# 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

type filter text 🗷	SonarQube		
<ul> <li>General</li> <li>Ant</li> <li>Help</li> <li>Install/Update</li> <li>Java</li> <li>Maven</li> <li>Plug-in Development</li> <li>Run/Debug</li> <li>SonarQube</li> <li>Preview Analysis Proservers</li> <li>Feam</li> </ul>	General SonarQube Settings Severity of SonarQube markers: Severity of SonarQube markers for new issues: JVM arguments for preview analysis: Force full preview instead of incremental analysis:	Warning       :         Error       :         -Dsonar.scm-stats.enabled=False       :	
		Restore Defaults Apply	Descript

Now you can associate any project with Sonar and perform analysis

Results will be displayed in "SonarQube Issues" tab in Eclipse.

230       return convertedHttpURL;         231       }         232       public static void addDNSEntry(String alias, String cartridgeType) {         233       //new DNSManager().addNewSubDomain(alias + "." + cartridgeType, System.getProperty(C         235       }         236       public static SubscriptionInfo createSubscriptionResponse(CartridgeSubscriptionInfo cart         236       public static SubscriptionInfo createSubscriptionResponse(CartridgeSubscriptionInfo cart         237       public static SubscriptionInfo createSubscriptionResponse(CartridgeSubscriptionInfo cart         238       Problems @ Javadoc @ Declaration % Search % Progress % SonarQube Issues & % SonarQube Rule DescriptionSubscription	log:Log getAppDeploymentDirPath(Str createCartridgeSubscription(Ca createPortMappings(Cartridgel getTenantId(ConfigurationConto generatePassword():String		
Description	Assignee	Resource	New issue
▼ 🕜 Critical (19 items)			
😡 Bad practice - Class defines compareTo() and uses Object.equals() : org.apache.stratos.manager.dto.Cartridg	e	Cartridge.java	false
😡 Bad practice - Method may fail to close stream : org.apache.stratos.manager.utils.CartridgeConfigFileReader.re	ea	CartridgeConf	false
🕞 🚱 Bad practice - Random object created and used only once : Random object created and used only once in org.apa		LBCreationSub	false
O Correctness - Don't use removeAll to clear a collection : removeAll used to clear a collection in org.apache.strat	0	SubscriptionD	false
O 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 •
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