Azure DevOps extension for SonarQube

master

Version : 5.15.0

Quality Gate Passed

New Code Overview

Reliability	Security	Security Review	Maintainability	Coverage	Duplication
A	A	A	A		
Bugs	Vulnerabilities	Security Hotspots	Code Smells	Coverage	Duplications
0	0	0	3	100.0%	0.0%
		Reviewed	Added Debt	Coverage on 18 lines to cover	Duplications on 85 lines
		-	3 minutes		

Quality Gate **Passed**

New Code

All conditions passed.

Overall Code

All conditions passed.

Definitions

Bugs

An issue that represents something wrong in the code.

Code smells

A maintainability-related issue in the code. They make it harder to introduce changes to the code and may confuse maintainers, increasing the likelihood of bugs in the future.

Coverage & Duplication

The Coverage is the percentage of lines of code that are covered by tests.

The Duplication is the percentage of lines that are duplicated in your code.

Maintainability

The Maintainability grade is based on the ratio of the size of the project to the estimated time to fix all outstanding Code Smells. The default thresholds are:

A	= ≤ 5%
B	= 6 to 10%
C	= 11 to 20%
D	= 21 to 50%
E	≥ 50%

Reliability

The Reliability grade is based on the severity of the worst open bug in your project or application. The thresholds are:

A	0 Bugs
B	at least 1 Minor Bug
C	at least 1 Major Bug
D	at least 1 Critical Bug
E	at least 1 Blocker Bug

Security

The Security grade is based on the worst open vulnerability in the project or application. The thresholds are:

A	0 Vulnerabilities
B	at least 1 Minor Vulnerability
C	at least 1 Major Vulnerability
D	at least 1 Critical Vulnerability
E	at least 1 Blocker Vulnerability

Security Review

The Security Review grade is based on the percentage of reviewed (fixed or safe) Security Hotspots. The thresholds are:

A	80%
B	70%
C	50%
D	30%
E	below 30%

Security Hotspots

Security-sensitive pieces of code that need to be manually reviewed. Upon review, you'll either find that there is no threat or that there is vulnerable code that needs to be fixed.

Vulnerabilities

A security-related issue which represents a backdoor for attackers.