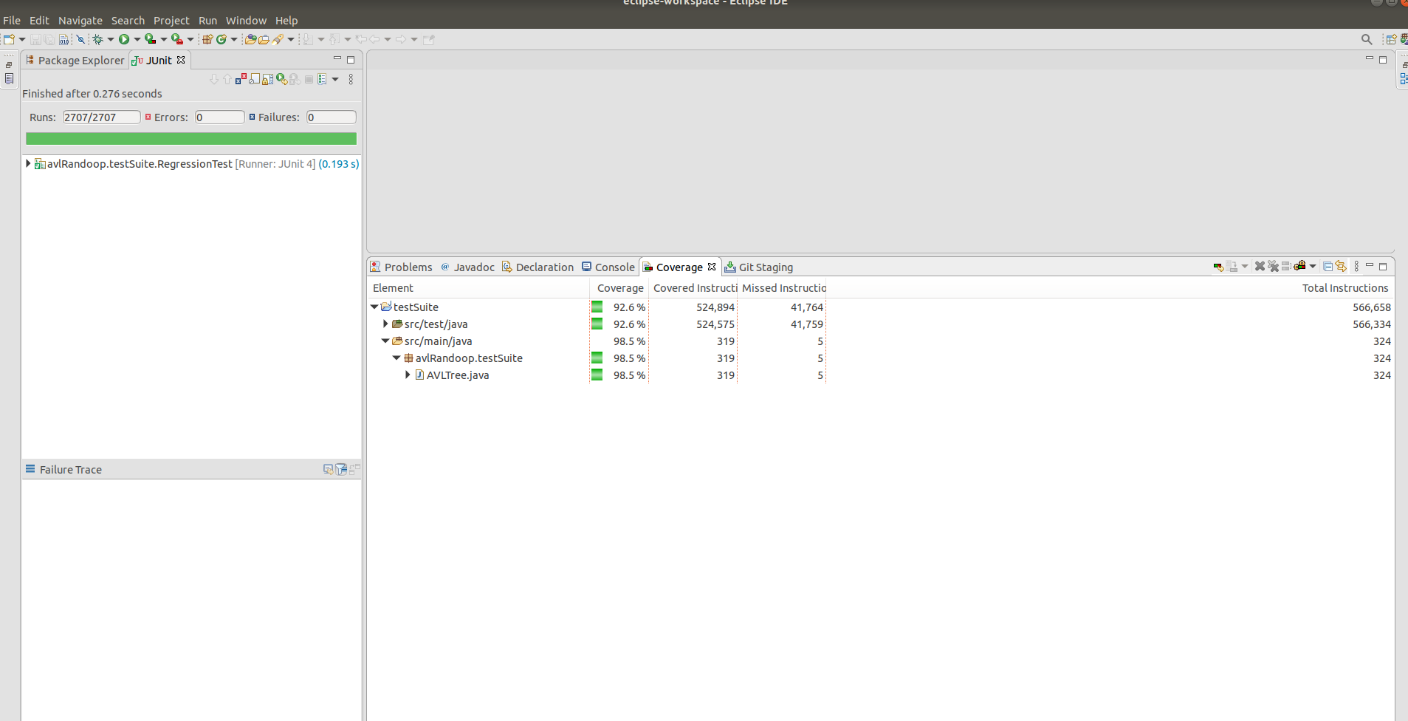
Randoop:

I have generated the test cases using randoop. I have created a .class file for the avltree.java and ran the randoop command without any command filters and it generated the test case file.

Then I have created a Maven project with avltree.java as main code and generated test java files in the test code. Modified the pom.xml to include junit runner as dependency.

The code coverage of test cases is 98.5%.



Included .travis.yml file and integrated my travis account and the build was successful after commit.

Text

Description automatically generated

Evosuite:

I have included the evosuite plugin in POM.XML file and generated the test cases with the following commands.

