Code Analysis And Artifact Registries

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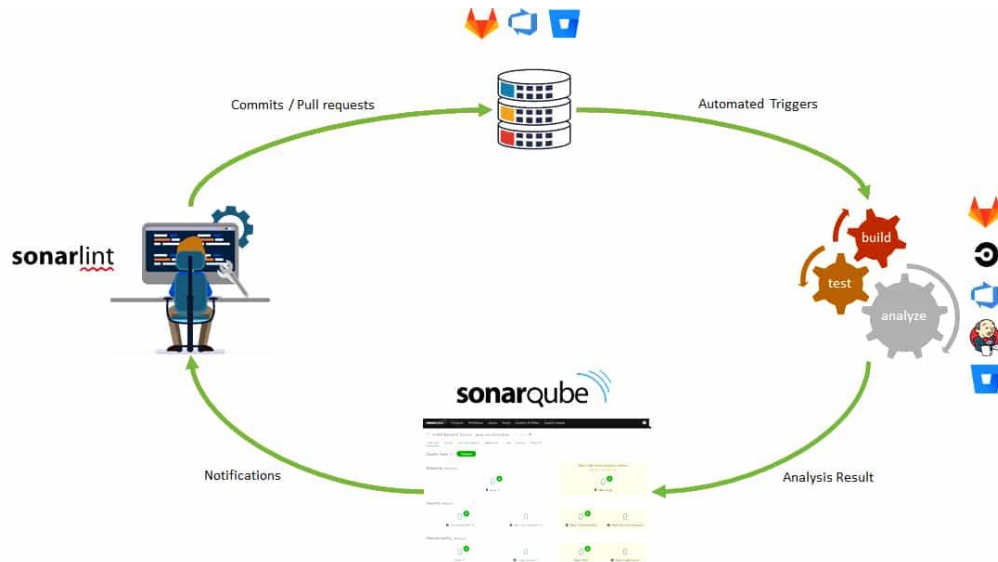
What is Code Analysis?

Code analysis is a process of analyzing the source code to find the possible bugs and inconsistencies within the source code to prevent any malfunction and enhance the code quality and performance.

Sonarqube and SonarCloud

Sonarqube is a web-based tool that is used to analyze the quality of source code.

It uses a set of quality gates metrics that are inbuilt or can be custom defined for analysis.

A quality gate constitutes various quality profiles that are defined with various quality rules.

Artifact Registry

Just like a source code repository but for the build artifacts.

After the building process, the executable files and testing results are stored in an orderly versioned manner in an artifact registry.