Abstract

In the current scenario of software development, the object-oriented technology has become the de-facto for development. It has become very popular and has been proved to be highly useful in software development process. Genetic algorithm is a very effective optimization tool for many engineering application problems. There are many applications existing in genetic algorithm, but no one is with object-oriented systems. This paper approaches the application of
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genetic algorithm in object-oriented models. When we implement any application of genetic algorithm with object-oriented system, it increased the efficiency of system and gain momentum due to the availability of worthless processing power in any application. Object-oriented design, give a more natural representation of any kind of information. It has one more advantage of better memory management and code reusability. It would be very useful to work on defining methods to evaluate different object oriented models. To achieve the same, we proposed a genetic algorithm to evaluate object-oriented model.

Reference


Index Terms

Computer Science

Software Engineering
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**Key words**

- Genetic algorithm
- object diagram
- binary tree
- crossover
- object-oriented