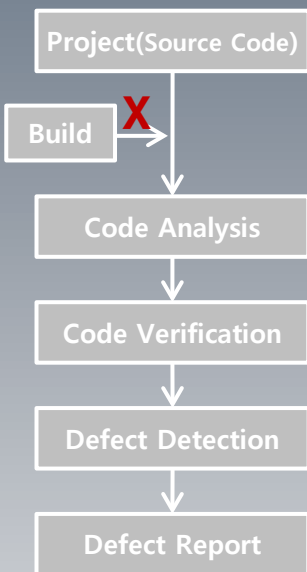
- Code Defect Analysis & Statistics: Assessment of Rule Compliance, etc.
- Code Defect Exception Transaction: Request & Acknowledgment



Supported Languages

- C, C++, Java(JSP), JavaScript, Flex, ABAP
- Mobile(iOS, Android)

Using RESORT Toolset



IDE & CI-Server Plug-in

- Eclipse, IntelliJ, Android Studio, Visual Studio, Xcode, etc.
- Jenkins/Hudson



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