A Study on the Nature of Code Clone Occurrence Predominantly in Feature Oriented Programming and the Prospects of Refactoring

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Abstract

In this position paper, it is tried to analyze the diverse type of code clones which is present and can easily be perpetuated in feature oriented programming. Along with that, a brief summary of the type of code clones and the use of Refactoring methodologies and tools which is effectively known to remove the problem of code clones is also discussed. The main observation that is made in this paper is the various type of code clones which are present in FOP. Through this discussion, it is intended to draw the attention to the various ways in which code clones could propagate and how important it is to curb it at the initial stages to reduce the complexities.

References


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Index Terms

Computer Science  Information Sciences

Keywords

Code clones, Refactoring, Code Clone metrics, Code clones in FOP and OOP