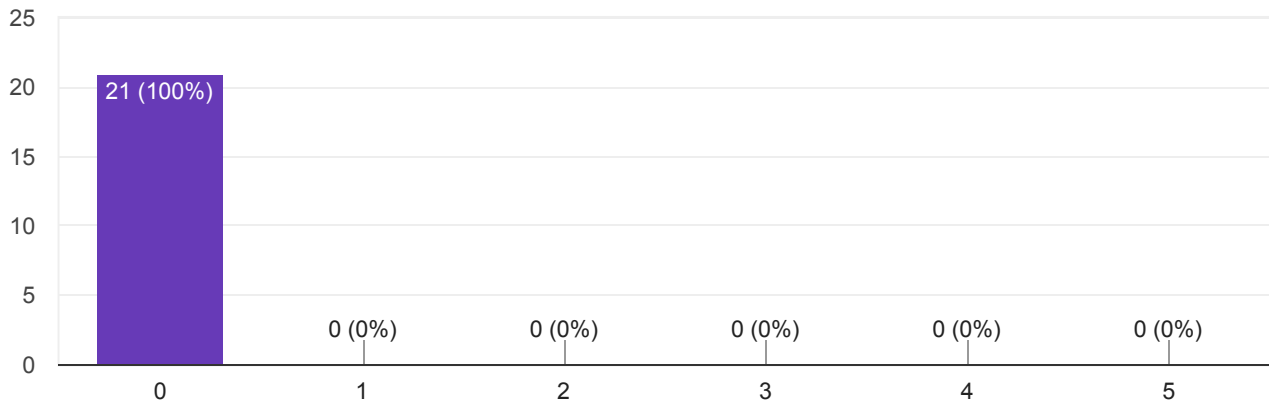


Answer the following questions after the completion of Task 1

## Do you have previous experience with the project Apache ofbiz?

21 risposte



## What improvements did you make in the code?

Task 1 TSD :

INVIA



DOMANDE

RISPOSTE

21

- split doFseTest into two methods doFseTestInput(FseTestData d) and doFseTestLocale(FseTestData d), containing about half of the original test each.
- doFseTest now calls the two new methods
- In TimeDurationTests(see <http://ix.io/17AL>):
- create data class DurationData to contain all parameters passed to assertDurationFields
- change signature of assertDurationFields: assertDurationFields(DurationData d) and change all variables to access d.
- create data class TimeDurationData to contain all parameters passed to assertDurationLoop
- change signature of assertDurationLoop: assertDurationLoop(TimeDurationData d) and change all variables to access d.
- Split assertDurationLoop into 3 methods, extracting the StringBuilder/durationString part into a method createDurationString(TimeDurationData d) and the "d.right.set..." parts into a method updateCalendar(TimeDuration d). These two methods are called at the beginning of assertDurationLoop, the rest stays the same.



Eager test refactoring for testParsing, Eager test refactoring for doFseTest, Eager test refactoring for everythingTest; added a method by making hard-coding certain parameters to assertDurationFields, Eager test refactoring for assertDurationLoop, Eager test refactoring for testDuration

In FlexibleStringExpanderTests:

- split doFseTest into two methods

Not sure about the goal of the task, but i have reduce number of parameters from doFseTest & fseTest splittong them in further test cases.

The only problem that is critical for me to fix is the one related to the LongParameterList in TimeDurationTests (as suggested by the comments in the code). Hence, I have refactored both production and test code to make it more maintainable.

In FlexibleStringExpanderTests i have created a data class that contains the set of parameters passed to doFseTest; then i have split doFseTest into two methods reporting about half of the original test each.  
In TimeDurationTests I have create a data class that contains the parameters passed to assertDurationFields, same for TimeDurationData; finally, i have split assertDurationLoop into 3 methods.

Remove parameters from fseTest and doFseTest methods by creating new data class FseTestData that contain all parameters passed. Then split testParsing + everythingTest in different tests.

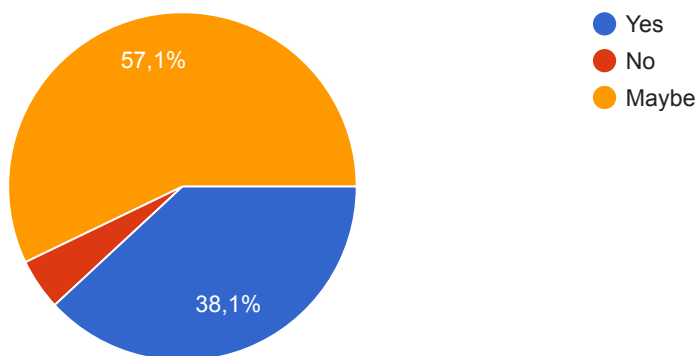
Split testDuration in multiple tests.

