

SonarQube Projects Issues Rules Quality Profiles Quality Gates Administration

Last analysis of this Branch had 1 warning February 8, 2026 at 9:56 PM Version 1.0-SNAPSHOT

Issues Overview Issues Security Hotspots Measures Code Activity Project Settings Project Information

My Issues All

Filters Clear All Filters

Issues in new code

Type CODE SMELL

- Bug 0
- Vulnerability 0
- Code Smell 9**

Press ⌘ to add to selection

Severity

Blocker	0	Minor	3
Critical	0	Info	0
Major	6		

Scope Resolution Status

Security Category

- SonarSource
- OWASP Top 20 2021
- OWASP Top 20 2017
- SANS Top 25
- CWE

Creation Date

- Language
- Rule
- Tag
- Directory
- File
- Assignee
- Author

9 of 9 shown

src/main/java/com/addressbook/AddressBookDAO.java

- The return type of this method should be an interface such as "List" rather than the implementation "ArrayList". 9 minutes ago L14 % bad-practice
- The return type of this method should be an interface such as "Map" rather than the implementation "HashMap". 9 minutes ago L48 % bad-practice
- Replace this use of System.out or System.err by a logger. 9 minutes ago L53 % bad-practice, cert, owasp-43
- Replace this use of System.out or System.err by a logger. 9 minutes ago L67 % bad-practice, cert, owasp-43
- The return type of this method should be an interface such as "List" rather than the implementation "ArrayList". 9 minutes ago L77 % bad-practice

src/main/java/com/addressbook/AddressBookService.java

- Remove this unused "addr" private field. 9 minutes ago L10 % unused
- Remove this unused "zip" private field. 9 minutes ago L13 % unused
- Remove this unused "mail" private field. 9 minutes ago L15 % unused
- Constructor has 8 parameters, which is greater than 7 authorized. 9 minutes ago L17 % brain-overload

src/main/java/com/addressbook/Contact.java

Embedded database should be used for evaluation purposes only
The embedded database will not scale. It will not support upgrading to newer versions of SonarQube, and there is no support for migrating your data out of it into a different database engine.

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Overview Issues Security Hotspots **Measures** Code Activity Project Settings Project Information

Project Overview

Reliability Security Security Review Maintainability Coverage

OVERVIEW

Overall

Coverage	31.0%
Lines to Cover	92
Uncovered Lines	58
Line Coverage	37.0%
Conditions to Cover	34
Uncovered Conditions	29
Condition Coverage	14.7%

Tests

Unit Tests	2
Errors	0
Failures	0
Skipped	0
Success	100%
Duration	17ms

Duplications Size Complexity Issues

Coverage Overview

Size: Uncovered Lines

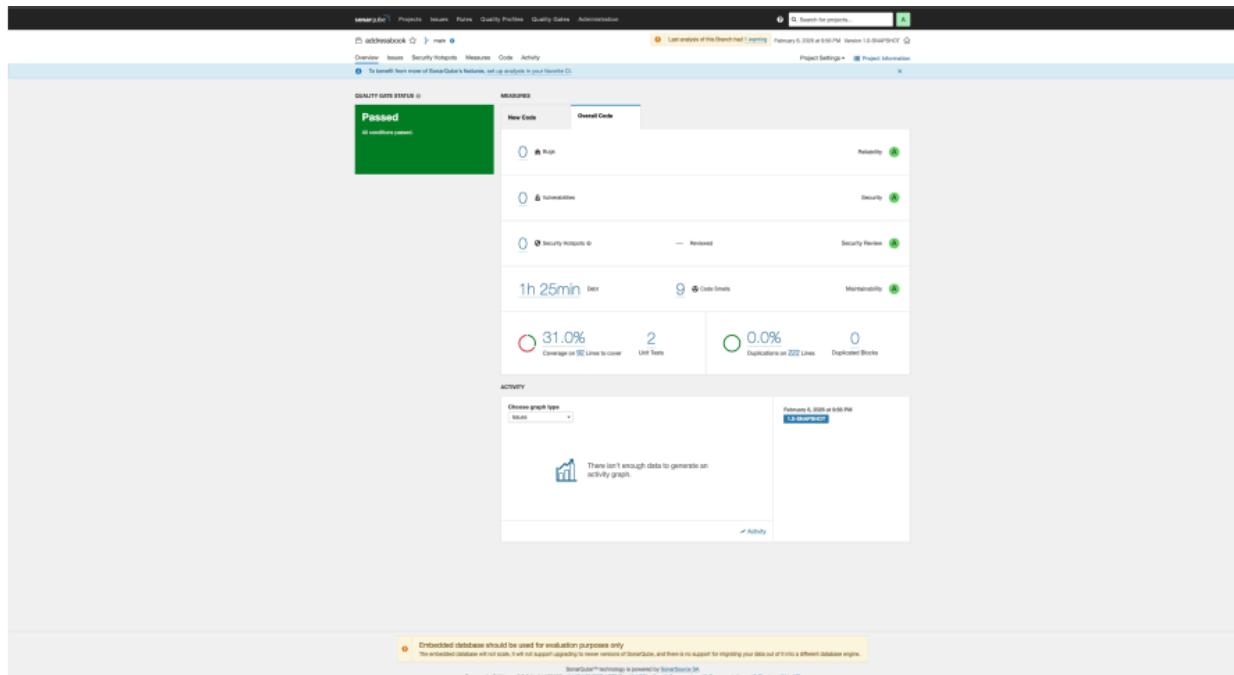
See the data presented on this chart as a list

100%

Cyclomatic Complexity

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SonarQube™ Technology is powered by SonarSource SA.
Community Edition - v8.8 (build 102196) - NO LONGER ACTIVE - GPL v3 - Community - Documentation - Plugins - Web API



addressbook > com.addressbook

[Source Files](#) [Sessions](#)

com.addressbook

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
AddressBookService	██████████	14%	██████████	0%	21	25	30	35	13	17	0	1
Contact	██████	41%	██████	0%	10	13	14	27	7	10	0	1
AddressBookDAO	██████	65%	██████	41%	10	14	10	26	4	8	0	1
AddressBookMain	████	0%	n/a		2	2	4	4	2	2	1	1
Total	255 of 390	34%	29 of 34	14%	43	54	58	92	26	37	1	4

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