Amelia Evaluation

User Questionnaire

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1. Please indicate the time you spent (in minutes) specifying the deployment: _____

2. Please describe the difficulties you experienced developing the deployment assets.

_____

_____

_____

3. How much time have you been working as a professional Software Engineer? _____

4. Please describe how much experience you have deploying software.

_____

_____

_____

5. Please describe how much experience you have with the Amelia DSL.

_____

_____

_____

Please indicate your agreement or disagreement with the following statements by selecting only one square. The left-most square indicates that you **strongly agree**, while the right-most square indicates that you **strongly disagree**.

6. All concepts and building-blocks for solving problems in the software deployment domain can be expressed in Amelia. □—□—□—□—□

□—□—□—□—□

7. AMELIA is an appropriate and useful tool for deploying software.

8. The language elements are understandable (*e.g.*, language elements can be understood after reading their descriptions). □—□—□—□—□

9. The concepts and symbols of the language resemble the terminology of the deployment domain, are learnable and rememberable (*i.e.*, learning easiness, easiness for developing deployment specifications). □—□—□—□—□

10. AMELIA helps users achieve their tasks in acceptable development times. □—□—□—□—□

11. AMELIA is appropriate for the deployment of the type of software you work on. □—□—□—□—□

12. AMELIA has useful language elements to control the actual deployment operations (*e.g.*, language elements can be selected and put into practice easily, actions are undoable, error messages that explain recovery methods are available for controlling the deployment operations). □—□—□—□—□

13. AMELIA has a concise syntax that allows expressing deployment operations in short specification files.

14. AMELIA prevents making errors in deployment specifications. The language constructs helps the user to avoid mistakes. □—□—□—□—□

15. AMELIA includes the right elements and correct relationships between them (it prevents unexpected interactions between its elements). □—□—□—□—□

16. AMELIA is composed of discrete components such that a change to one component has minimal impact on other components. □—□—□—□—□

17. The development time of writing software deployment specifications is improved. □—□—□—□—□

18. AMELIA helps to improve the productivity of system deployment. □—□—□—□—□

19. A deployment strategy can be mapped into a AMELIA specification easily. □—□—□—□—□

20. AMELIA provides one and only one good way to express every concept of interest. □—□—□—□—□

21. Each AMELIA construct is used to represent exactly one distinct concept in the application domain. □—□—□—□—□

22. The language constructs correspond to significant application domain concepts. AMELIA does not include domain concepts that are not important. □—□—□—□—□

23. AMELIA does not contain conflicting or ambiguous elements. □—□—□—□—□

24. AMELIA is at the right abstraction level for writing deployment specifications, such that it is not more complex or more detailed than necessary.

25. AMELIA can be integrated with other languages used in the software development process, such as using already developed libraries. (*e.g.*, language integrability with other languages). □—□—□—□—□