

# Analysis and test

Summary

Build and analyze succeeded 15 hours ago in 52s

Cache Maven packages

Build and analyze

```
1 ► Run mvn -B verify org.sonarsource.scanner.maven:sonar-maven-plugin:sonar -Dsonar.projectKey=SoftWareFinal_software
9 [INFO] Scanning for projects...
10 [INFO]
11 [INFO] -----< com.example:softWare >-----
12 [INFO] Building softWare 1.0-SNAPSHOT
13 [INFO]   from pom.xml
14 [INFO] -----[ jar ]-----
15 [INFO]
16 [INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ softWare ---
17 [INFO] Using 'UTF-8' encoding to copy filtered resources.
18 [INFO] Copying 31 resources
19 [INFO]
20 [INFO] --- maven-compiler-plugin:3.10.1:compile (default-compile) @ softWare ---
21 Warning: Can't extract module name from plexus-container-default-1.0-alpha-9.jar: plexus.container.default: Invalid module name: 'default' is not a Java
22 identifier
23 Warning: ****
24 Warning: * Required filename-based automodules detected: [AnimateFX-1.2.4.jar]. Please don't publish this project to a public artifact repository!
25 [INFO] Changes detected - recompiling the module!
26 [INFO] Compiling 17 source files to /home/runner/work/software1/software1/target/classes
27 [INFO]
28 [INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ softWare ---
29 [INFO] Using 'UTF-8' encoding to copy filtered resources.
30 [INFO] skip non existing resourceDirectory /home/runner/work/software1/software1/src/test/resources
31 [INFO]
32 [INFO] --- maven-compiler-plugin:3.10.1:testCompile (default-testCompile) @ softWare ---
33 Warning: Can't extract module name from plexus-container-default-1.0-alpha-9.jar: plexus.container.default: Invalid module name: 'default' is not a Java
identifier
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32 [INFO] --- maven-compiler-plugin:3.10.1:testCompile (default-testCompile) @ softWare ---
33 Warning: Can't extract module name from plexus-container-default-1.0-alpha-9.jar: plexus.container.default: Invalid module name: 'default' is not a Java
identifier
34 [INFO] Changes detected - recompiling the module!
35 [INFO] Compiling 11 source files to /home/runner/work/software1/software1/target/test-classes
36 [INFO]
37 [INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ softWare ---
38 [INFO]
39 [INFO] -----
40 [INFO] T E S T S
41 [INFO] -----
42 [INFO]
43 [INFO] Results:
44 [INFO]
45 [INFO] Tests run: 0, Failures: 0, Errors: 0, Skipped: 0
46 [INFO]
47 [INFO]
48 [INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ softWare ---
49 [INFO] Building jar: /home/runner/work/software1/software1/target/softWare-1.0-SNAPSHOT.jar
50 [INFO]
51 [INFO] -----< com.example:softWare >-----
52 [INFO] Building softWare 1.0-SNAPSHOT
53 [INFO]   from pom.xml
54 [INFO] -----[ jar ]-----
55 [INFO]
56 [INFO] --- sonar-maven-plugin:3.9.1.2184:sonar (default-cli) @ softWare ---
57 [INFO] User cache: /home/runner/.sonar/cache
58 [INFO] SonarQube version: 8.0.0.40943
59 [INFO] Default locale: "en", source code encoding: "UTF-8"
60 [INFO] Load global settings
```

