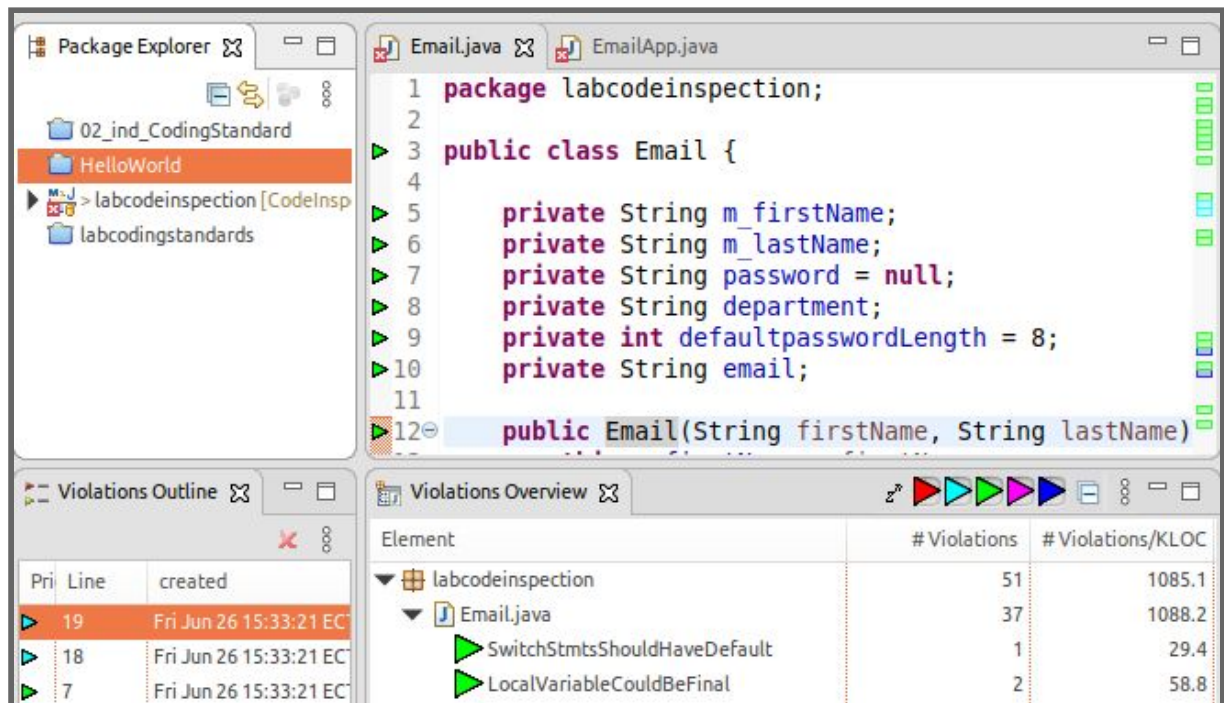
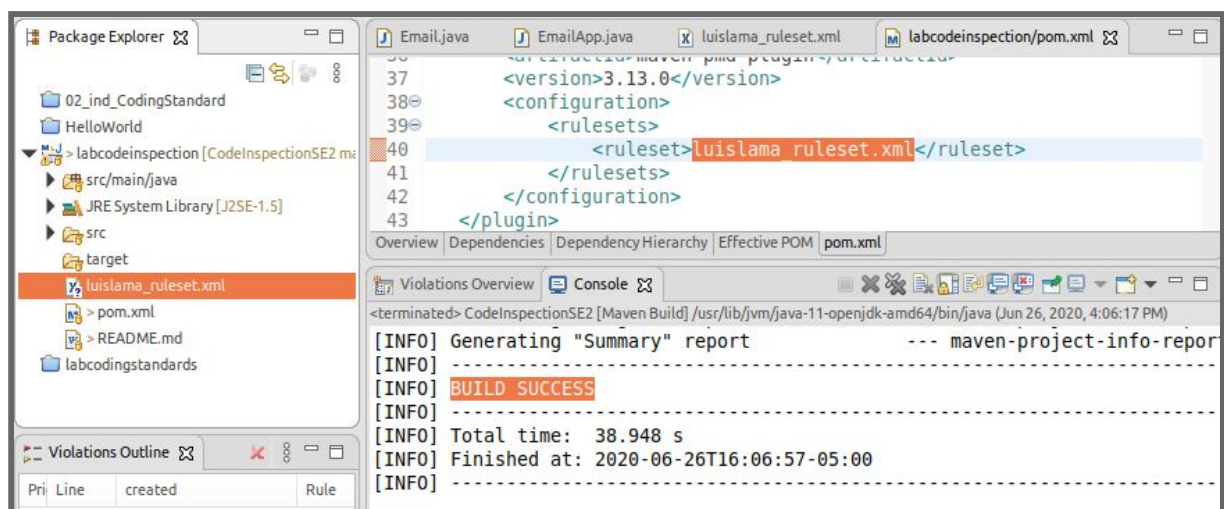


