

SonarQube Eclipse Plugin

Configuration and usage specific to Eclipse SonarQube plugin will be described here.

Pre-requisites

Install Sonar Eclipse plugin according to the version of your Eclipse IDE

<http://docs.codehaus.org/display/SONAR/Installing+SonarQube+in+Eclipse>

Remote analysis

Configure Sonar Eclipse plugin as mentioned [here](#), note the following specific configurations need to be done

Setting SonarQube server URL

URL <https://analysis.apache.org>

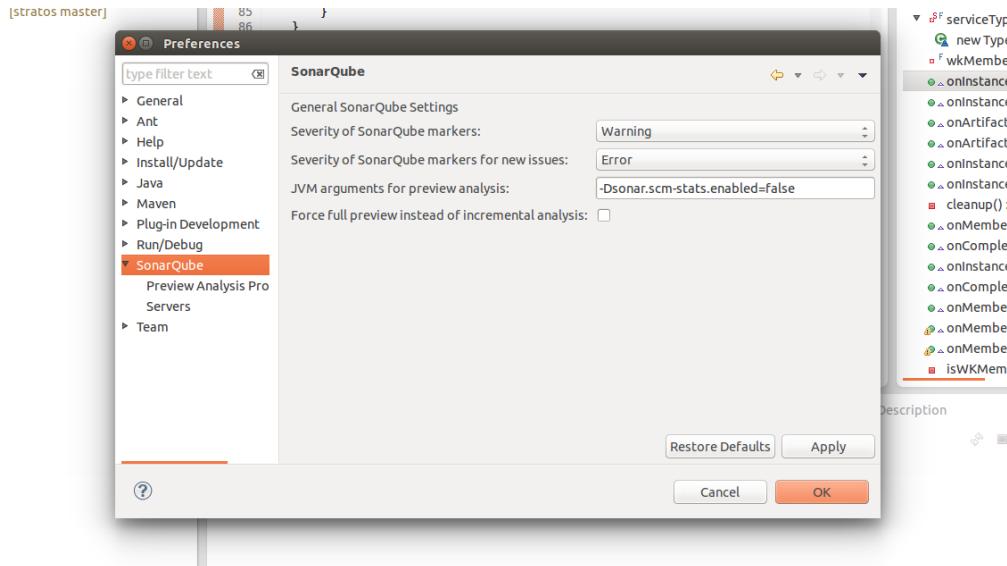
Username / password : leave blank

Advanced Configuration

Window > Preferences > SonarQube,

In “JVM arguments for preview analysis” field, set the following

`-Dsonar.scm-stats.enabled=false`



Now you can associate any project with Sonar and perform analysis

Results will be displayed in “SonarQube Issues” tab in Eclipse.

The screenshot shows the Eclipse IDE interface with the SonarQube plugin installed. The code editor displays Java code with several annotations from the SonarQube plugin. The Problems view shows a list of 4 errors and 391 warnings. A tooltip on the right side of the screen provides a detailed list of SonarQube methods and their descriptions.

Description	Assignee	Resource	New issue
critical (19 items)			
Bad practice - Class defines compareTo(...) and uses Object.equals() : org.apache.stratos.manager.dto.Cartridge		Cartridge.java	false
Bad practice - Method may fail to close stream : org.apache.stratos.manager.utils.CartridgeConfigFileReader.read		CartridgeConf	false
Bad practice - Random object created and used only once : Random object created and used only once in org.apac		LBCreationSub	false
Correctness - Don't use removeAll to clear a collection : removeAll used to clear a collection in org.apache.stratos		SubscriptionD	false
Correctness - Method call passes null for nonnull parameter : Null passed for nonnull parameter of org.apache.st		DefaultLoadBa	false

Double click on an issue, it will take you to the exact line number.

For more information on this please refer this [link](#)

Local analysis

Refer [this](#) for setting up local SonarQube server in your machine. Then you can run a local analysis as below instructed,

- Right click on the project in Eclipse, and then Configure > Associate with SonarQube
- In the SonarQube project text field, start typing the name of the project and select it in the list box
- Refer Sonar [docs](#) for more information