FUDA EMPIRICAL EVALUATION
Background Questionnaire

NOTE: This is a fillable PDF file. If you are not using a PDF writer, please make sure to print this file to a PS or PDF file to not lose the information.

Name: S23 _____

Date: 29 October 2010 _____   # Terms in Program: 3 _____

Degree Program: ☑ Full-Time Student   ☐ Part-Time Student   ☐ Not a Student

If a part-time student or not a student, please specify the occupation: _____

☐ Bachelor's   ☑ Master's   ☐ PhD

Q.1: How many years of industrial experience do you have? 0 years _____

Q.2: In the range of 1-5, specify your familiarity with the ideas of object-orientation such as objects, classes, inheritance, etc.:

☐ 1 = None   ☐ 2   ☐ 3   ☑ 4   ☐ 5 = Expert

Q.3: In the range of 1-5, specify your familiarity with the ideas of object-oriented software frameworks such as framework API, framework-provided concepts, etc.?

☐ 1 = None   ☐ 2   ☑ 3   ☐ 4   ☐ 5 = Expert

Q.4: How many years of programming experience do you have in general? 5 _____

Q.5: What programming languages are you the most expert in?

1) Java _____   2) C _____   3) _____   4) _____

Q.6: In particular, how many years of programming experience do you have in Java? 3.5 _____

Q.7: In the range of 1-5, specify your skill level with the Java programming language:

☐ 1 = None   ☐ 2   ☐ 3   ☑ 4   ☐ 5 = Highly Skilled

Q.8: In the range of 1-5, specify your skill level with the Eclipse environment and its Java development tools (JDT):

☐ 1 = None   ☐ 2   ☑ 3   ☐ 4   ☐ 5 = Highly Skilled

Q.9: In the range of 1-5, specify your familiarity with the Eclipse framework:

☐ 1 = None ☑ 2 ☐ 3 ☐ 4 ☐ 5 = Highly Skilled

Q.8.1: Have you ever implemented the following concepts using the Eclipse framework?

Concept: Navigate[1] ☑ No ☐ Yes, Implemented before.

Concept: Table Viewer[2] ☑ No ☐ Yes, Implemented before.

Q.10: In the range of 1-5, specify your familiarity with the Eclipse JFace framework:

☑ 1 = None ☐ 2 ☐ 3 ☐ 4 ☐ 5 = Highly Skilled

Q.9.1: Have you ever implemented the following concepts using the Eclipse JFace framework?

Concept: Context Menu[3] ☑ No ☐ Yes, Implemented before.

Concept: Content Assist[4] ☑ No ☐ Yes, Implemented before.

Q.11: Do you have any other experience with other object-oriented software frameworks? If yes, please specify the framework and your skill level.

1)

2)

3)

4)

Q.12: Please provide us any questions or comments you may have about this experiment:

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[1] How to create the tree navigation actions (*Go Home*, *Go Back* and *Go Into*) in the Eclipse tree viewer's toolbar?
[2] How to implement an Eclipse table viewer?
[3] How to implement a context menu in an Eclipse view using the JFace framework?
[4] How to implement a content assist in an Eclipse text editor?