

Configuring the SonarQube Scanner for Hudson

Table of Contents

- Prerequisites
- Configuring the Hudson SonarQube Plugin
 - Adding SonarQube Server
 - Adding SonarQube Runner

Prerequisites

- Running instances of Hudson and SonarQube
- SonarQube Scanner for Hudson installed on Hudson

Configuring the Hudson SonarQube Plugin

Adding SonarQube Server

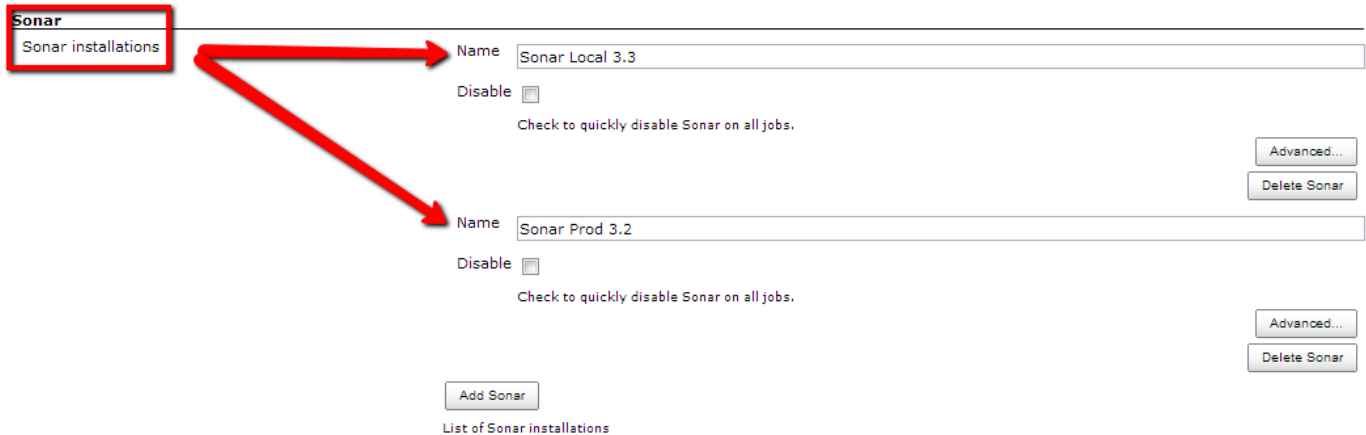
You can define as many SonarQube servers as you wish. Then for each Hudson job, you will be able to choose which server to use for the SonarQube analysis.

To add a SonarQube server, just follow the three steps below:

1. Log into Hudson as an administrator and go to Manage Hudson > Configure System:



2. Scroll down to the Sonar configuration section and click on Add Sonar:



3. Configure your SonarQube installation:

Sonar		
Sonar installations	Name	<input type="text" value="Sonar Local 3.3"/>
	Disable	<input type="checkbox"/> Check to quickly disable Sonar on all jobs.
	Server URL	<input type="text"/> Default is http://localhost:9000
	Server Public URL	<input type="text"/> If not specified, then Server URL will be used
	Database URL	<input type="text" value="jdbc:postgresql://localhost/sonar33"/> ⓘ
	Database login	<input type="text" value="postgres"/> Do not set if default embedded database.
	Database password	<input type="password" value="....."/> Default is sonar.
	Database driver	<input type="text" value="org.postgresql.Driver"/> ⓘ Default is sonar.
	Version of sonar-maven-plugin	<input type="text"/> Do not set if you use the default embedded database on localhost.
	Additional properties	<input type="text"/> If not specified, then sonar:sonar will be used. Additional properties to be passed to the mvn executable (example : -Dsome.property=some.value)
Trigger Exclusions (only for jobs with Sonar as a post build action)		
	Skip if triggered by SCM Changes	<input type="checkbox"/>

Adding SonarQube Runner

This step is mandatory if you want to trigger any of your SonarQube analyses with the [SonarQube Runner](#). Skip this step if you want to trigger all your analyses with [Maven](#).

You can define as many SonarQube Runner launchers as you wish. Then for each Hudson job, you will be able to choose with which launcher to use for the SonarQube analysis.

To add a SonarQube Runner, just follow the three steps below:

1. Log into Hudson as an administrator and go to Manage Hudson > Configure System:



2. Scroll down to the *Sonar Runner* configuration section and click on *Add Sonar Runner*. It is based on the typical Hudson tool auto-installation. You can either choose to point to an already installed version of SonarQube Runner (uncheck 'Install automatically') or tell Hudson to grab the installer from a remote location (check 'Install automatically');

Sonar Runner

Sonar Runner installations

☰ Sonar Runner

Name Sonar 2.1 - Already installed

SONAR_RUNNER_HOME C:/tools/sonar-runner-2.1

Install automatically

Delete Sonar Runner

☰ Sonar Runner

Name Sonar 2.1 - Download package from Maven Central

Install automatically

☰ **Install from Maven Central**

Version Sonar Runner 2.1 ▾

Delete Installer

Add Installer ▾

Delete Sonar Runner

☰ Sonar Runner

Name Sonar 2.1 - Download package from a specific location

Install automatically

☰ **Extract *.zip/*.tar.gz**

Label

Download URL for binary archive file:/C:/tools/sonar-runner-dist-2.1.zip

Subdirectory of extracted archive sonar-runner-2.1

Delete Installer

Add Installer ▾

Delete Sonar Runner