Code Analysis Report

File: buggy.java
Language: Java
Analysis Date: 2025-10-03T12:08:01.082014Z

Quality Metrics

Metric	Score	Status
Overall Quality	83/100	High
Code Coverage	70%	Pass
Complexity	0/100	Low
Quality Level	Unknown	

Bug Analysis

Detection Efficiency	60%
Total Bugs Found	0
Severity	Medium

Time Complexity Analysis

Dominant Complexity: O(1)
Confidence: 70%

Code Review

voidSystem.out.println(x); // O(1)

Generated Tests

// Placeholder JUnit test public class buggyTest { @Test public void testMain() { // Add assertions for main method assertTrue(true); // Basic pass } }

Generated Documentation

API Documentation

Class BuggyOne

- **Language**: Java

main

- **Parameters**: String[] args
- **Returns**: Unknown

Usage

```
# Compile and run java BuggyOne
```