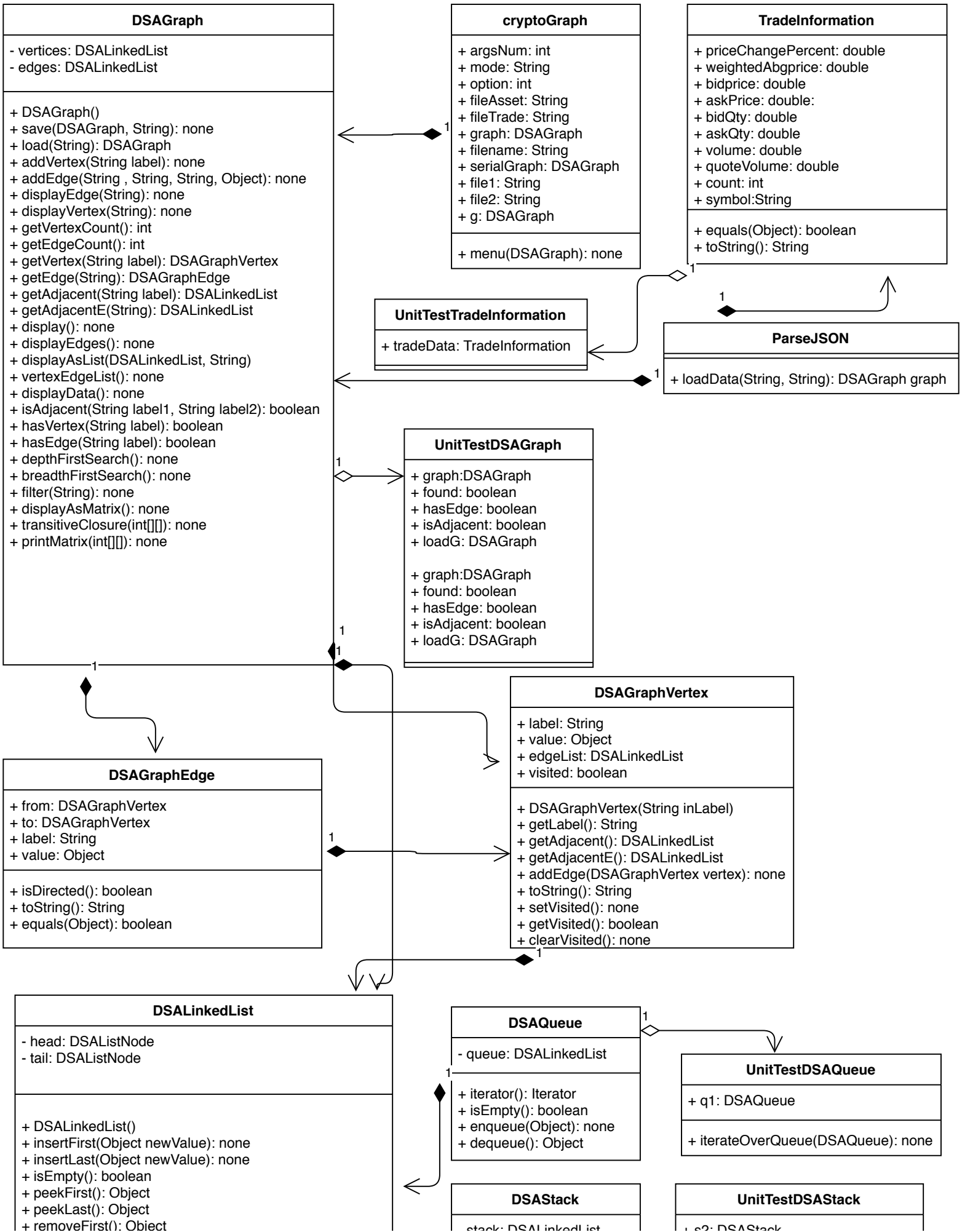
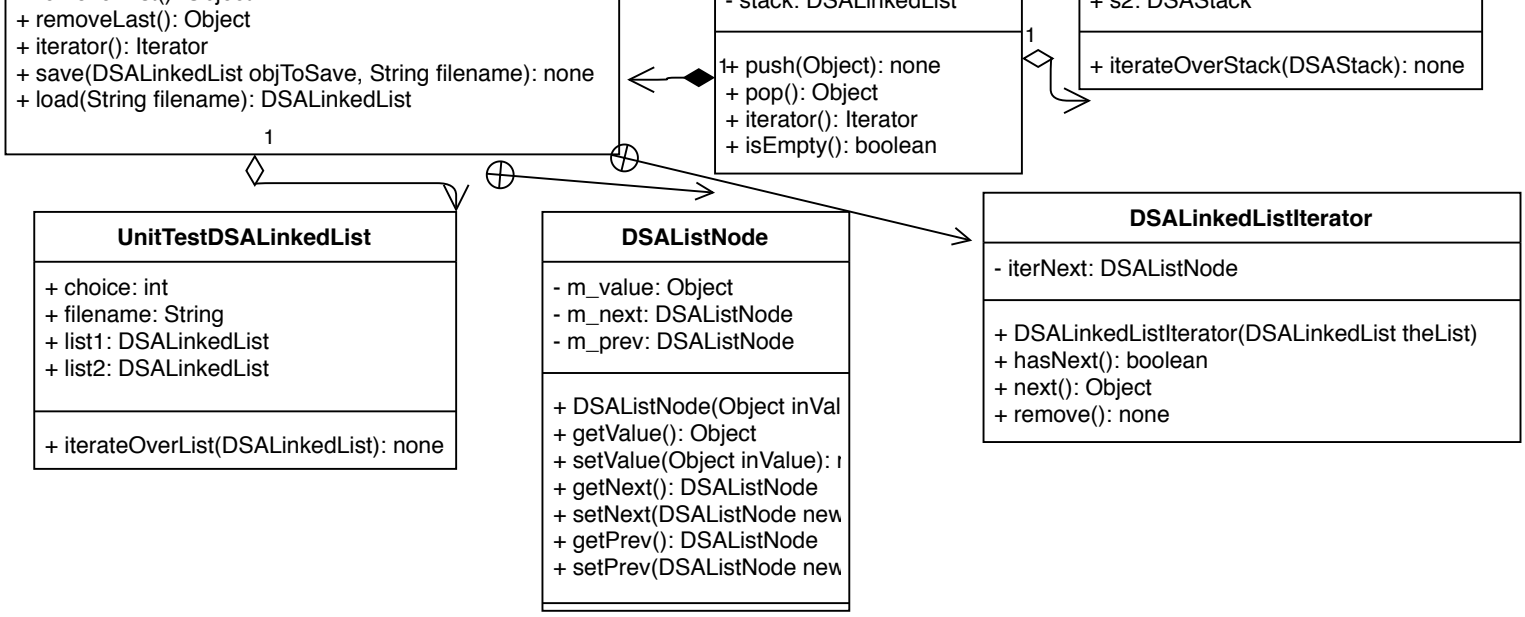

DSAGraph
- vertices: DSALinkedList
- edges: DSALinkedList
+ DSAGraph()
+ save(DSAGraph, String): none
+ load(String): DSAGraph
+ addVertex(String label): none
+ addEdge(String , String, String, Object): none
+ displayEdge(String): none
+ displayVertex(String): none
+ getVertexCount(): int
+ getEdgeCount(): int
+ getVertex(String label): DSAGraphVertex
+ getEdge(String): DSAGraphEdge
+ getAdjacent(String label): DSALinkedList
+ getAdjacentE(String): DSALinkedList
+ display(): none
+ displayEdges(): none
+ displayAsList(DSALinkedList, String)
+ vertexEdgeList(): none
+ displayData(): none
+ isAdjacent(String label1, String label2): boolean
+ hasVertex(String label): boolean
+ hasEdge(String label): boolean
+ depthFirstSearch(): none
+ breadthFirstSearch(): none
+ filter(String): none
+ displayAsMatrix(): none
+ transitiveClosure(int[][]): none
+ printMatrix(int[][]): none
cryptoGraph
+ argsNum: int
+ mode: String
+ option: int
+ fileAsset: String
+ fileTrade: String
+ graph: DSAGraph
+ filename: String
+ serialGraph: DSAGraph
+ file1: String
+ file2: String
+ g: DSAGraph
+ menu(DSAGraph): none
TradeInformation
+ priceChangePercent: double
+ weightedAbgprice: double
+ bidprice: double
+ askPrice: double:
+ bidQty: double
+ askQty: double
+ volume: double
+ quoteVolume: double
+ count: int
+ symbol:String
+ equals(Object): boolean
+ toString(): String
UnitTestTradeInformation
+ tradeData: TradeInformation
ParseJSON
+ loadData(String, String): DSAGraph graph
UnitTestDSAGraph
+ graph:DSAGraph
+ found: boolean
+ hasEdge: boolean
+ isAdjacent: boolean
+ loadG: DSAGraph
+ graph:DSAGraph
+ found: boolean
+ hasEdge: boolean
+ isAdjacent: boolean
+ loadG: DSAGraph
DSAGraphVertex
