

# Red Black Tree

RB tree is a Binary search tree with one extra bit of storage per node

lp	Color	key	rp
	B=0 R=1		

1. Every node is either Red or black
2. The root is black (No R-R parent child)
3. Every leaf (NIL) is black N adjacent or
4. If a node is Red, the both its children are black
5. For each node, all paths from node to descendant leaves contain the same no. of black nodes.





