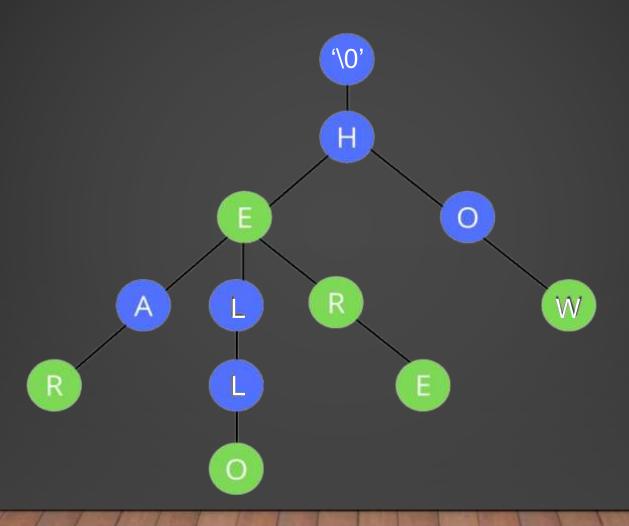
TRIE - THE MAGIC TREE /





WHAT IS TRIE?



Trie is a type of Search Tree, a Tree data structure whose nodes stores letters of alphabet.



By using Trie searching complexities can be reduced as Tries are used for locating specific keys from within a set in less time.



Trie can be used to implement dictionary. There are numerous other applications of Tries as well.

APPLICATIONS

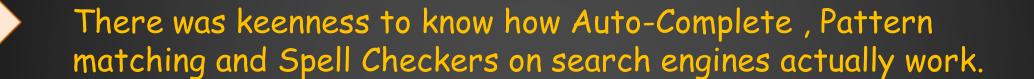
- Auto-Complete in Search Engines.
- Pattern matching Algorithms.
- Text Search.
- Browser History.
- → Spell Checkers or Auto-Correct.



ABOUT IDEA :













TRIES SE HASHMAPS



Auto-Complete and Spell Checkers are some amazing features of Tries which can't be implemented in Hashmaps in less runtime complexities.

Tries can provide an alphabetical ordering of enteries by key in less runtime complexity than Hashmaps.

BASIC OPERATIONS IMPLEMENTED

→ Insert a word with its meaning.

→ Search a word.

→ Get all words with their meaning.

Find meaning of a word.

→ Delete a word.

→ Auto - Correct implementation.

Auto - Complete implementation.



THANK YOU.

LET'S HEAD TOWARDS DEMO NOW