Applications of Suffix Trees

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7.2 Exact Set Matching

- Both Aho-Corasick and Suffix methods find all occurrences of P in T in O(n+m+k). But have preference by case.
- Comparison:
 - \square AC: build keyword tree: size O(n), time O(n).
 - When set of patterns is larger than T, suffix tree approach uses less space, but more time to search.
 - E.g. molecular biology, where pattern library is large.

















































