

The Bayer-Moore string matching algorithm:

The B-M algorithm is used to find pattern in a given String. This algorithm takes

a

"backward' approach the

pattern string (P) is aligned with start of the text string

(T) and then compares the characters of the pattern from right to left, beginning with rightmost characters

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For deciding the possible shifts, B-M algorithm uses two preprocessing strategies, simultaneously. Whenever a mismatch a variation using both

Occurs the algorithm calculates

approaches and select more. significant shift thus, it makes use of the most effective str

The two strategies are called heuristics of B-M.

Bad Characters Heuristics:

(1) Good Suffix Heuristics.