(1) introducing new objects to pass all the data, this to reduce the number of parameters needed in fseTest, doFseTest. Finally i decided to split testDuration in different tests.

1. divide parseTest() into parserTestWithCache() and parserTestWithoutCache()
2. doFseTest(...) test toooo many things with a long parameter list. So I divide it to subtasks.
3. define a new internal class to hold the long list of time integers.
4. divide assertDurationFields and assertDurationLoop into subtasks.

## Did the improvements fix the smelly code?

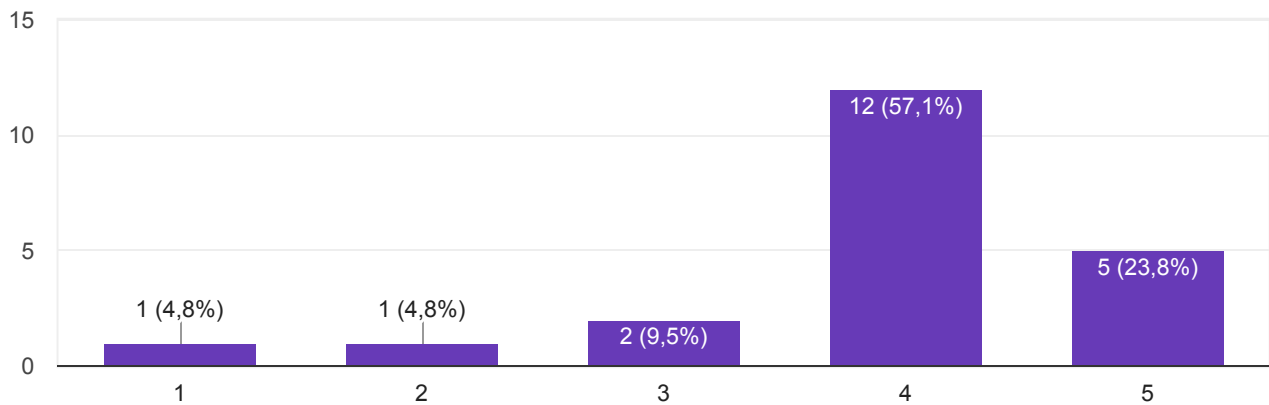
21 risposte



## How difficult was to perform the task?

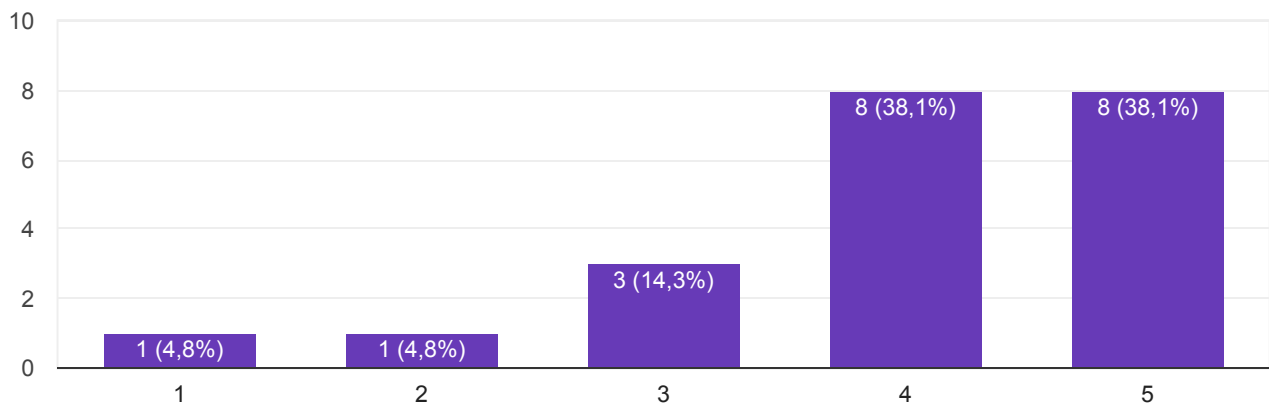
21 risposte

21 risposte



Do you think some kind of quick help is required to fix the code?

21 risposte



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

21 risposte

32minutes 0 seconds

28min 46sec for the first class; and 25min for the second class

30 minutes

60 minutes