- mvn clean

- mvn evosuite:generate

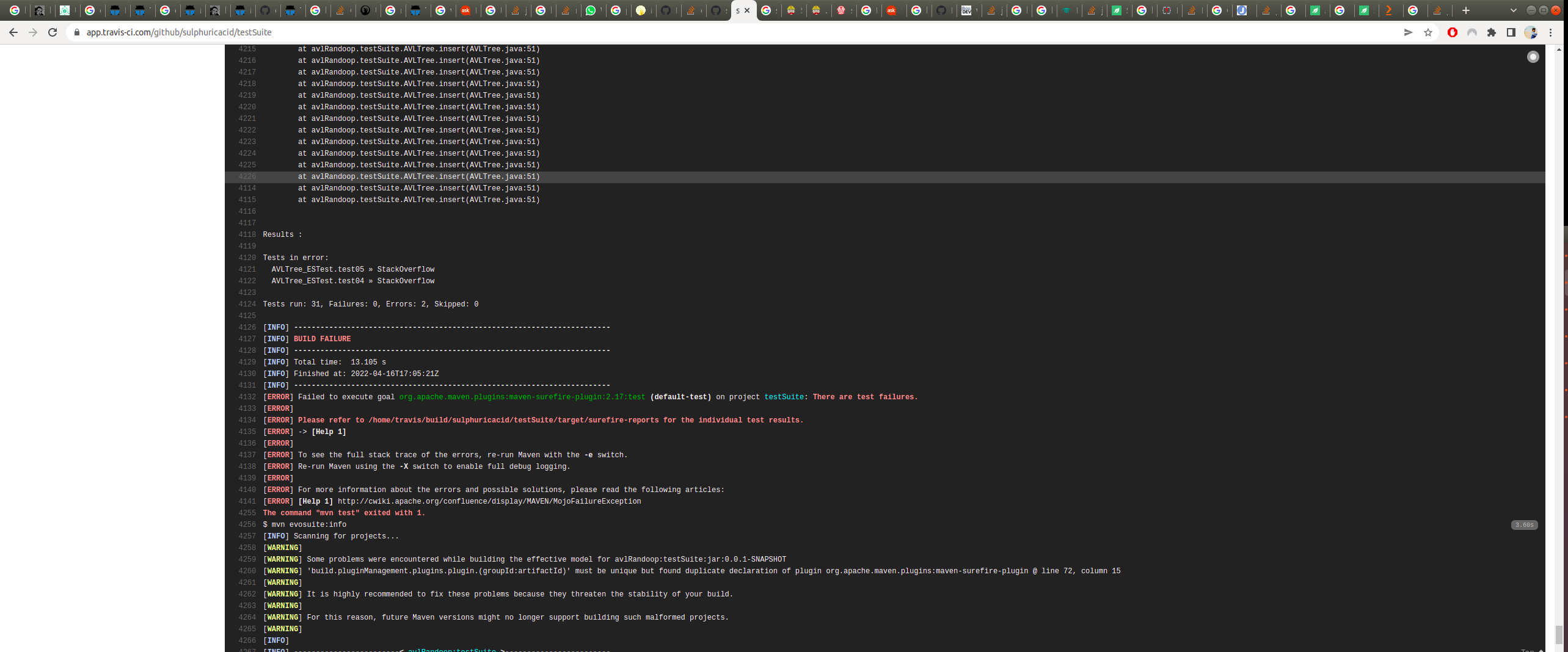
- mvn evosuite:export

- mvn test

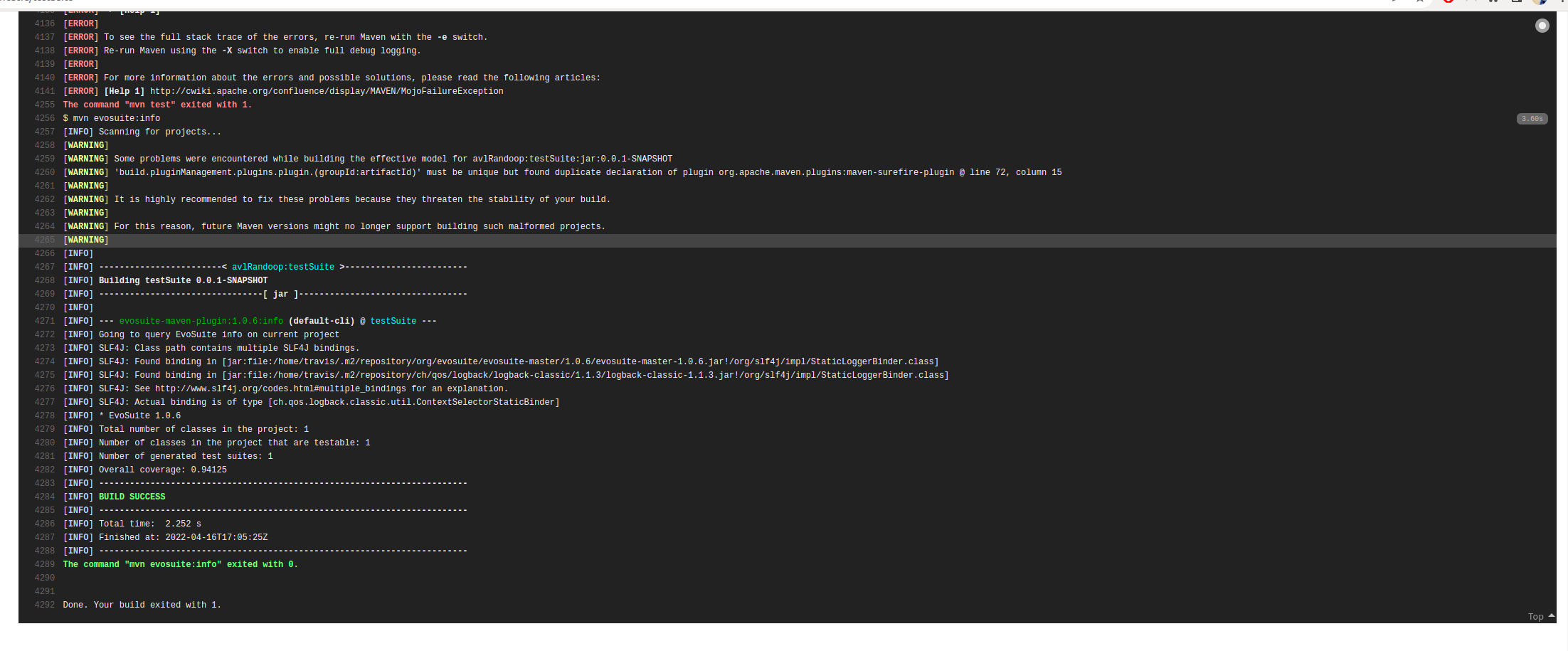
- mvn evosuite:info

However, I was getting the tools.jar not found the java execution path. So I added installation scripts before execution of the above commands in travis.yml

I basically installed java 8 JDK and added it to the PATH and ran the above commands.



In the above image you can see that two test cases failed because of the bug.



This test case coverage info is generated by the - mvn evosuite:info