Hi,

Thank you very much for participating in this experiment. This experiment is designed to compare the efficiency of Jorvik (a Papyrus UML profile editor generator) with the efficiency of manual creation of a UML profile editor.

The experiment is designed to be run in 2 rounds.

In the first round, you will be provided with an image of a UML profile. You will be required to complete 7 (+1) tasks, in each task you will be asked to complete a component of a Papyrus UML profile editor for the UML profile provided to you.

For each task, there is a set deadline, you will be firstly provided with a "Default" knowledge, which provides a bit of the background knowledge and what needs to be done for the task. At some point before the deadline, you will be provided with a "Essential" knowledge, which contains step-by-step instructions that guide you through completing the task. We will measure the efficiency of the manual creation process by recording your time to complete the task, and your opinion on the difficulties of the task without knowing the "Essential" knowledge.

In the second round, you will be provided with an image of a slightly more complicated UML profile. You are required to complete the same 7(+1) tasks in the first round. We will measure your efficiency by recording the time it takes to complete the task and successfully running the UML profile editor.

We thank you very much for your time and effort, your contribution to this work will be acknowledged in the paper which will be submitted to the SoSyM journal.

Note: this experiment is likely to run for 4.5 hours.

P.S.: this experiment should be conducted on Epsilon 1.5 Interim version together with Papyrus 4.1.X.