

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: S9

Date: Aug. 28th 2008

Terms in Program: 6

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? 17 (started at the age of 11)

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

1) C/C++ 2) Assembly 3) Java 4) Pascal/Delphi

Q.6: In particular, how many years of programming experience do you have in Java? 7

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) Borland Turbo Vision (used to be highly skilled but haven't used it in 9 years)
- 2) Microsoft Foundation Class (MFC) (same, used to know it inside and out but haven't used it in the past 6/7 years and can barely remember anything)
- 3) Java Swing (moderately skilled, have used it in a few applications but not the advanced features of it)
- 4) J2EE EJB (basic knowledge, never developed a serious application with it)

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?