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Jenkins jacocosensor jacoco report not found

Report a bug I have integrated SonarQube & Jacoco plugin in our project, Issue is When I try to run it on localhost:9000 it is working fine and giving the code coverage and picking the sonar.coverage.jacoco.xmlReportPaths from the specified location, but when we deploy it on Jenkins then code coverage not working we are getting a message in the Jenkins console like below: No coverage report can be found with sonar.coverage.jacoco.xmlReportPaths= 'app/build/reports/jacocoTestReport/jacocoTestReport.xml'. You signed in with another tab or window. We've just migrated Jenkins job for java maven project from Jenkins 1.617 (Jenkins SonarQube Plugin 2.2.1) to Jenkins 1.651 (Jenkins SonarQube Plugin 2.4.4). You can't perform that action at this time. I am trying to incorporate the cobertura report to SonarQube 6.1. I have followed this documentation: Coverage+by+Unit+Tests+for+Java+Project of+JaCoCo+with+Java+Plugin To sum up, I have configured my Jenkins pipeline to run the following Maven statement: sh "\$ (mvnHome)/bin/mvn clean verify org.jacoco:jacoco-maven-plugin:prepare-agent org.sonarsource.scanner.maven:sonar-maven-plugin:3.2:sonar -Dmaven.test.failure.ignore=true -Dsonar.jacoco.reportPaths=\${env.WORKSPACE}/target/jacoco.exec" The build log shows that the JaCoCo report has been generated: [INFO] argLine set to - javaagent:/var/jenkins_home/m2/repository/org/jacoco/org.jacoco.agent/0.7.9/org.jacoco.agent-0.7.9-runtime.jar=destfiles=/var/jenkins_home/workspace/MY_PROJECT/target/jacoco.exec But when it tries to access it, it can't find it: [INFO] Sensor JaCoCoSensor [java] [INFO] JaCoCo report not found: '/var/jenkins_home/workspace/MY_PROJECT/target/jacoco.exec' I have verified that the file is correctly being generated in /target/jacoco.exe running this statement on my laptop: mvn org.jacoco:jacoco-maven-plugin:prepare-agent -Dmaven.test.failure.ignore=true clean verify Why isn't it working? Olivier This topic was automatically closed 7 days after the last reply. Could you send the full Jenkins log. New replies are no longer allowed. You may redact what you don't want to disclose but I need to see more. I am not even an expert in that domain. Hello @Girish Bhat, Sorry but what you shared is not sufficient. 11:56:54.511 INFO - parsing /var/lib/jenkins/jobs/sonar-TestsAndCoverage/workspace/target/surefire-reports 11:56:54.511 ERROR - Reports path not found or is not a directory: /var/lib/jenkins/jobs/sonar-TestsAndCoverage/workspace/target/surefire-reports/jenkins job configuration:Analysis properties# required metadata sonar.projectKey=AAA:sonar-jenkins-junits sonar.projectName=sonar-jenkins-junits sonar.projectVersion=1.0 # path to source directories (required) sonar.sources= . Sonar server is the same.JUnits and Coverage disappeared from SonarQube project dashboard. Using default locations: target/site/jacoco/jacoco.xml,target/site/jacoco-it/jacoco.xml,build/reports/jacoco/test/jacocoTestReport.xml We should verify if and where is generated the Jacoco report (I should not be in app/build/reports/jacoco/test/jacocoTestReport.xml) and that's why coverage is not imported. You may also read this community guide if that can be of any help. below is the dir structure... And the task I am running: As I mentioned earlier same task works on localhost task jacocoTestReport(type: JacocoReport, dependsOn: [testProdReleaseUnitTest]) { reports { xml.enabled = true html.enabled = true } def fileFilter = ["**/R.class", "**/RS*.class", "**/BuildConfig.*", "**/Manifest.*", "android/**/*.