```
Tree< T >
      # m root
      + Tree()
      + ~Tree()
      + Tree()
      + operator=()
      + IsEmpty()
      + GetRoot()
      + GetTreeHeight()
      + GetTreeNodes()
      + GetTreeLeaves()
      + InsertNode()
      + SearchNode()
      + DeleteNode()
      + PreOrderTraversal()
      + InOrderTraversal()
      + PostOrderTraversal()
      # Destroy()
      # CopyTree()
      # GetMaxTreeSubHeight()
      # GetHeight()
      # GetNodes()
      # GetLeaves()
      # Insert()
      # Search()
      # Delete()
      # PreOrder()
      # InOrder()
      # PostOrder()
       Tree()
      * ~Tree()
      * Tree()
      * operator=()
      * IsEmpty()
      * GetRoot()
      * GetTreeHeight()
      * GetTreeNodes()
      * GetTreeLeaves()
      * InsertNode()
      * SearchNode()
      * DeleteNode()
      * PreOrderTraversal()
      * InOrderTraversal()
      * PostOrderTraversal()
  AVL< T>
                          BST<T>
+ AVL()
                       + BST()
                       + ~BST()
+ ~AVL()
+ InsertNode()
                       + InsertNode()
+ DeleteNode()
                       + DeleteNode()
```