Abstract

Now-a-days cloning of codes or programs of the developer or authorized person leads a positive approach. But the code cloning is done by unauthorized person leads a negative approach. In the recent years, many clone detection tools have been proposed. It produces an overwhelming volume of simple clones of data or structure [3]. Code clone detection the content similarity between the programs or webpages. An attempt is made to design a method called "SD Code Clone Detection"; for both static and dynamic webpages. It is based on Levenshtein's approach. This method comprises some steps like, parsing & analysis, tree construction, code similarity measure and clone detection. Experiments are carried out with open source websites and webpages created by some volunteers. Experimental results are recorded and are showing the better detection rate.

References


Refactoring http://www.informit.com/articles/article.aspx


Sourcemaking http://sourcemaking.com/refactoring/introduction-to-refactoring

DOM Tree Algorithm http://dbs.snu.ac.kr/papers/xsym09.pdf


Index Terms

Computer Science Web Services
Keywords

Refactoring  clone detection  code clone  static and dynamic pages  DOM tree
construct
Levenshtein distance algorithm.