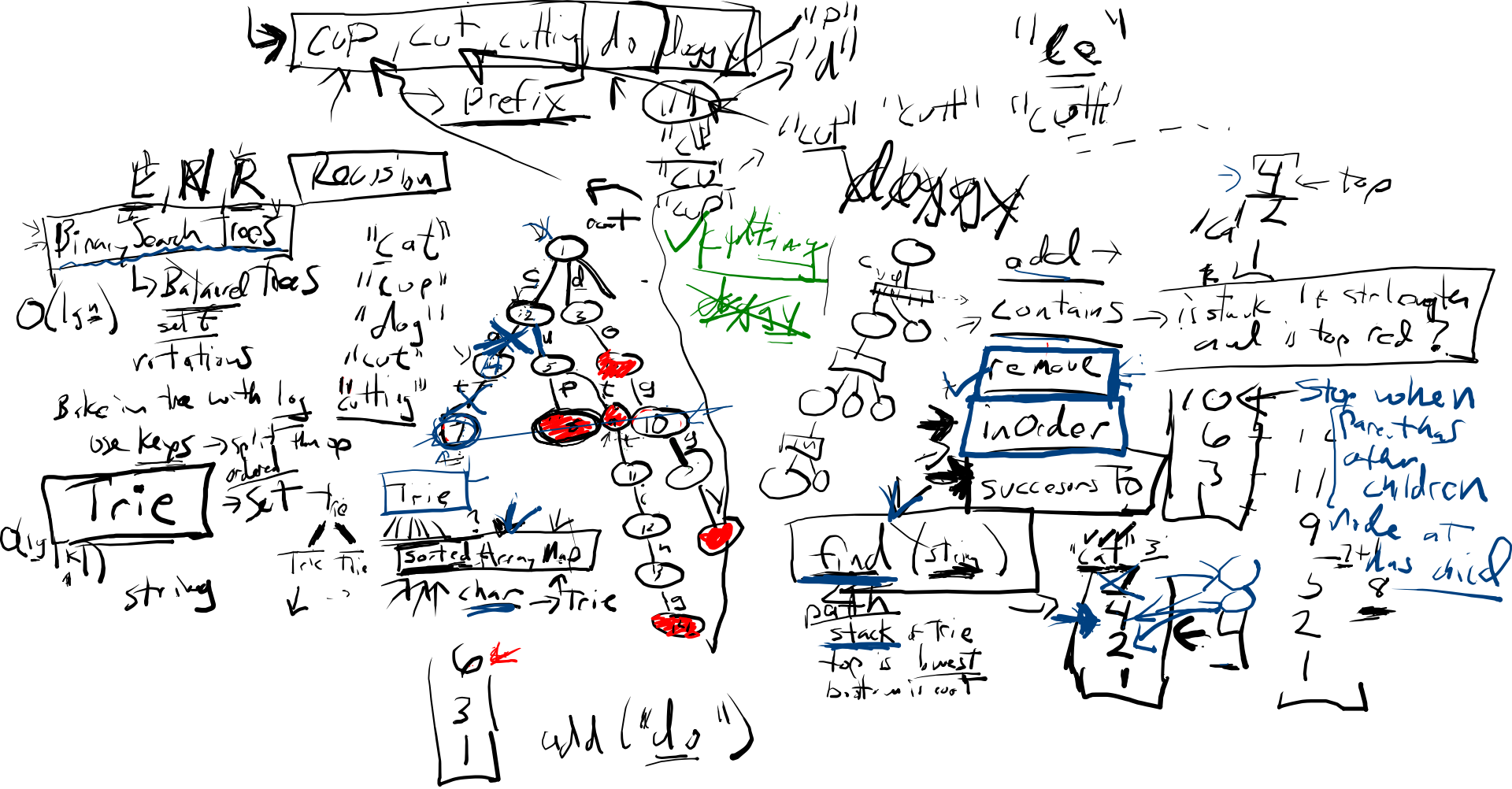
cup, cut, cutting, do, dog
prefix
"p"
"d"
"e"
"cut"
"cutt"
"cutti"
"cu"
"cut"
"cup"
cutting
dog
E, N, R
Recursion
Binary Search Trees
O(lg n)
Balanced Trees
set
rotations
"cat"
"cup"
"dog"
"cut"
"cutting"
Bake in the with log
use keys → split the op
ordered
Set
Trie
O(lg |K|)
string
Trie
Trie
Trie
Sorted Array Map
char → Trie
add ("do")
contains
is stack and is top red?
is strlength
remove
inOrder
successors To
find (string)
path
stack of Trie
top is lowest
bottom is root
"cat"
Stop when
parentheses
other children
node at
has child
top