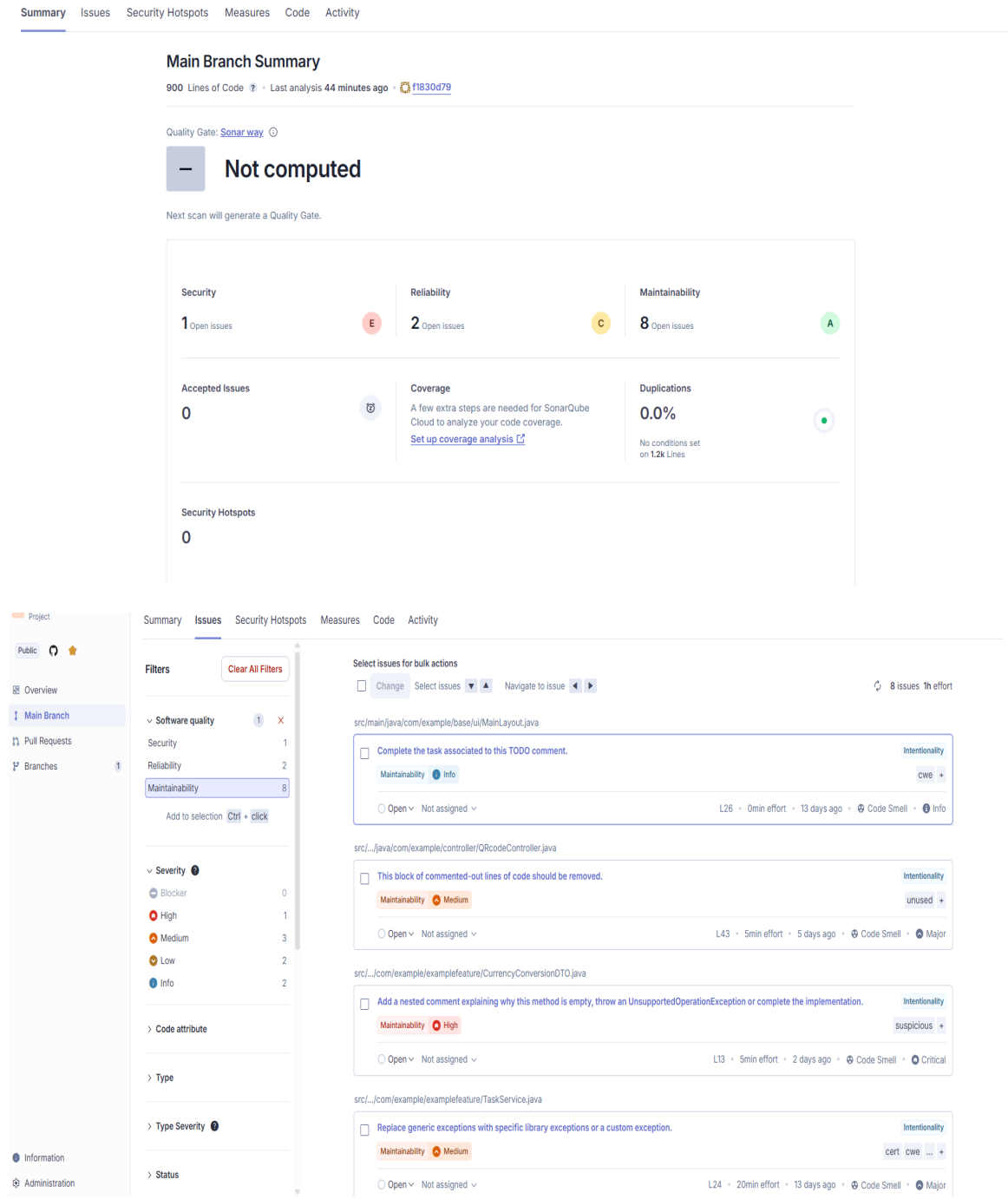


SonarQube Cloud Project Report – ToDoApp

This document presents the overview of the **ToDoApp** project analyzed in **SonarQube Cloud**. It summarizes the main aspects related to *Security*, *Reliability*, and *Maintainability*, as shown in the following dashboard screenshots. The results illustrate the current status of code quality, detected issues, and maintainability ratings.



The screenshot displays the SonarQube Cloud 'Issues' page. On the left, a sidebar shows the project overview with 'Main Branch' selected. The main area is divided into a 'Filters' panel and a list of issues.

Filters:

- Software quality:** 1 issue (Security: 1, Reliability: 2, Maintainability: 8).
- Severity:** 0 Blocker, 1 High, 3 Medium, 2 Low, 2 Info.
- Code attribute:**
- Type:**
- Type Severity:**
- Status:**

Issues List:

- Issue 1:** Complete the task associated to this TODO comment. (Intentionality, L24, 20min effort, 13 days ago, Code Smell, Major). Maintainability: Info.
- Issue 2:** Reduce the total number of break and continue statements in this loop to use at most one. (Adaptability, L16, 0min effort, 13 days ago, Code Smell, Info). Maintainability: Low.
- Issue 3:** A single-line comment should start with exactly two slashes, no more. (Consistency, L46, 20min effort, 2 days ago, Code Smell, Minor). Maintainability: Low.
- Issue 4:** Add a private constructor to hide the implicit public one. (Intentionality, L8, 5min effort, 5 days ago, Code Smell, Minor). Maintainability: Medium.

The analysis provided by SonarQube Cloud helps to maintain code quality and detect potential improvements early in the development process. Continuous monitoring of these metrics is recommended to ensure long-term software reliability and maintainability.