

Exit Survey – Participant 9

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"/>

<p>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:</p> <ul style="list-style-type: none"> • 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"/>

<p>4. Do you have any suggestions on improving the readability of generated unit tests?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>				
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<p>5. Do you have any suggestions on making unit test generation more usable?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>				
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