**Create a sample Ant Project**

1. Use the attached code to create “ANT” project.
2. Unzip the source to the directory of your choice



**Setup a GIT**

1. Install Git (Check the git installation document)
2. Clone Git (Check the git clone document)

3.Create the master git repository ,copy the source code and clone it

**Download and Install Sonarqube & Sonarscanner**

**Sonarqube**

1. Download from the below site (sonar-4.5.7.zip )

<http://www.sonarsource.org/downloads/>

1. Unzip the zip file (sonar-4.5.7.zip) to a folder of your choice
2. Edit the sonar.properties file in the conf folder. (e.g D:<sonar\_home>/conf/sonar.properties )

Uncomment the following lines in the sonar.properties

|  |
| --- |
| sonar.jdbc.maxActive =20  sonar.jdbc.maxIdle =5  sonar.jdbc.minIdle =2  sonar.jdbc.maxWait =5000  sonar.jdbc.minEvictableIdleTimeMillis=600000  sonar.jdbc.timeBetweenEvictionRunsMillis=30000  sonar.web.port =9081  sonar.search.port =9010 |

1. Run StartSonar.bat in the <sonar\_home>/bin/windows-x86-32 folder

Example : D:<sonar\_home>\ bin\windows-x86-32>StartSonar.bat

1. Test using browser

<http://localhost:9081>

**Note: - Refer to sonar installation document for more details**

**Sonarscanner**

1. Download SONARSCANNER from the below site (sonar-scanner-2.5.zip )

<http://www.sonarsource.org/downloads/>

1. Unzip the zip file (sonar- scanner -2.5.zip) to a folder of your choice
2. Update the global settings (database connection, server URL) by editing the file (<sonar\_scanner\_HOME>\ sonar-scanner-2.5\conf\ sonar-runner.properties )

|  |
| --- |
| #sonar.host.url=http://localhost:9000  sonar.host.url=http://localhost:9081 |

1. Edit the sonar-runner.properties file in the conf folder

sonar.projectKey=Source\_bd

sonar.sources=D:\\sonar\\New\_version\\source\\BD

sonar.projectName=Argentina\_bd

sonar.projectVersion=1.0

1. In the command prompt navigate to source folder



1. We have to navigate to <sonar\_scanner\_home>/bin/sonar\_runner.bat and run the command



Sonarscanner installed and configured successfully!!!