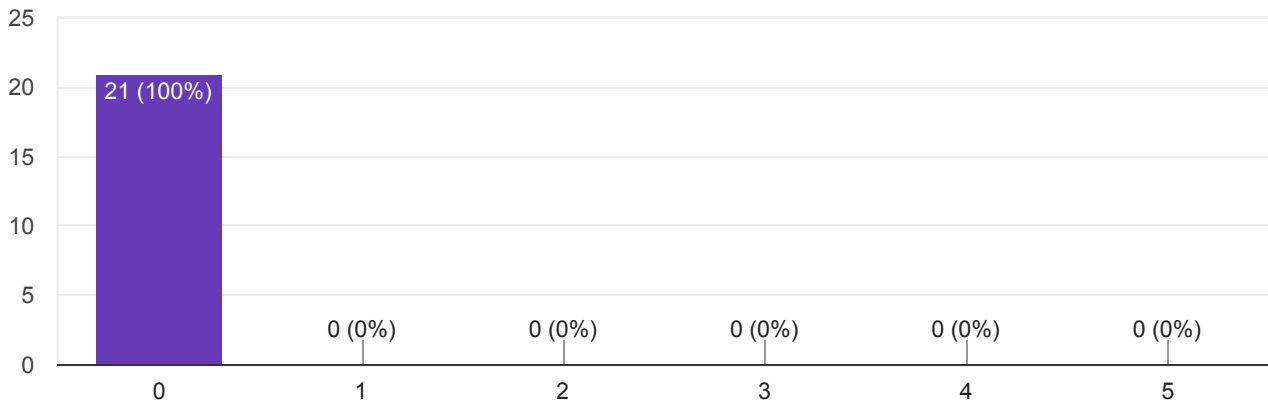


Answer the following questions after the completion of Task 2

Do you have experience with the project Apache ofbiz?

21 risposte



What improvements did you make in the code?

21 risposte

In FlexibleMapAccessorTests (see <http://ix.io/17A0>):

- create data class FmaTestData<T> to contain all parameters passed to fmaTest
- change signature of fmaTest: fmaTest(FmaTestData<t> d) and change all variables to access d.
- make sure calls to fmaTest use the data class
- Move most code from mfaTest into two new methods fmaTestGeneral and fmaTestFse. The first checks the simple assertions, the other checks the rest.

In UtilCacheTests (see <http://ix.io/17AP>):

- create data class KeyData<K,V> to contain all parameters passed to assertKey
- change signature of assertKey: assertKey(KeyData<K,V> d) and change all variables to access d.
- make sure calls to assertKey use the data class
- move most code from basicTest to two new methods basicTestFirst and basicTestSecond (for lack of semantic understanding of what is tested). Both these methods have the signature (UtilCache<String, String> cache, long origByteSize) and are called from basicTest where origByteSize was calculated.

Eager test refactoring for fmaTest, Lazy test refactoring for fmaTest and testFlexibleMapAccessor; Eager test refactoring for basicTest

FlexibleMapAccessorTests

- Lazy test refactoring for fmaTest

related to the LongParameterList LongParameterList in UtilCacheTests.

1 In FlexibleMapAccessorTests i have created a data class, thus refactored fmaTest method (after introducing the new object).

2 in UtilCacheTests, I was not entirely sure how to proceed, but i have again created a new class containing the list of parameters passed to assertKey
Then i moved most of tes code from basicTest to 2 novel test methods.

In FlexibleMapAccessorTests
created data class incapsulating all parameters passed to fmaTest.

In UtilCacheTests, split method basicTest in different tests.

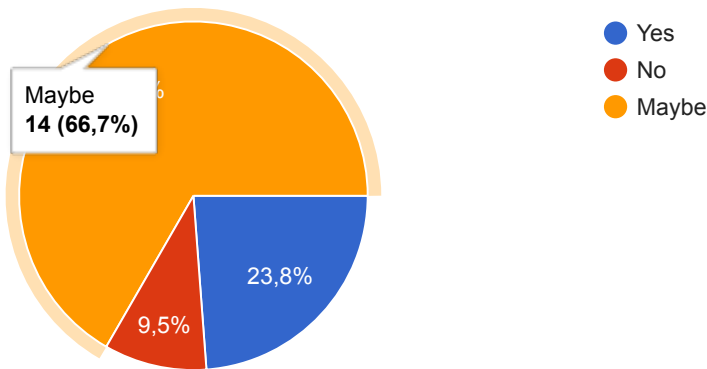
introduced a a new object to to reduce the number of parameters passed to the test suite,
thus refactoring fmaTest.

in basicTest I removed some duplicated assertions
to reduce its length.

- 1. seperate locale test out from fmaTest(...)
- 2. seperate testMap out from fmaTest(...)
- 3. delete assertHasSingleKey and assertNoSingleKey, its duplicate of assertKey

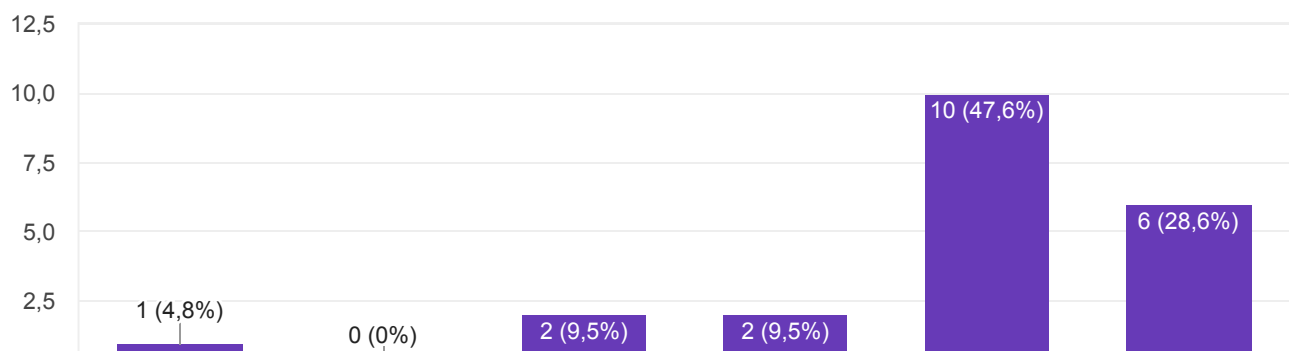
Did the improvements fix the smelly code?

21 rispote



How difficult was it to perform the task?

21 rispote



Time required to perform the complete task 1, Report the time in minutes and seconds (e.g. 15 minutes 45 seconds)

21 risposte

23 minutes 0 seconds

30 min for FlexibleMapAccessorTests.java, 18min 24 sec for UtilCacheTests.java

34 minutes and 47 seconds

38 minutes and 16 seconds

48 minutes 12 seconds

20 minutes 18 seconds

FSE: 30:00 ;UCT: 15:00

23 min. FlexibleMapAccessorTest 27 min. UtilCacheTests

30 min. and 28 min.

20 and 25 minutes respectively

24 min. - 25 min.

19 and 18 minutes for the two classes

30 minutes + 29 minutes

22min and 29 min.

30 minutes c1 and 21min. c2

60 minutes

55 min (30 and 25)

10 + 15 min.

24 and 17 minutes....

21 and 19 minutes for the two classes