

sonarqube

ProjectsIssuesRulesQuality ProfilesQuality GatesAdministration

Search for projects...

A

addressbookmain

Last analysis of this Branch had 1 warningFebruary 8, 2026 at 9:56 PMVersion 1.0-SNAPSHOT

OverviewIssuesSecurity HotspotsMeasuresCodeActivity

Project SettingsProject Information

My IssuesAB

Filters

Issues in new code

TypeCODE SMELL

Bug0

Vulnerability0

Code Smell9

Press X to add to selection

Severity

Blocker0

Critical0

Major6

Minor3

Info0

Scope

Resolution

Status

Security Category

SonarSource

OWASP Top 10 2021

OWASP Top 10 2017

SANS Top 25

CWE

Creation Date

Language

Rule

Tag

Directory

File

Assignee

Author

Bulk Change

1 / 9 issues1h 25min effort

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".

Code SmellMinorOpenNot assigned10min effortComment

9 minutes agoL14bad-practice

The return type of this method should be an interface such as "Map" rather than the implementation "HashMap".

Code SmellMinorOpenNot assigned10min effortComment

9 minutes agoL48bad-practice

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

Replace this use of System.out or System.err by a logger.

Code SmellMajorOpenNot assigned10min effortComment

9 minutes agoL53bad-practice, cert, owasp-a3

Replace this use of System.out or System.err by a logger.

Code SmellMajorOpenNot assigned10min effortComment

9 minutes agoL57bad-practice, cert, owasp-a3

The return type of this method should be an interface such as "List" rather than the implementation "ArrayList".

Code SmellMinorOpenNot assigned10min effortComment

9 minutes agoL70bad-practice

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

Remove this unused "addr" private field.

Code SmellMajorOpenNot assigned5min effortComment

9 minutes agoL10unused

Remove this unused "zip" private field.

Code SmellMajorOpenNot assigned5min effortComment

9 minutes agoL13unused

Remove this unused "mail" private field.

Code SmellMajorOpenNot assigned5min effortComment

9 minutes agoL15unused

Constructor has 8 parameters, which is greater than 7 authorized.

Code SmellMajorOpenNot assigned20min effortComment

9 minutes agoL17brain-overload

9 of 9 shown

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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Project SettingsProject Information

Project Overview

Reliability

Security

Security Review

Maintainability

CoverageOVERVIEW

Overview

Overall

Coverage31.0%

Lines to Cover92

Uncovered Lines58

Line Coverage37.0%

Conditions to Cover34

Uncovered Conditions29

Condition Coverage14.7%

Tests

Unit Tests2

Errors0

Failures0

Skipped0

Success100%

Duration17ms

Duplications

Size

Complexity

Issues

addressbook

Coverage Overview

Size: Uncovered Lines

See the data presented on this chart as a list

Coverage

Cyclomatic Complexity

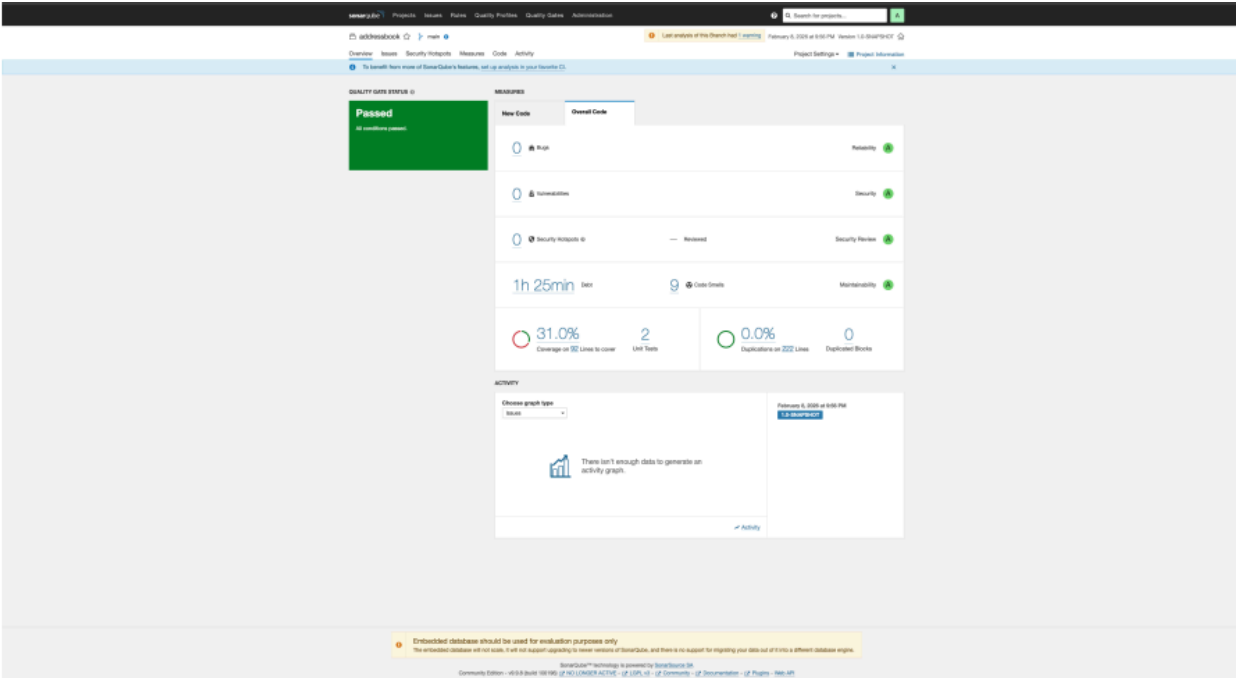
100%

Embedded database should be used for evaluation purposes only

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SonarQube™ technology is powered by SonarSource SA

Community Edition - v9.9.8 (build 100198) - CF NO LONGER ACTIVE - CF LGPLv3 - CF Community - CF Documentation - CF 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	<div><div></div></div>	14%	<div><div></div></div>	0%	21 25	30 35	13 17	0 1
Contact	<div><div></div></div>	41%	<div><div></div></div>	0%	10 13	14 27	7 10	0 1
AddressBookDAO	<div><div></div></div>	65%	<div><div></div></div>	41%	10 14	10 26	4 8	0 1
AddressBookMain	<div><div></div></div>	0%	<div><div></div></div>	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