
INTEGRATING PROVENANCE CAPTURE AND UML WITH UML2PROV: PRINCIPLES AND EXPERIENCE

Sequence of interaction among GelJ

Figure 1 depicts the sequence of interactions among the 13 substeps of GelJ used for performing the evaluation of UML2PROV. Each rounded rectangle corresponds to a task performed by the user, such a task is named by the text provided by the GelJ interface (e.g., *crop* for cropping the image). When there is a rounded rectangles without text means that there are no tasks performed in that step. Additionally, these rounded rectangles may go with a label at the top right, this label denotes the number of times that such a task has been performed. Finally, we use green arrows for specifying when the user goes to the following step (*next*), or red arrows when the user goes to the previous step (*back*).

