

Code quality tools

SonarQube :

- is used for continuous inspection of Code Quality and Security.
- Helps in identifying security vulnerabilities in the code
- Supports On-Premise and Cloud
- Used as a SAST (Static Application Security Testing) Tool for the application.

ESLint:

- This is a popular JavaScript code analysis tool
- You can use ESLint in any application that runs on Javascript/Typescript:
React/React Native
Angular
Node.

PMD:

- is an open-source code analysis tool ,used for detecting common coding problems in Java, JavaScript
- It uses static code analysis to identify issues such as unused variables, empty catch blocks

Codacy :

- is a Static code analysis tool capable of identifying security issues, code duplication
- Keeps code quality and security standards in check.

Crucible :

- is an on-premise code-review tool
- Helps with adherence to processes and code quality standards.

Upsource:

- s a smart review tool and repository browser that offers static code analysis through a web-based UI and dashboard.

- Supports most of the Source code management tools like Github, Bitbucket, SVN etc.

PVS-Studio:

- is a proprietary static code analyzer on guard of code quality, security
- PVS-Studio supports integration with the most diverse development tools and compilation systems, as Visual Studio 2022, IntelliJ IDEA, Rider, CLion, VSCode, Qt Creator, Eclipse
- The analyzer works locally and from the cloud.
- Cross-platform and Can be integrated into SonarQube