```
KHPTree < K, T, REBALANCE,
CUT ON INSERT, MAINTAIN
SIZE, MAINTAIN HEIGHT >
                                                         parent
      ::Node::subtree t
                                children
                                  left
                                            KHPTree< K, T, REBALANCE,
                                 right
                                            CUT ON INSERT, MAINTAIN
                                            SIZE, MAINTAIN HEIGHT >::Node
KHPTree K, T, REBALANCE,
CUT ON INSERT, MAINTAIN
                                includes
SIZE, MAINTAIN HEIGHT >
::Node::includes t< MAINTAIN
 SIZE, MAINTAIN HEIGHT >
```