```
Block
       + 1
       + W
       + h
       + id
       + Block()
            +block
    RotatableBlock
  + rotation
  + RotatableBlock()
  + getL()
  + getW()
  + getH()
  + getRandRotate()
            +block
     TTree::Node
     + Node()
     + ~Node()
                          -backup
     + Node()
                            +in
     + operator=()
                            +I
     + Node()
                            +m
     + operator=()
     + save()
     + retrieve()
     + discard()
     + printMsg()
            -root
         TTree
- pool

    undoList

+ TTree()
+ initialize()
+ initialize()
+ getPlacement()
+ randomMove()
+ randomSwap()
+ randomRotate()
+ undo()
+ TTree()
+ operator=()
  TTree()
+ operator=()
+ verify()
initializeRecur()
- getPlacementŘecur()
- randNode()
- randPair()
swapNode()
detach()
- insert()
- verifyRecur()
```