Analyzing with SonarQube Scanner for Ant

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- The SonarQube Scanner for Ant provides a task to allow integration of SonarQube analysis into an Apache Ant build script.
- SonarQube Scanner for Ant 2.5 compatible with Sonarqube server 5.6 +
- ➤ Minimum Ant version is 1.7.1
- ➤ Minimum Java 1.8 + version
- Download the sonarqube-ant-task-2.5.jar and copy to project classpath or any directory on your computer
- Add below sonarqube properties in build.xml file

```
<!-- Define the SonarOube project properties -->
cproject name="SonarQubeAnt" default="main" basedir="."
xmlns:sonar="antlib:org.sonar.ant">
      cproperty name="sonar.host.url" value="http://localhost:9000" />
      <property name="sonar.projectKey" value="com.sivajavatechie.sonarqube.ant" />
      cproperty name="sonar.projectName" value="SonarQubeAnt" />
      cproperty name="sonar.projectVersion" value="1.0" />
      cproperty name="sonar.sources" value="src" />
      cproperty name="sonar.java.binaries" value="bin" />
      cproperty name="sonar.java.libraries" value="dist/*.jar" />
   Add Task in build.xml file for the sonargube scanner
<!-- Define SonarQube Scanner for Ant Target -->
      <target name="sonar">
          <taskdef uri="antlib:org.sonar.ant" resource="org/sonar/ant/antlib.xml">
      <!-- Update the following line, or put the "sonarqube-ant-task-*.jar" file in
your own directory or class path and provide the below path correctly.
      In this example I copied the jar to root project folder -->
      <classpath path="sonarqube-ant-task-2.5.jar" />
          </taskdef>
      <!-- Execute SonarQube Scanner for Ant Analysis -->
          <sonar:sonar />
      </target>
```

- Start the sonarQuber server 5.6+
- First build your project and run the sonarqube analysis commandant sonar
- SonarQube Scanner for ant2.5 analyze your Ant project source and will send the report to Sonarqube server for the further processing
- Login into sonarqube server by accessing URLlocalhost:9000
- > You will able to find the sonarqube report for your Ant project in Sonarqube server