+ label: String
+ value: Object
+ edgeList: DSALinkedList
+ visited: boolean
+ DSAGraphVertex(String inLabel)
+ getLabel(): String
+ getAdjacent(): DSALinkedList
+ getAdjacentE(): DSALinkedList
+ addEdge(DSAGraphVertex vertex): none
+ toString(): String
+ setVisited(): none
+ getVisited(): boolean
+ clearVisited(): none
DSAGraphEdge
+ from: DSAGraphVertex
+ to: DSAGraphVertex
+ label: String
+ value: Object
+ isDirected(): boolean
+ toString(): String
+ equals(Object): boolean
DSALinkedList
- head: DSAListNode
- tail: DSAListNode
+ DSALinkedList()
+ insertFirst(Object newValue): none
+ insertLast(Object newValue): none
+ isEmpty(): boolean
+ peekFirst(): Object
+ peekLast(): Object
+ removeFirst(): Object
DSAQueue
- queue: DSALinkedList
+ iterator(): Iterator
+ isEmpty(): boolean
+ enqueue(Object): none
+ dequeue(): Object
UnitTestDSAQueue
+ q1: DSAQueue
+ iterateOverQueue(DSAQueue): none
DSAStack
UnitTestDSAStack
1


+ removeLast(): Object
+ iterator(): Iterator
+ save(DSALinkedList objToSave, String filename): none
+ load(String filename): DSALinkedList
1
- stack: DSALinkedList
1+ push(Object): none
+ pop(): Object
+ iterator(): Iterator
+ isEmpty(): boolean
1
+ s2: DSAStack
+ iterateOverStack(DSAStack): none
UnitTestDSALinkedList
+ choice: int
+ filename: String
+ list1: DSALinkedList
+ list2: DSALinkedList
+ iterateOverList(DSALinkedList): none
DSAListNode
- m_value: Object
- m_next: DSAListNode
- m_prev: DSAListNode
+ DSAListNode(Object inVal
+ getValue(): Object
+ setValue(Object inValue): r
+ getNext(): DSAListNode
+ setNext(DSAListNode new
+ getPrev(): DSAListNode
+ setPrev(DSAListNode new
DSALinkedListIterator
- iterNext: DSAListNode
+ DSALinkedListIterator(DSALinkedList theList)
+ hasNext(): boolean
+ next(): Object
+ remove(): none