

EXERCISES 8, Week 10

22,23: **X task: Usability Inspection of Educational Software**

Educational software is a special domain for usability evaluation. TUP (Technology, Usability, Pedagogy) is a usability inspection online service that was designed to help evaluators in this context. Its main aim is to help non-professionals to evaluate the three (T, U, P) aspects of educational interfaces, applications, and products. TUP evaluation is in many aspects similar to e.g. Ravden&Johnson's method. See <http://cs.joensuu.fi/~tup>. There is a background paper related to TUP based evaluations: <http://dx.doi.org/10.1109/ICALT.2004.1357627> (PDF, from JoY domain)

The case application for our evaluation will be Jeliot 3. Jeliot 3 is an educational tool that tries to help novice programmers learning Java. Download and try Jeliot with example programs (<http://cs.joensuu.fi/jeliot>). Be sure to spend with the program some time, before continuing to the evaluation. Try out the visualization and navigation within the animation.

Register a new account in TUP. Evaluate Jeliot 3 within the TUP system: Log into TUP, from the APPLICATION menu select Jeliot 3. After the information about Jeliot appears, press 'Review application' button, and give your evaluation a meaningful title. Assume the role of student.

Proceed through all steps: the review is divided into the three sections, first the Technology part will be submitted, then the Usability section and finally, third section concerning the Pedagogy issues will be submitted. You can store your current review and continue later, by pressing the "Next step"/"Previous step" buttons. Use comments when applicable. Make sure you complete your review.

In order to complete the exercise, you shall 1) email your inspection results (an http link to your stored review within TUP) by midnight before the demos to Roman Bednarik (firstname.lastname@cs.joensuu.fi), *subject: UE demo8* and 2) come to the demonstration and be ready to present and discuss your evaluation. ***If problems occur, contact the teacher.***

24: Evaluate the course (1 point)

It is very important that you provide feedback as a 'user' of the Usability Engineering 2008 course. Visit the Web site: <http://cs.joensuu.fi/~arvio/english.html>, select Usability Engineering 175420 and fill the form. Before submitting, print the form and bring an **anonymous** filled copy to the demo (on that base you receive the point). Submit the form then, too. Thank you!