

Map Set

ordered
tree
 $\Theta(\log n)$

balance
Red Black

ArL
Rotations

re Trie val

Dictionary
predict
order \rightarrow 500,000
3,000,000
overlaps in keys

$\Theta(K)$

length and K



10 \rightarrow C
Trie
low/high
is Member
sorted Map
 \rightarrow children

add
contains
row no
size

tie
Add
(log)

return
stack
push
pop

legend

size

is Member?
children?

for each child

$t = \text{size}$