Abstract

Programmers spent most of their time in speeding up a program. Sometimes, speeding up a program leads to increase in the code size that adversely affects the readability as well as the complexity of the program, which makes the code less efficient. Thus, in-order to make the code efficient to work, optimization of the code is needed. There are a number of compilers available which can automatically optimize the code which dominates the kind of manual optimization. In this work, we have studied the different techniques which can be applied to improve the way of writing program in C language, such that the code becomes more efficient. Also, the term optimization is being explained, along with when and where the optimization is to be applied.

References


Index Terms
Computer Science
Information Sciences

Keywords
Optimization Complexity Efficient code Function.