

Exit Survey – Participant 41

Please fill out this survey regarding the experiment.

1. For each of the following questions about the experiment, please specify whether you: fully agree, partially agree, partially disagree, or fully disagree.				
		Fully agree		Fully disagree
A	I had enough time to finish my task.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B	It was easy to test the given class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C	I have produced a good test suite.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D	I am certain I have found all bugs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E	The class under test was easy to understand.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. For each of the following questions about test generation, please specify whether you fully agree, partially agree, partially disagree, or fully disagree.				
		Fully agree		Fully disagree
A	It is easier to test with generated tests than having to manually write tests.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B	It is easier to confirm suggested assertions than to manually add them to generated tests.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C	Generated unit tests are difficult to read and understand.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D	Generated unit tests are too long to understand.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E	Generated unit tests are too short to exercise useful behaviour.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F	Automated test generation does not provide enough tests.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G	Automatically generated unit tests only exercise the “easy” parts of the program.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H	Automated test generation selects the right assertions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I	Automated test generation selects too many assertions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J	Adding assertions to generated unit tests is prohibitively difficult.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K	Performance is a prime concern when using automated test generation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L	Difficulty in understanding generated unit tests depends on the complexity of the tested class, not the actual tests.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. In what respect would the test generator need to be improved such that you would consider using it in practice? For each of the following aspects, please rank whether they are:

- irrelevant,
- nice to have, but not important,
- important.

	Irrelevant	Nice to have	Important
A Performance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Coverage.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Readability.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Better assertions.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Complex behaviour.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Documentation / comments.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G User interface.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G More tests.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Do you have any suggestions on improving the readability of generated unit tests?

5. Do you have any suggestions on making unit test generation more usable?