Repository: [luislama/CodeInspectionSE2](https://github.com/luislama/CodeInspectionSE2)

Open project and check it with PMD



Run as maven after [pom.xml](#) file update using [luislama_ruleset.xml](#)



Delete comments and annotations

```
import java.util.Scanner;  
  
public class EmailApp {
```

```
    private String m_firstName;  
    private String m_lastName;
```

Add rules, rulesets and check code

```
18     </rule>  
19     <rule ref="category/java/codestyle.xml" />  
20     <rule ref="category/java/errorprone.xml/BeanMembersShouldSerialize" >  
21         <priority>2</priority>  
22     </rule>  
23     <rule ref="category/java/errorprone.xml/UseLocaleWithCaseConversions" />  
24     <rule ref="category/java/documentation.xml/CommentRequired">  
25         <properties>  
26             <property name="classCommentRequirement" value="Ignored" />  
27             <property name="fieldCommentRequirement" value="Ignored" />  
28         </properties>  
29     </rule>  
30  
31 </ruleset>
```

The screenshot shows an IDE with the following tabs: Email.java, EmailApp.java, luislama_ruleset.xml (active), and labcodeinspection/pom.xml. The active tab displays the ruleset XML code from the previous block. Below the editor, the 'Design' and 'Source' tabs are visible. The 'Violations Overview' tab is active, showing a table of violations.

Element	# Violations	# Violations/KLOC	# Violations/Metho	Project
labcodeinspection	35	744.7	5.83	labcodeinspection
EmailApp.java	9	692.3	9.00	labcodeinspection
Email.java	26	764.7	5.20	labcodeinspection

Report before: [PMD Report](#)

PMD

file:///home/luislama/Desktop/Estudios/ESPOL...

PMD report

Problems found

#	File	Line	Problem
1	src/main /java/labcodeinspection /Email.java	5	BeanMembersShouldSerialize: Found non-transient, non-static member. Please mark as transient or provide accessors.
2	src/main /java/labcodeinspection /Email.java	5	BeanMembersShouldSerialize: Found non-transient, non-static member. Please mark as transient or provide accessors.
3	src/main /java/labcodeinspection /Email.java	5	FieldNamingConventions: The field name 'm_firstName' doesn't match '[a-z][a-zA-Z0-9]*'
4	src/main /java/labcodeinspection /Email.java	5	FieldNamingConventions: The field name 'm_firstName' doesn't match '[a-z][a-zA-Z0-9]*'
5	src/main /java/labcodeinspection /Email.java	5	ImmutableField: Private field 'm_firstName' could be made final; it is only initialized in the declaration or constructor.
6	src/main /java/labcodeinspection /Email.java	5	ImmutableField: Private field 'm_firstName' could be made final; it is only initialized in the declaration or constructor.

Report after: [PMD Report](#)

PMD	file:///home/luislama/Desktop/Estudios/ESPOL...
PMD report	
Problems found	
# File Line Problem	