How To -Jenkins-SonarQube Integration for Maven application

Prerequisite:

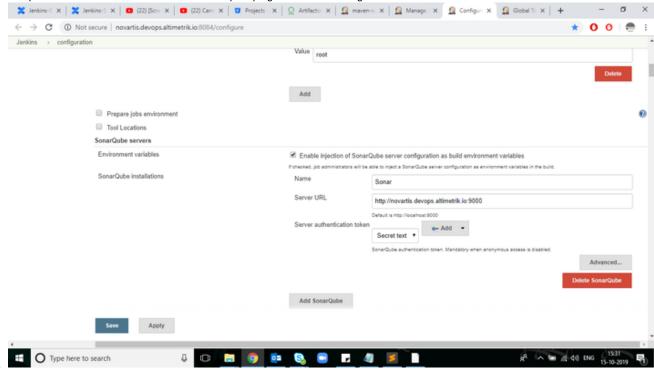
- 1. Jenkins is setup with Bitbucket repo.
- 2. SonarQube is running and you have Sonar Scanner setup in system.

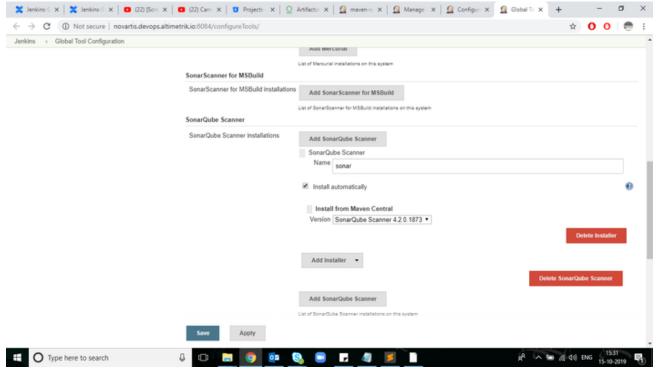
Sonarqube configurations:-

- 1. go to sonarqube server and create a project.
- 2. go to sonarqube dashboard and create quality profiles and create quality gates for java application and assign the projects. reference this document https://altimetrik.atlassian.net/wiki/spaces/DC/pages/209453145/How+to+-+Configuration+for+code+check+gates.
- 3. now you can able to create the sonarqube project.

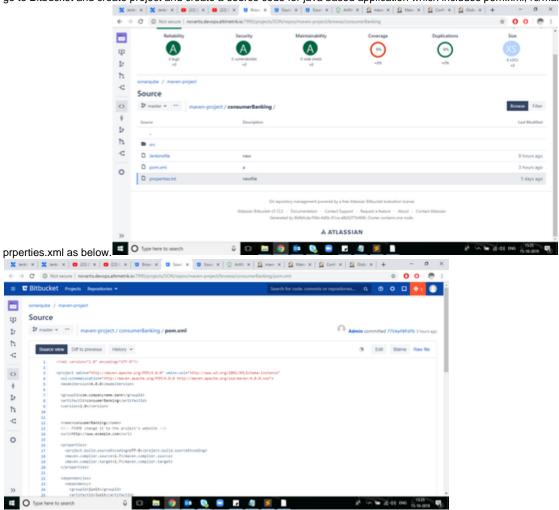
Jenkins configurations:-

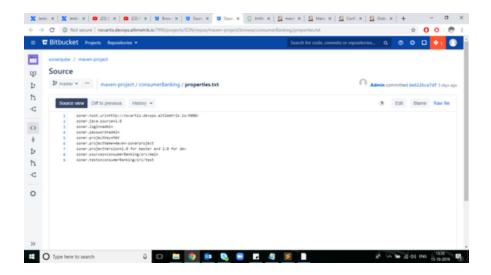
1. Setup SonarQube with Jenkins- install sonarqube plugin and made configuration as below





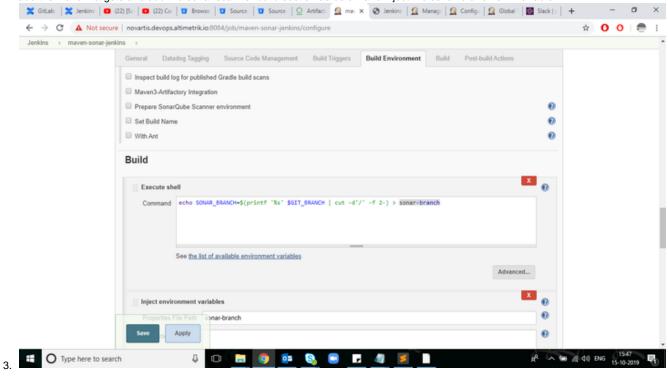
- 3. do the following configuration, sonar installation and sonar server instance configuration as above.
- 4. go to Bitbucket and create project and create a source code for java based application which includes pom.xml, rc/main and src/test,

