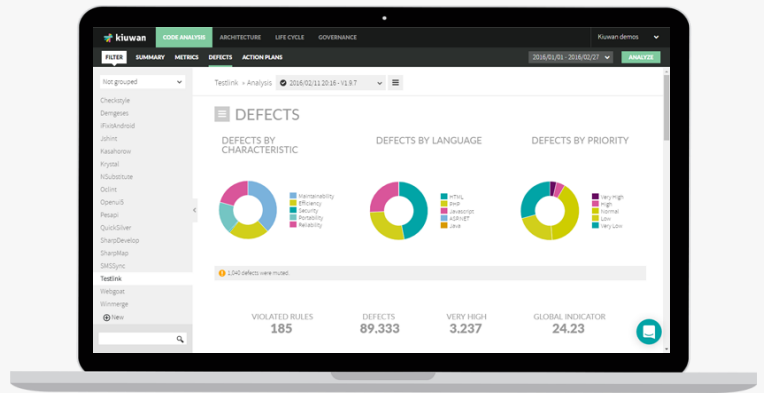


KIUWAN CODE ANALYSIS

Kiuwan Code Analysis offers unparalleled scope in the **detection of errors** and enforces a rigorous approach in the **detection of security vulnerabilities**, smoothly integrating within continuous development processes..

Identify code defects and security vulnerabilities and manage your remediation efforts with blazingly fast speed in a collaborative and unlocalized environment.



thinkapps “With just a glance, you can easily understand if your project is at risk or not”

Some supported languages



We are continuously adding new coding languages & environments to the Kiuwan engine. Stay tuned for more to come.

Contact us

Headquarters

2600 Lake Lucien Drive Suite 115 Maitland, FL 32751. USA

+1 9045 123 050 (USA)
contact@kiuwan.com

Partnership: partners@kiuwan.com

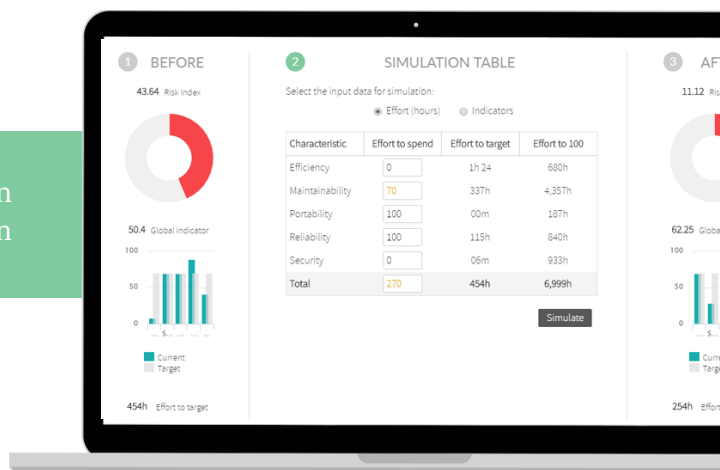
Making it easier... and more secure

- No installation.
- No configuration.
- Collaborative platform between development teams and software vendors. Create all the users you need.
- Reduces production incidents and errors detected in early tests performing validations of source code.
- It reduces development time making your development teams and suppliers comply with market standards.
- The code never leaves your infrastructure (behind the firewall) using Kiuwan local analyzer.
- Generation of indicators to make comparisons and measure developments and trends.

Beyond code analysis

- **Technical debt reduction.** Manages the effort needed to correct the major flaws found.
- Visual configurator to create **models** to select the rules and properties of the analyzer.
- Make **automatic or manual action plans** and perform an automated monitoring of its implementation.
- Analyze continuously with **Jenkins** every time you build your application.
- Complete **history** of your analyses.
- Differential **reports** to find out what defects have been introduced or removed in each version.
- Editor deletions (**defects mute**) that recalculates metrics and indicators without having to re-analyze.
- **Grouping or filtering** application portfolios to facilitate data analysis.
- Ability to **integrate with other analyzers** (eg PMD, Findbugs, Checkstyle among others).
- Develop **your own coding rules** using the Kiuwan development of rules and SDK
- **Import defect metrics** from external analyzers and enjoy the capabilities Kiuwan offer with that data: mute defects, action plans, setting rules, etc.
- PDF report generation at executive level.
- CSV generation with defects and metrics.
- **Export** an action plan to Jira, PDF or CSV.