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57 [INFO] User cache: /home/runner/.sonar/cache
58 [INFO] SonarQube version: 8.0.0.40943
59 [INFO] Default locale: "en", source code encoding: "UTF-8"
60 [INFO] Load global settings
61 [INFO] Load global settings (done) | time=547ms
62 [INFO] Server id: 1BD8009FA-AfHh8ct9-T_B3XqouNu
63 [INFO] User cache: /home/runner/.sonar/cache
64 [INFO] Load/download plugins
65 [INFO] Load plugins index
66 [INFO] Load plugin index (done) | time=515ms
67 [INFO] Load/download plugins (done) | time=627ms
68 [INFO] Loaded core extensions: developer-scanner
69 [INFO] Found an active CI vendor: 'Github Actions'
70 [INFO] Load project settings for component key: 'SoftWareFinal_software1'
71 [INFO] Load project settings for component key: 'SoftWareFinal_software1' (done) | time=506ms
72 [INFO] Process project properties
73 [INFO] Execute project builders
74 [INFO] Execute project builders (done) | time=1ms
75 [INFO] Project key: SoftWareFinal_software1
76 [INFO] Base dir: /home/runner/work/software1/software1
77 [INFO] Working dir: /home/runner/work/software1/software1/target/sonar
78 [INFO] Load project branches
79 [INFO] Load project branches (done) | time=497ms
80 [INFO] Check ALM binding of project 'SoftWareFinal_software1'
81 [INFO] Detected project binding: BOUND
82 [INFO] Check ALM binding of project 'SoftWareFinal_software1' (done) | time=481ms
83 [INFO] Load project pull requests
84 [INFO] Load project pull requests (done) | time=494ms
85 [INFO] Load branch configuration
86 [INFO] Load quality profiles
87 [INFO] Load quality profiles (done) | time=543ms
88 [INFO] Load active rules
89 [INFO] Load active rules (done) | time=5478ms
90 [INFO] Organization key: softwarefinal
91 [INFO] Branch name: master, type: long-lived
92 [INFO] Load project repositories
93 [INFO] Load project repositories (done) | time=506ms
94 [INFO] Indexing files...
95 [INFO] Project configuration:
96 [INFO] Excluded sources: **/build-wrapper-dump.json
97 [INFO] 29 files indexed
98 [INFO] 0 files ignored because of inclusion/exclusion patterns
99 [INFO] 0 files ignored because of scm ignore settings
100 [INFO] Quality profile for java: Sonar way
101 [INFO] Quality profile for xml: Sonar way
102 [INFO] ----- Run sensors on module software
103 [INFO] Load metrics repository
104 [INFO] Load metrics repository (done) | time=482ms
105 [INFO] Sensor cache enabled
106 [INFO] Load sensor cache
107 [INFO] Load sensor cache (125 KB) | time=1528ms
108 [INFO] Sensor JavaSensor [java]
109 [INFO] Configured Java source version (sonar.java.source): 11, preview features enabled (sonar.java.enablePreview): false

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84 [INFO] Load project pull requests (done) | time=494ms
85 [INFO] Load branch configuration
86 [INFO] Github event: push
87 [INFO] Auto-configuring branch master
88 [INFO] Load branch configuration (done) | time=4ms
89 [INFO] Load quality profiles
90 [INFO] Load quality profiles (done) | time=543ms
91 [INFO] Load active rules
92 [INFO] Load active rules (done) | time=5478ms
93 [INFO] Organization key: softwarefinal
94 [INFO] Branch name: master, type: long-lived
95 [INFO] Load project repositories
96 [INFO] Load project repositories (done) | time=506ms
97 [INFO] Indexing files...
98 [INFO] Project configuration:
99 [INFO] Excluded sources: **/build-wrapper-dump.json
100 [INFO] 29 files indexed
101 [INFO] 0 files ignored because of inclusion/exclusion patterns
102 [INFO] 0 files ignored because of scm ignore settings
103 [INFO] Quality profile for java: Sonar way
104 [INFO] Quality profile for xml: Sonar way
105 [INFO] ----- Run sensors on module software
106 [INFO] Load metrics repository
107 [INFO] Load metrics repository (done) | time=482ms
108 [INFO] Sensor cache enabled
109 [INFO] Load sensor cache
110 [INFO] Load sensor cache (125 KB) | time=1528ms
111 [INFO] Sensor JavaSensor [java]
112 [INFO] Configured Java source version (sonar.java.source): 11, preview features enabled (sonar.java.enablePreview): false

