Interview Questionnaire

Framework for Summarization and Error Detection of In-Vehicle Network Traces

Date: 16.10.2024

Interviewee: ███████████████

Interviewer: Simon Hirner

Current State of Practice

1. What is your current workflow or procedure for analyzing trace files attached to bug tickets?

does little trace analysis, Carmen for analysis of local trace files

2. Are there any challenges or limitations in your current trace analysis workflow that you feel could be improved?

Carmen is slow and sometimes unresponsive

Trace Analysis Tasks

Task 1: Can't be analized without specialized knowledge

Task 2: Unexpected behavior with unlocking

Task 3: Framework makes it easier to understand

Task 4: Hint gives me a clue about possible error

Perceived Usefulness Questions (PU)

3. Using the trace analysis framework would improve my performance in doing my job.

LIKELY *rarely does trace analysis* **UNLIKELY**

				X		

4. Using the trace analysis framework at work would improve my productivity.

LIKELY **UNLIKELY**

			X			

5. I would find the trace analysis framework useful in my job.

LIKELY **UNLIKELY**

				X		

Perceived Ease of Use Questions (PEU)

6. Learning to operate the trace analysis framework would be easy for me.

LIKELY *looks intuitive and easy* **UNLIKELY**

		X				

7. I would find it easy to get the trace analysis framework to do what I want it to do.

LIKELY **UNLIKELY**

		X				

8. My interaction with the trace analysis framework would be clear and understandable.

LIKELY **UNLIKELY**

		X				

Behavioral Intention to use (BI)

9. I presently intend to use the trace analysis framework regularly at work.

LIKELY *Don't analyze traces that often* **UNLIKELY**

			X			

General Feedback

10. What are your overall impressions and thoughts on the trace analysis framework?

Helpful for many developers in different teams, but not for everybody

11. What additional features or improvements would enhance the trace analysis framework?

more details and options for finetuning