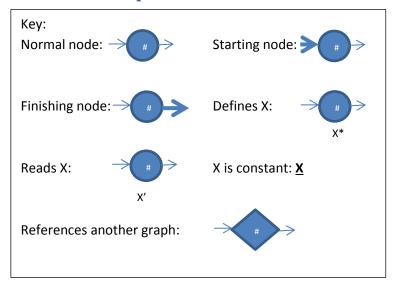
Control Flow Graph



1. getRoot()

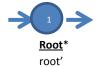


Root'.left

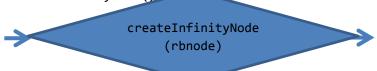
RBTreeWithFaults()



3. RBTreeWithFaults(RBNode root)



4. createInfinityNode()



5. createInfinityNode(RBNode leftchild)



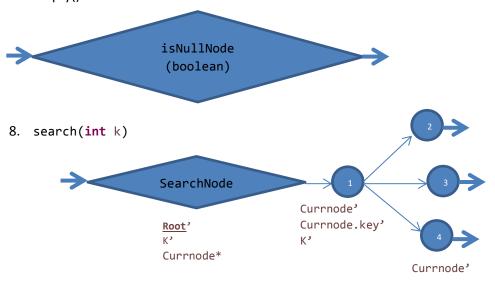
Leftchild'

Node*

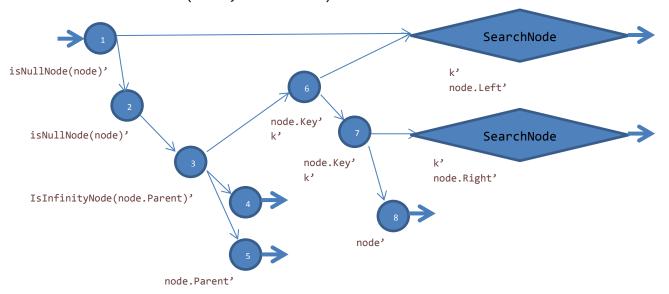
createNullNode(RBNode parent)



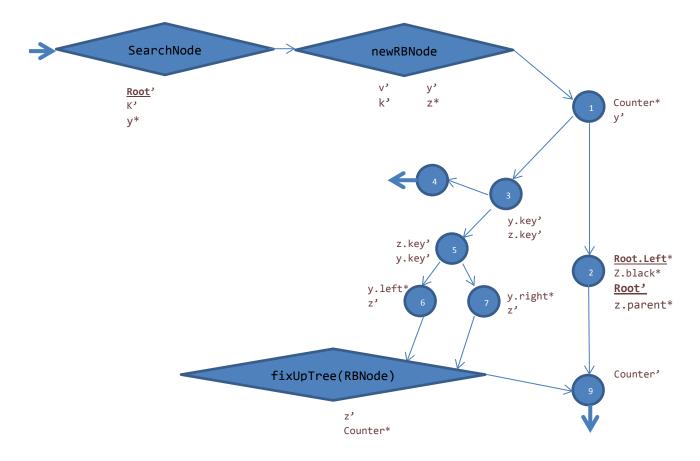
7. Empty()

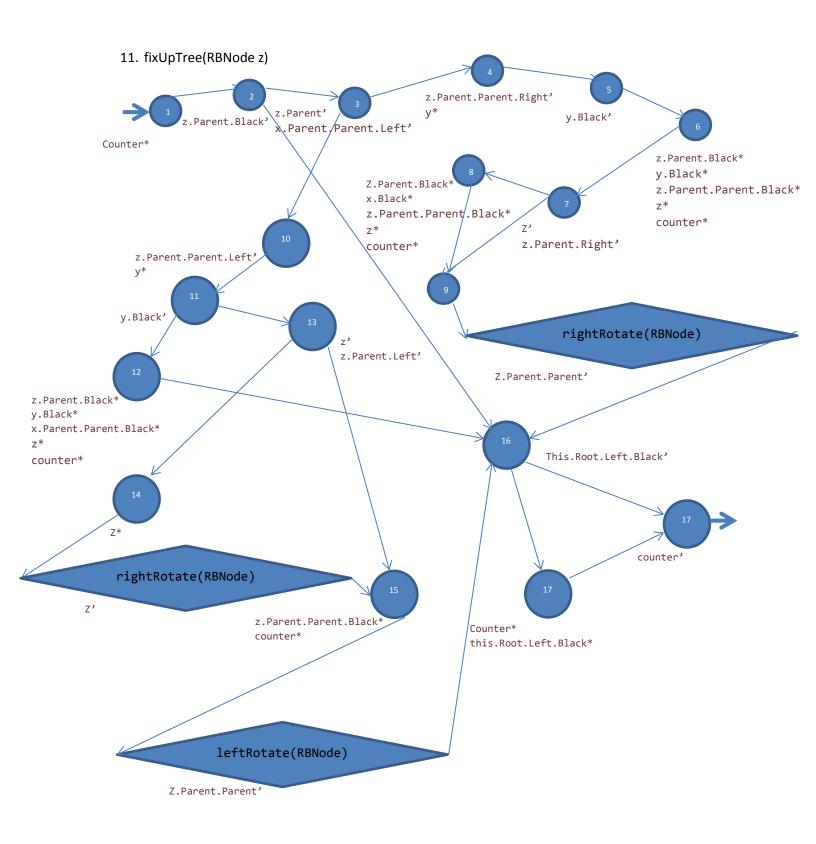


SearchNode(int k, RBNode node)

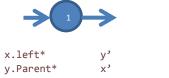


10. insert(int k, string v)

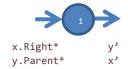


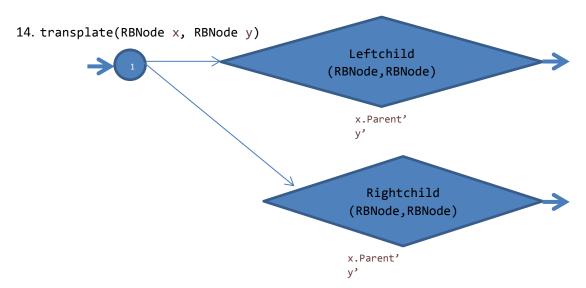


12. leftChild(RBNode x,RBNode y)

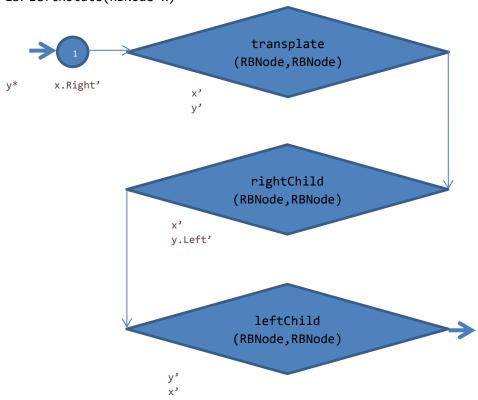


13. rightChild(RBNode x, RBNode y)





15. leftRotate(RBNode x)



16. Delete(int k)