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```
112 [INFO] Configured Java source version (sonar.java.source): 11, preview features enabled (sonar.java.enablePreview): false
113 [INFO] JavaClasspath initialization
114 [INFO] JavaClasspath initialization (done) | time=7ms
115 [INFO] JavaTestClasspath initialization
116 [INFO] JavaTestClasspath initialization (done) | time=2ms
117 [INFO] Server-side caching is enabled. The Java analyzer will not try to leverage data from a previous analysis.
118 [INFO] Using ECJ batch to parse 17 Main java source files with batch size 91 KB.
119 [INFO] Starting batch processing.
120 [INFO] The Java analyzer cannot skip unchanged files in this context. A full analysis is performed for all files.
121 Error: Unable to parse source file : 'src/main/java/com/example/software/menu2Controller.java'
122 Error: [ERROR] Parse error at line 9 column 0: Syntax error on token ";", delete this token
123 [INFO] 100% analyzed
124 [INFO] Batch processing: Done.
125 [INFO] Did not optimize analysis for any files, performed a full analysis for all 17 files.
126 [INFO] Using ECJ batch to parse 11 Test java source files with batch size 91 KB.
127 [INFO] Starting batch processing.
128 [INFO] 100% analyzed
129 [INFO] Batch processing: Done.
130 [INFO] Did not optimize analysis for any files, performed a full analysis for all 11 files.
131 [INFO] No "Generated" source files to scan.
132 [INFO] Sensor JavaSensor [java] (done) | time=6510ms
133 [INFO] Sensor C# Project Type Information [csharp]
134 [INFO] Sensor C# Project Type Information [csharp] (done) | time=1ms
135 [INFO] Sensor C# Analysis Log [csharp]
136 [INFO] Sensor C# Analysis Log [csharp] (done) | time=15ms
137 [INFO] Sensor C# Properties [csharp]
138 [INFO] Sensor C# Properties [csharp] (done) | time=1ms
139 [INFO] Sensor SurefireSensor [java]
140 [INFO] parsing [/home/runner/work/software1/software1/target/surefire-reports]
141 [INFO] Sensor SurefireSensor [java] (done) | time=2ms
```

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```
140 [INFO] parsing [/home/runner/work/software1/software1/target/surefire-reports]
141 [INFO] Sensor SurefireSensor [java] (done) | time=2ms
142 [INFO] Sensor HTML [web]
143 [INFO] Sensor HTML [web] (done) | time=2ms
144 [INFO] Sensor XML Sensor [xml]
145 [INFO] 1 source file to be analyzed
146 [INFO] 1/1 source file has been analyzed
147 [INFO] Sensor XML Sensor [xml] (done) | time=161ms
148 [INFO] Sensor TextAndSecretsSensor [text]
149 [INFO] 29 source files to be analyzed
150 [INFO] 29/29 source files have been analyzed
151 [INFO] Sensor TextAndSecretsSensor [text] (done) | time=50ms
152 [INFO] Sensor VB.NET Project Type Information [vbnet]
153 [INFO] Sensor VB.NET Project Type Information [vbnet] (done) | time=1ms
154 [INFO] Sensor VB.NET Analysis Log [vbnet]
155 [INFO] Sensor VB.NET Analysis Log [vbnet] (done) | time=13ms
156 [INFO] Sensor VB.NET Properties [vbnet]
157 [INFO] Sensor VB.NET Properties [vbnet] (done) | time=0ms
158 [INFO] Sensor JaCoCo XML Report Importer [jacoco]
159 [INFO] 'sonar.coverage.jacoco.xmlReportPaths' is not defined. Using default locations: target/site/jacoco/jacoco.xml,target/site/jacoco-it/jacoco.xml,build/reports/jacoco/test/jacocoTestReport.xml
160 [INFO] No report imported, no coverage information will be imported by JaCoCo XML Report Importer
161 [INFO] Sensor JaCoCo XML Report Importer [jacoco] (done) | time=2ms
162 [INFO] Sensor CSS Rules [javascript]
163 [INFO] No CSS, PHP, HTML or VueJS files are found in the project. CSS analysis is skipped.
164 [INFO] Sensor CSS Rules [javascript] (done) | time=1ms
165 [INFO] Sensor Thymeleaf template sensor [securityjavafrontend]
166 [INFO] Sensor Thymeleaf template sensor [securityjavafrontend] (done) | time=2ms
167 [INFO] Sensor IaC Docker Sensor [iac]
168 [INFO] No source files to be analyzed
```

