MENU ≡

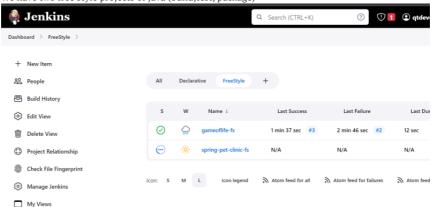


MARCH 5, 2023

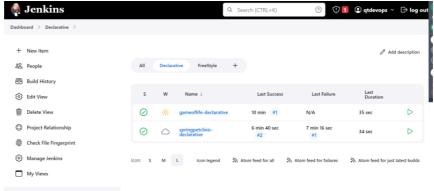
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Static Code Analysis

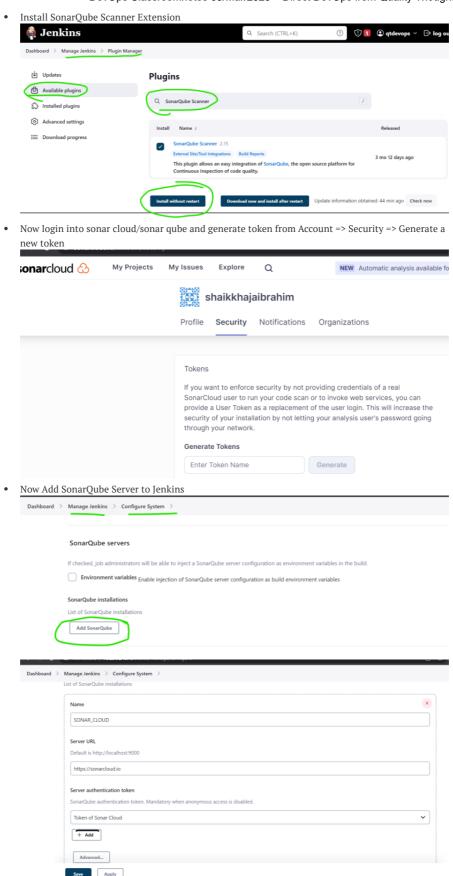
- Static Code Analysis focuses on
 - Coding Standards
 - Best Practices
 - Security Checks
 - Code Coverage
- To perform Static Code Analyis we will be using Sonar Qube.
- Sonar Qube can be installed on any linux/windows instance Refer Here
- Refer Here to install sonar qube on ubuntu 22.04
- For this class purposes i would be using Refer Here
- We have a Jenkins master with 4 executors and node with 4 executors.
- Jenkins master has JDK 17 and Maven where as node 1 has JDK8, JDK11 and maven
- We have two free style projects of java (build,test, package)



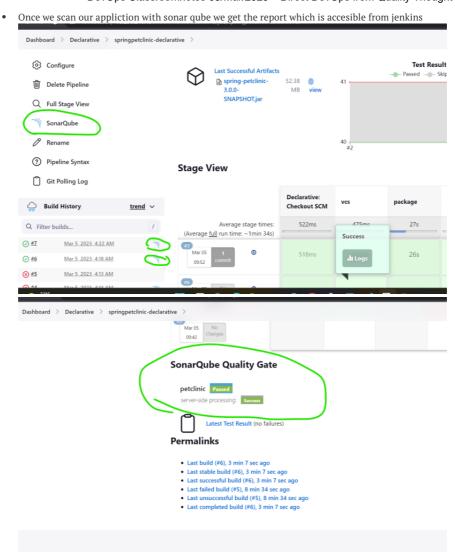
We have two declarative projects of java (build,test, package)



To integrate sonar qube with jenkins Refer Here for previous blog article and [Refer Here]
(https://docs.sonarqube.org/latest/analyzing-source-code/scanners/jenkins-extensionsonarqube/#:~:text=Configure%20your%20SonarQube%20server(s,as%20a%20Secret%20Text%20crfor official docs of sonar qube



- Refer Here for the declarative pipeline to perform sonar analyis for spring petclinic
- Refer Here for sonar qube with jenkins and Refer Here for azure devops



• To make code secure organizations add more rules than what exist by default Refer Here

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