Abstract

Though Software Testing plays a vital role to produce better quality products, but it is time consuming and incurs expenditure. The more test will be conducted, products will be finer. Hence, testing is must for software development. Another side of testing is spending much money on it because people will work rigorously to generate the test suite and executing it. As we know that, no software is bug free software; we cannot assure that the testing which has been done for particular software is sufficient. To get a cost effective testing strategy, one should go for optimization of testsuite. This paper uses heuristic algorithm with sampling techniques used to optimize the test suite. Genetic algorithm may play a major role to have a sound weight on optimization of testsuite. If we go for sampling techniques then it usually gives more optimum result.

References

Optimization of Software Testing for Discrete Testsuite using Genetic Algorithm and Sampling Technique

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Index Terms

Computer Science
Software Engineering
Keywords
Genetic Algorithm, selection, crossover, mutation, sampling