

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: S26

Date: Oct. 29, 2010

Terms in Program: 9

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? 2 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? 7 years

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

1) Java 2) C 3) C++ 4) VHDL

Q.6: In particular, how many years of programming experience do you have in Java? 3

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: Navigate¹ No Yes, Implemented before.

Concept: Table Viewer² 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 Menu³ No Yes, Implemented before.

Concept: Content Assist⁴ 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) Eclipse Graphical Modeling Framework - 3
- 2)
- 3)
- 4)

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

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?