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[INFO] Sensor IaC Docker Sensor [iac]
168 [INFO] 0 source files to be analyzed
169 [INFO] 0/0 source files have been analyzed
170 [INFO] Sensor IaC Docker Sensor [iac] (done) | time=74ms
171 [INFO] Sensor Serverless configuration file sensor [security]
172 [INFO] 0 Serverless function entries were found in the project
173 [INFO] 0 Serverless function handlers were kept as entrypoints
174 [INFO] Sensor Serverless configuration file sensor [security] (done) | time=5ms
175 [INFO] Sensor AWS SAM template file sensor [security]
176 [INFO] Sensor AWS SAM template file sensor [security] (done) | time=0ms
177 [INFO] Sensor AWS SAM Inline template file sensor [security]
178 [INFO] Sensor AWS SAM Inline template file sensor [security] (done) | time=1ms
179 [INFO] Sensor javabugs [dbd]
180 [INFO] Reading IR files from: /home/runner/work/software1/software1/target/sonar/ir/java
181 [INFO] Analyzing 56 functions to detect bugs.
182 [INFO] Sensor javabugs [dbd] (done) | time=27ms
183 [INFO] Sensor pythonbugs [dbd]
184 [INFO] Reading IR files from: /home/runner/work/software1/software1/target/sonar/ir/python
185 [INFO] No IR files have been included for analysis.
186 [INFO] Sensor pythonbugs [dbd] (done) | time=0ms
187 [INFO] Sensor JavaSecuritySensor [security]
188 [INFO] Reading type hierarchy from: /home/runner/work/software1/software1/target/sonar/ucfg2/java
189 [INFO] Read 128 type definitions
190 [INFO] Reading UCFGs from: /home/runner/work/software1/software1/target/sonar/ucfg2/java
191 [INFO] 13:24:18.433349 Building Runtime Type propagation graph
192 [INFO] 13:24:18.449429 Running Tarjan on 597 nodes
193 [INFO] 13:24:18.451612 Tarjan found 597 components
194 [INFO] 13:24:18.457199 Variable type analysis: done
195 [INFO] 13:24:18.460455 Building Runtime Type propagation graph
```

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```
[INFO] 13:24:18.460455 Building Runtime Type propagation graph
196 [INFO] 13:24:18.469531 Running Tarjan on 597 nodes
197 [INFO] 13:24:18.470624 Tarjan found 597 components
198 [INFO] 13:24:18.471606 Variable type analysis: done
199 [INFO] Analyzing 65 ucfgs to detect vulnerabilities.
200 [INFO] All rules entrypoints : 0
201 [INFO] Retained UCFGs : 0
202 [INFO] Taint analysis starting. Entrypoints: 0
203 [INFO] Taint analysis: done.
204 [INFO] Sensor JavaSecuritySensor [security] (done) | time=2842ms
205 [INFO] Sensor CSharpSecuritySensor [security]
206 [INFO] Reading type hierarchy from: /home/runner/work/software1/software1/target/ucfg1_cs2
207 [INFO] Read 0 type definitions
208 [INFO] No UCFGs have been included for analysis.
209 [INFO] Sensor CSharpSecuritySensor [security] (done) | time=0ms
210 [INFO] Sensor PhpSecuritySensor [security]
211 [INFO] Reading type hierarchy from: /home/runner/work/software1/software1/target/sonar/ucfg2/php
212 [INFO] Read 0 type definitions
213 [INFO] No UCFGs have been included for analysis.
214 [INFO] Sensor PhpSecuritySensor [security] (done) | time=0ms
215 [INFO] Sensor PythonSecuritySensor [security]
216 [INFO] Reading type hierarchy from: /home/runner/work/software1/software1/target/sonar/ucfg2/python
217 [INFO] Read 0 type definitions
218 [INFO] No UCFGs have been included for analysis.
219 [INFO] Sensor PythonSecuritySensor [security] (done) | time=0ms
220 [INFO] Sensor JsSecuritySensor [security]
221 [INFO] Reading type hierarchy from: /home/runner/work/software1/software1/target/sonar/ucfg2/js
222 [INFO] Read 0 type definitions
223 [INFO] No UCFGs have been included for analysis.
```

