

Where to find the component: [core/homeassistant/components/open\\_street\\_map](#)

[https://github.com/EmmaStalberg/core/tree/dev-Main/homeassistant/components/open\\_street\\_map](https://github.com/EmmaStalberg/core/tree/dev-Main/homeassistant/components/open_street_map)

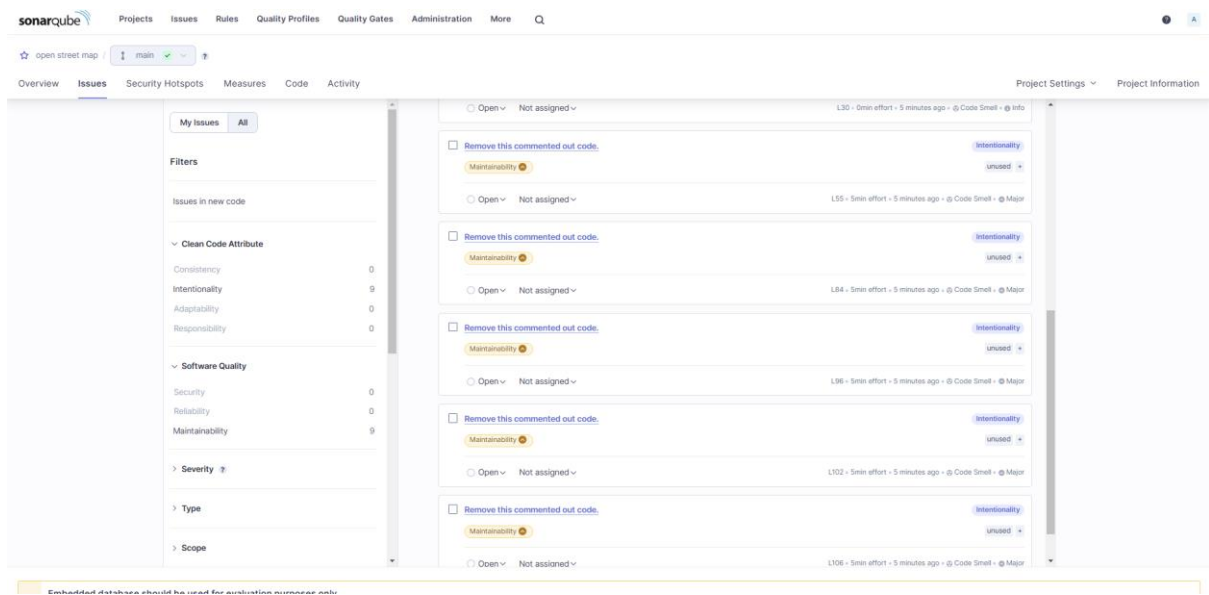
Initial scan result:

The screenshot shows the SonarQube dashboard for a project named 'open street map'. The main branch 'main' has a quality gate status of 'Passed'. The dashboard provides a summary of various code quality metrics:

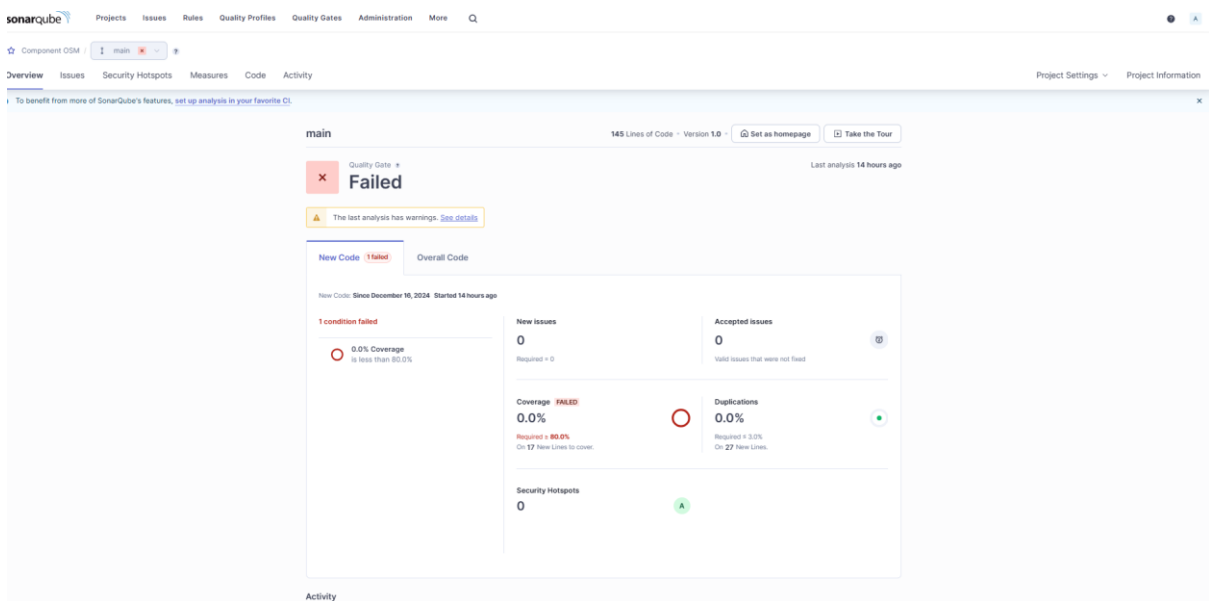
- Security:** 0 Open Issues
- Reliability:** 0 Open Issues
- Maintainability:** 9 Open Issues
- Accepted Issues:** 0
- Coverage:** 0.0%
- Duplications:** 0.0%

A detailed view of the 'Maintainability' issues is shown below, listing specific code quality problems with their locations and effort estimates:

Issue	Location	Effort	Severity
Complete the task associated to this "TODO" comment.	__init__.py	5min	Minor
Complete the task associated to this "TODO" comment.	__init__.py	5min	Minor
Remove this commented out code.	config_flow.py	5min	Major
Complete the task associated to this "TODO" comment.	config_flow.py	5min	Minor



## After refactoring:



The reason why SonarQube failed to analyze this time is that the code coverage report is not provided, resulting in a coverage of 0%. Our project already has a complete unit test, and this refactoring has solved all code smells and duplicate code. The code quality is guaranteed, and Coverage FAILED is only due to the default configuration of SonarQube and can be ignored for now.