

RESORT Static Analysis Toolset

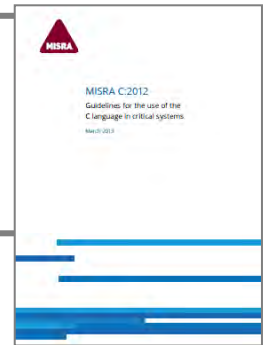
Based on the uncompiled source code only, RESORT static analysis tool is an integrated static analysis that simultaneously checks Reliability(Coding Standard), Safety(Run-time Error) and Security(Security Vulnerability), and code metrics based on inter-procedural path analysis.

RESORT Product Features

- **(No Configuration)** Works on source code only using "RESORT Code Analysis" technology without building (compile) step
- **(No False Positive)** Inter-procedural Path Analysis
- **(Fully Coverage)** Identifies all defects of Reliability, Safety & Security
 - Supporting One Guide to One Rule for readability
- **(Tool Qualification)** ISO26262, IEC61508, EN50128, CWE Compatibility

Reliability(Coding Standards)

- (Automobile) MISRA-C:2012, MISRA-C++:2008
- (Aerospace) JSF++, JPL Java/C, BSSC Java/C
- Java, JS, Python, Flex, ABAP, (Mobile) Objective-C, Android



Safety(Run-time Error)

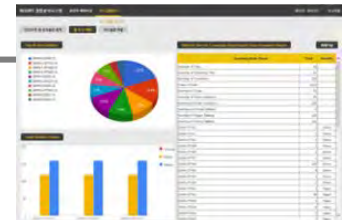
- CWE-658(for C), CWE-659(for C++), CWE-660(for Java)

Security(Security Vulnerability)

- CWE(C, C++, C#, Java, JavaScript, Python, ABAP, Mobile(iOS, Android))

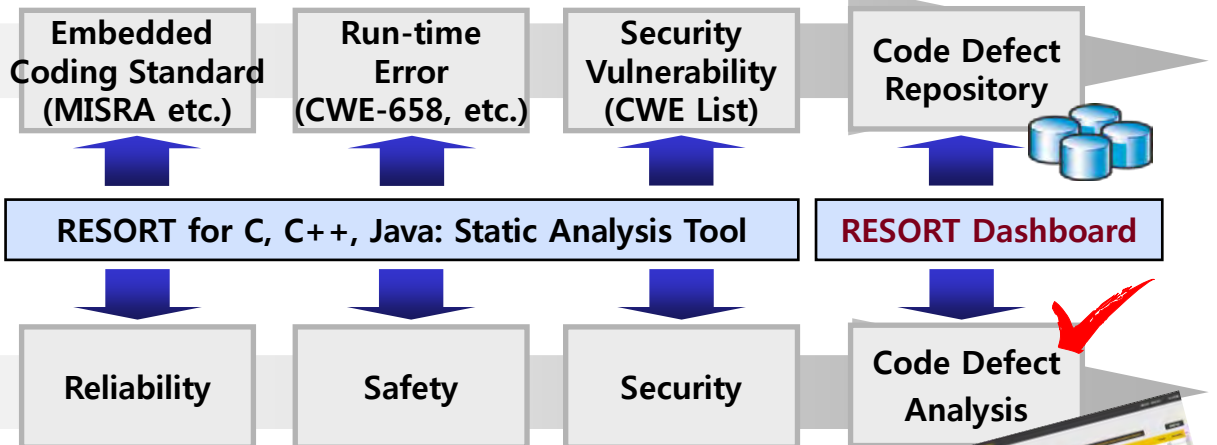
Code Metrics

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



Web Dashboard

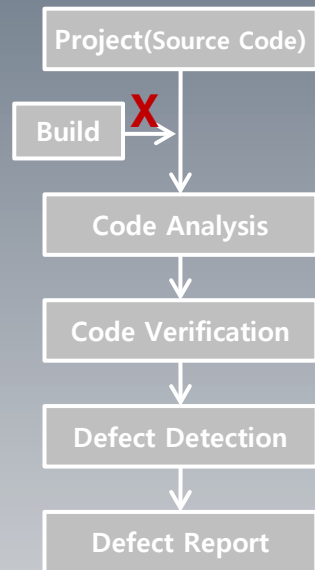
- Code Defect Analysis & Statistics: Assessment of Rule Compliance, etc.
- Code Defect Exception Transaction: Request & Acknowledgment



Tool Name

- RESORT for C, C++, C# Java(JSP), Python, 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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