

SURVEY ON INTERACTIVE TEST CASE GENERATION

Thanks to participating in the second part of our experiment, aimed at observing how developers understand test case readability. We would be grateful if you could perform the following task:

1. Open the Java files containing test cases according to the instructions of each question. Each question has its own folder (Question1, Question2, Question3).
2. Observe the test code (*TestX.java*). If needed, the class under test (*ArrayIntList.java*) and its superclasses (*RandomAccessIntList.java* and *AbstractIntCollection.java*) are also available for inspection in the SUT folder.
3. Rate the readability of each test case, and explain the reason(s) behind your scores. Please use a 0-10 scale for the readability scores.

Statement of consent

All of the information that you provide will be treated as confidential and will only be used for research purposes. Your responses will be combined with those provided by other participants, and we will not disclose your personal information to third parties.

Question 1. *Open the files *Test1a.java* and *Test1b.java*, available in the folder “Question 1”. Take your time to read and understand the code, then assign one score in the range [0-10] to each test case, where 0=Poor readability and 10=High readability. Note that the shown test cases are valid, i.e., they do not contain errors. Explain why you assigned each score, and the observed differences (if any) between both test cases. The method under test is: **<method>***

Test case	Readability Score	Reason(s) to provide such scores. Use the following text box to indicate the differences you observe and have influenced your scores.
Test1a.java		
Test1b.java		

Question 2. Repeat the process for files *Test2a.java* and *Test2b.java* in folder *Question2*. The method under test is: **<method>**

Test case	Readability Score	Reason(s) to provide such scores. Use the following text box to indicate the differences you observe and have influenced your scores.
Test2a.java		
Test2b.java		

Question 3. Repeat the process for files *Test3a.java* and *Test3b.java* in folder *Question3*. The method under test is: **<method>**

Test case	Readability Score	Reason(s) to provide such scores. Use the following text box to indicate the differences you observe and have influenced your scores.
Test3a.java		
Test3b.java		

[Optional] Please provide any additional comment: