Abstract

String matching is an important problem in computer science having several practical applications. In this paper, we apply bi-directional searching mechanism in exact string matching algorithms: Boyer Moore, Brute Force, Knuth- Morris Pratt, and Rabin Karp. Experiments show that this strategy leads to better efficiency of these string matching algorithm.

References


Index Terms

Computer Science  Algorithms

Keywords

Boyer Moore Algorithm, Brute Force Algorithm, Knuth-Morris Pratt Algorithm, Rabin Karp Algorithm