

Template – Test Smells Refactoring Experiment

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project: commons-io

I'm currently working on refactoring the following test smell:

Assertion Roulette (62,62)

Eager Test (135, 136), (165, 166), (172, 173)

Duplicate Assertion (147, 152)

My main difficulties in removing these anomalies were:

Identify the tests and find a method to refactor, as well as understand what the test is doing.

I'm using the following refactoring methods to remove test smells:

Assertion Roulette (62,62): I used the add a message method to identify and explain the correct declaration.

Eager Test (135, 136), (165, 166), (172, 173): I used the extract method, to separate the correct calls.

Duplicate Assertion (147, 152): I used the extract method, to remove duplicate calls, separating the calls into several methods.

From (0 to 10), how harmful is this test smell to the system? It's because ?

8, at Assertion Roulette: because there are difficulties in understanding the correct statement

8, at Eager Test: because there are too many calls in the method

9, at Duplicate Assertion: because tests can get complex and difficult to understand.

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