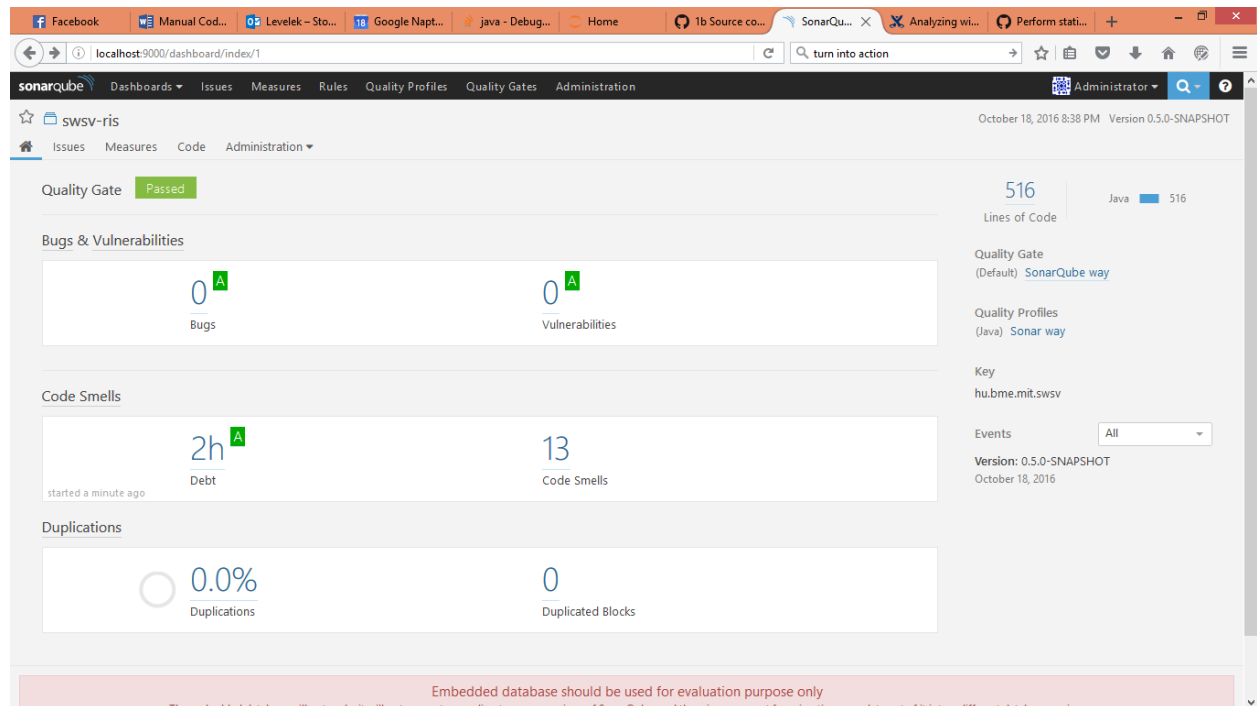


Static code analysis report



Type	Severity	Bug	Code Line(s)	Response	Fix or justification of being not relevant
Code smell	Minor	Document this method return value.	SideTriple:136	Accepted	Add "@return New triple with the provided field set" to JavaDoc.
Code smell	Major	Reduce the number of conditional operators (5) used in the expression (maximum allowed 3).	SafetyLogicImpl:105	Accepted	Create boolean variables separately for each turnout sides, and use those in the if clause. The code will be more readable.
Code smell	Major	The Cyclomatic Complexity of this method "makeLocalDecision" is 14 which is greater than 10 authorized.	SafetyLogicImpl:122	Accepted	The three main if structures could be separated in their own functions. The code would be then even more readable.

Code smell	Major	This branch's code block is the same as the block for the branch on line 128/136/143.	SafetyLogicImpl:130/138/145	Not relevant	True, but this makes the code more readable, better leave it as it is.
Code smell	Info	Complete the task associated to this TODO comment.	SafetyLogicImpl:159 SafetyLogicDistributedDecisionTest:4 SafetyLogicLocalDecisionTest:4	Accepted	Will be done.
Code smell	Major	Remove this empty class, write its code or make it an "interface".	SafetyLogicDistributedDecisionTest:3 SafetyLogicLocalDecisionTest:3	Not relevant	Already covered by the previous fix.
Code smell	Minor	Document this public class.	SafetyLogicDistributedDecisionTest:3 SafetyLogicLocalDecisionTest:3	Accepted	A JavaDoc could be written, though the class names and the goal (testing) are quite self-explanatory.