*"] def debugTree = fileTree(dir: "\${buildDir}/intermediates/javac/prodRelease/classes", excludes: fileFilter) def mainSrc = "\${project.projectDir}/src/main/java" getSourceDirectories().setFrom(files(mainSrc)) getClassDirectories().setFrom(files(debugTree)) getExecutionData().setFrom(fileTree(dir: "buildDir", includes: ["jacoco/testProdReleaseUnitTest.exec"])) } When I ran locally for localhost:9000, dir Structure which generated just by running ./gradlew clean sonar.coverage.jacoco.xmlReportPaths= 'app/build/reports/jacoco/test/jacocoTestReport.xml'. Using default locations: target/site/jacoco/jacoco.xml,target/site/jacoco-it/jacoco.xml,build/reports/jacoco/test/jacocoTestReport.xml 17:28:29 11:58:29.675 INFO: No report imported, no coverage information will be imported by JaCoCo XML Report Importer 17:28:29 11:58:29.676 INFO: Sensor JaCoCo XML Report Importer [jacoco] (done) | time=7ms 17:28:29 11:58:29.677 INFO: ----- Run sensors on project 17:28:29 11:58:29.679 DEBUG: Sensors : Zero Coverage Sensor → Java CPD Block Indexer 17:28:29 11:58:29.679 INFO: Sensor Zero Coverage Sensor 17:28:29 11:58:29.769 INFO: Sensor Zero Coverage Sensor (done) | time=90ms 17:28:29 11:58:29.769 INFO: Sensor Java CPD Block Indexer Sorry as we have many ORG-related data in log...we can't share entire log file. Hi @OlivierK Today I downloaded the Jenkins artifacts just to make sure that reports folder present or not, and I found that it's not. You signed out in another tab or window. We can't troubleshoot with your very limited extract If the log is long, please send as attachment, not inline. Reload to refresh your session. You should seek help from Gradle experts to understand why the Jacoco XML report is not generated. The other information (Debt, issues, complexity ...) is present on dashboard and fine.We have found that JaCoCoSensor and SurefireSensor have looked only into target folder of the root project and have not visited other modules.Question is: How to force JaCoCoSensor and SurefireSensor to visit all project modules?===== Some tech details: Here are the all fragments of the Jenkins job log for new build where JaCoCoSensor and SurefireSensor were mentioned:11:56:45.749 INFO - JaCoCoSensor: JaCoCo report not found - /var/lib/jenkins/jobs/sonar-TestsAndCoverage/workspace/target/jacoco.exec 11:56:45.749 INFO - JaCoCoITSensor: JaCoCo IT report not found: /var/lib/jenkins/jobs/sonar-TestsAndCoverage/workspace/target/jacoco-it.exec 11:56:54.511 INFO - Sensor SurefireSensor... Olivier I hope this would help.... 17:28:29 11:58:29.669 INFO: Sensor JaCoCo XML Report Importer [jacoco] 17:28:29 11:58:29.675 WARN: No coverage report can be found with sonar.coverage.jacoco.xmlReportPaths= 'app/build/reports/jacoco/test/jacocoTestReport.xml'. sonar.language=java sonar.verbose=true sonar.dynamicAnalysis=reuseReports sonar.junit.reportsPath=target/surefire-reports sonar.java.coveragePlugin=jacoco sonar.jacoco.reportPath=target/jacoco.execSonarQube ScannerSR24 Maven goals and options:clean install -Pmock deploy javadoc:aggregateThank you. In that case it seems to be a pipeline problem and I cannot help on this. Sorry but my community support is limited to helping on SonarQube problem. Using default locations: target/site/jacoco/jacoco.xml,target/site/jacoco-it/jacoco.xml,build/reports/jacoco/test/jacocoTestReport.xml Hello @Girish Bhat , Welcome to the SonarSource community, we hope you'll enjoy it. Java code and maven pom files have not been changed.

Jenkins however is able to pick up the report and display the results. My project is a maven build, built by Jenkins. The jacoco report is generated by maven (configured in the pom). Sonar is executed by using the Jenkins plugin. This is what I see on SonarQube: This is the report i can see of the project in jenkins. The maven plugin config: