```
GraphTemplate::Graph < T >
# reachedNodeId
# reachedArcId
# nodes
# arcs
+ Graph()
+ Graph()
+ Graph()
+ ~Graph()
+ breadthFirstVisit()
+ depthFirstVisit()
+ breadthFirstSearch()
+ depthFirstSearch()
+ shortestPathSearch()
+ addNode()
+ addNode()
+ removeNode()
+ addArc()
+ addArc()
+ removeArc()
+ getArcsFromFletching()
+ getArcsFromTip()
+ getArcsFromEndpoints()
+ getLeaves()
+ removeRedundancies()
+ getNodeFromData()
+ getNodes()
+ setNodes()
+ clearNodes()
+ getArcs()
+ setArcs()
+ clearArcs()
# toLowerCase()
GraphTemplate::Tree < T >
# preOrder
 + Tree()
 + depthFirstVisit()
 + getPreOrder()
 + setPreOrder()
 + addNode()
 + addNode()
 + addNode()
 + addArc()
 + addArc()
```