

# 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: S22

Date: Aug 06, 2008

# Terms in Program: 15

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? 7

**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? 15

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

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

**Q.6:** In particular, how many years of programming experience do you have in Java? 10

**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<sup>1</sup>     No     Yes, Implemented before.

Concept: Table Viewer<sup>2</sup>     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<sup>3</sup>     No     Yes, Implemented before.

Concept: Content Assist<sup>4</sup>     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) Java Servlets, skill: 4
- 2) Java Applets, skill: 4
- 3) Borland OWL, skill: 4
- 4) Hotdraw, skill: 2

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

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<sup>1</sup> How to create the tree navigation actions (*Go Home*, *Go Back* and *Go Into*) in the Eclipse tree viewer's toolbar?

<sup>2</sup> How to implement an Eclipse table viewer?

<sup>3</sup> How to implement a context menu in an Eclipse view using the JFace framework?

<sup>4</sup> How to implement a content assist in an Eclipse text editor?