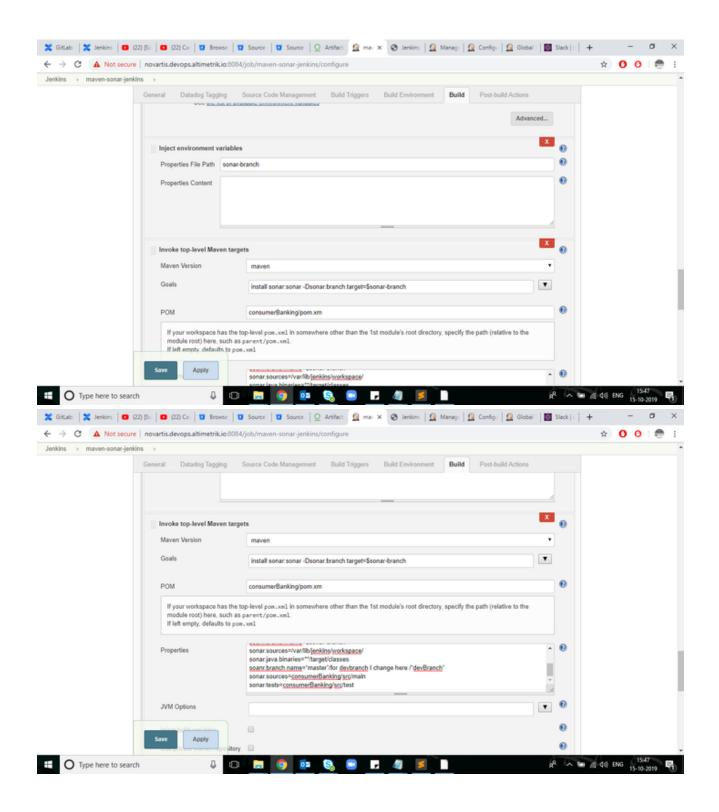


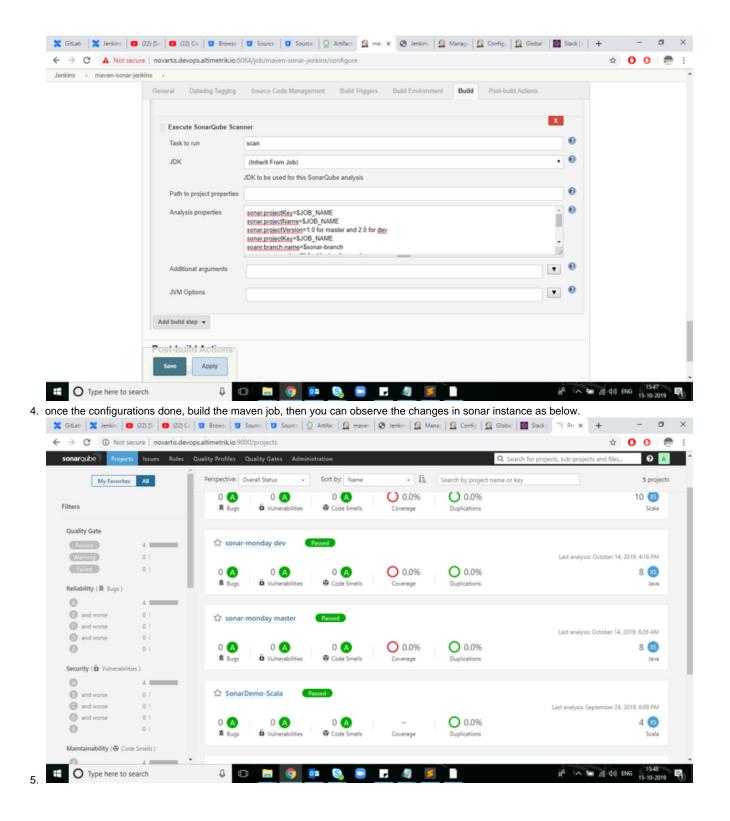


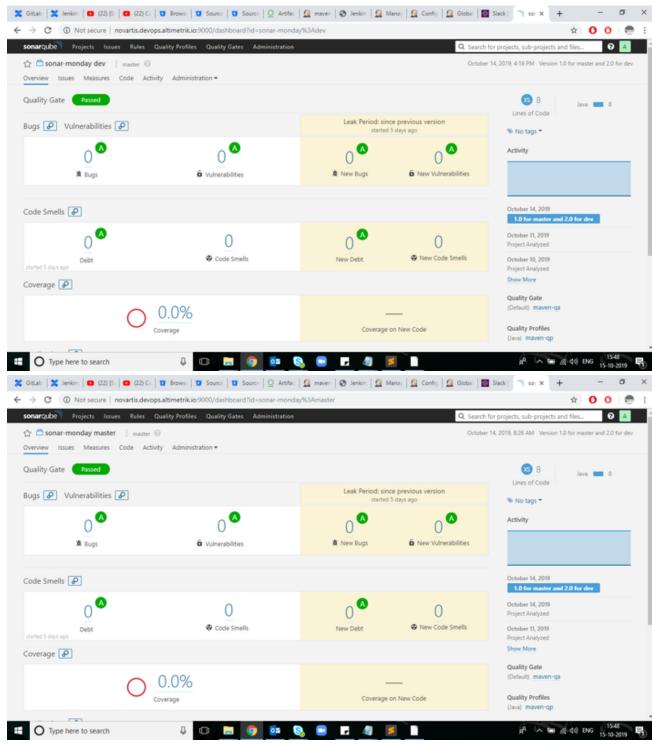
Jenkins Job configurations:-

- 1. create a job and update the configurations as below.
- 2. add the maven targets and add the sonar scanner build section as below and inject the sonar-branch env variable.









6. we have to insert the git branch env var, then we can see the same project name with different branches in the sonar.