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```
[INFO] No UCFGs have been included for analysis.
[INFO] Sensor JsSecuritySensor [security] (done) | time=0ms
[INFO] ----- Run sensors on project
[INFO] Sensor Analysis Warnings import [csharp]
[INFO] Sensor Analysis Warnings import [csharp] (done) | time=1ms
[INFO] Sensor Zero Coverage Sensor
[INFO] Sensor Zero Coverage Sensor (done) | time=8ms
[INFO] Sensor Java CPD Block Indexer
[INFO] Sensor Java CPD Block Indexer (done) | time=42ms
[INFO] SCM Publisher SCM provider for this project is: git
[INFO] SCM Publisher 1 source file to be analyzed
[INFO] Blaming files using native implementation
[INFO] Blaming files using native implementation (done) | time=30ms
[INFO] SCM Publisher 1/1 source file have been analyzed (done) | time=177ms
[INFO] CPD Executor Calculating CPD for 17 files
[INFO] CPD Executor CPD calculation finished (done) | time=23ms
[INFO] Analysis report generated in 2165ms, dir size=409 KB
[INFO] Analysis report compressed in 106ms, zip size=131 KB
[INFO] Analysis report uploaded in 878ms
[INFO] ANALYSIS SUCCESSFUL, you can find the results at: https://sonarcloud.io/dashboard?id=SoftwareFinal\_software1&branch=master
[INFO] Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
[INFO] More about the report processing at https://sonarcloud.io/api/ce/task?id=AygVSKyK95b6qxm1Qg-5
[INFO] Sensor cache published successfully
[INFO] Analysis total time: 28.611 s
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 36.491 s
[INFO] Finished at: 2023-05-13T13:24:25Z
[INFO] Finished at: 2023-05-13T13:24:25Z
```

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```
[INFO] CPD Executor Calculating CPD for 17 files
[INFO] CPD Executor CPD calculation finished (done) | time=23ms
[INFO] Analysis report generated in 2165ms, dir size=409 KB
[INFO] Analysis report compressed in 106ms, zip size=131 KB
[INFO] Analysis report uploaded in 878ms
[INFO] ANALYSIS SUCCESSFUL, you can find the results at: https://sonarcloud.io/dashboard?id=SoftwareFinal\_software1&branch=master
[INFO] Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
[INFO] More about the report processing at https://sonarcloud.io/api/ce/task?id=AygVSKyK95b6qxm1Qg-5
[INFO] Sensor cache published successfully
[INFO] Analysis total time: 28.611 s
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 36.491 s
[INFO] Finished at: 2023-05-13T13:24:25Z
[INFO] Finished at: 2023-05-13T13:24:25Z
```

> Post Cache Maven packages

> Post Cache SonarCloud packages

> Post Set up JDK 11

> Post Run actions/checkout@v3

> Complete job

This work doing by:

Shahd khader 50%

Noor Ata 50%

