Software Engineering Seminar

Automated Refactoring Techniques

Description

Refactoring is the process of restructuring existing program code without changing the visible outcome of the executed program. This includes changes (i.e., improvements) to the readability, complexity and performance, among others. Manually refactoring large portions of program code is a very time-consuming and, possibly, error prone task. For many specific refactoring goals, automated refactoring techniques have been developed to help a developer with this task.

The student should explore and discuss the current state of the art of automated refactoring techniques.

References


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