Make automatic or manual action plans and check their evolution



Some reliability issues

- Data Race
- Deadlock
- Null-Pointer Dereference
- Dangerous Function Cast
- Division by zero
- Double close
- Resource Leak
- ...

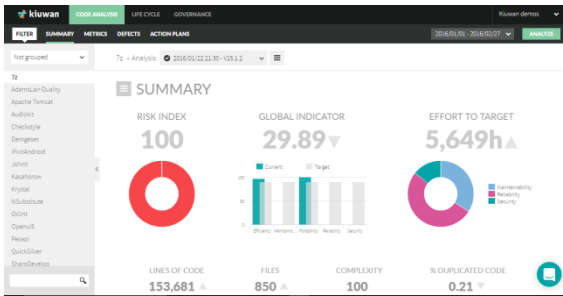
Security Standards



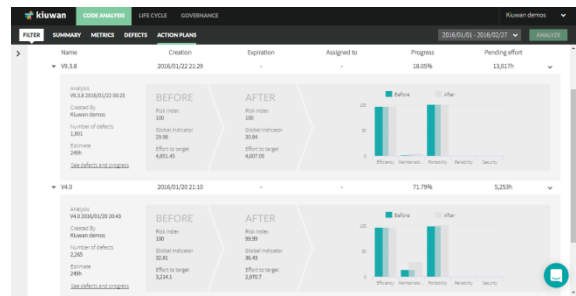
Some detected vulnerabilities

- Uninitialized Variables
- Application Misconfiguration
- Credential/Session Prediction
- Directory Indexing
- Insufficient Authorization/Authentication
- Automatic Reference Counting
- Cross Site Request Forgery
- Information Leakage
- Insufficient Transport Layer Protection
- Insufficient Binary Protection
- Cross Site Scripting
- Injection Attacks
- Interprocess Communication
- OS Commanding
- Insecure Cryptography
- SQL injection
- Cryptographic Related Attacks
- Buffer Overrun
- Free Non-Heap Variable
- Use After-Free
- Double Free/Close
- Format String Vulnerability
- Return Pointer To Local
- ...

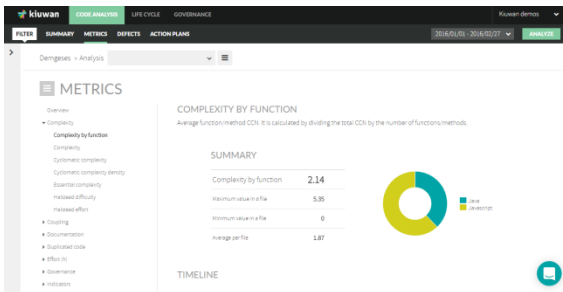
Take a look



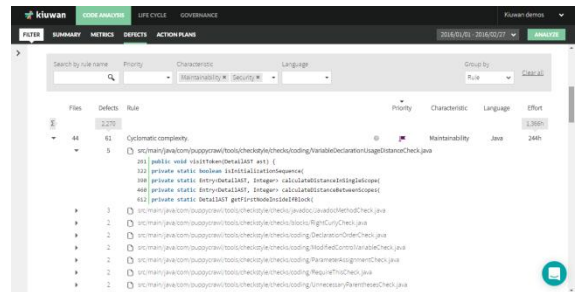
Summary



Action Plans



Metrics



Defects list

Full languages tab

Languages
Java
JSP
Javascript
PHP
Powerscript
Objective-C
C/C++
C#
VB.net
ASP.net
VB6
Abap IV
Cobol
JCL
RPG III
RPG IV
Natural
SQL-92 Standard
Informix SQL
Transact-SQL
Oracle PL/SQL
Oracle Forms
Python

New languages are added continuously.

Please contact us to find out about the upcoming ones.