

**Writer****-file** : String**+Writer**(outputFileName : String)**+writeOutputGraph**(graph : LayeredGraphNode) : void**-parseNode**(graph : LayeredGraphNode) : JSONObject**-parseEdge**(e : LayeredGraphEdge) : JSONObject**Reader****-fileName** : String**+Reader**(inputFileName : String)**+readInputGraph**() : LayeredGraphNode**-parseNode**(node : JSONObject, parent : LayeredGraphNode) : LayeredGraphNode**-parseEdge**(edge : JSONObject, parent : LayeredGraphNode) : LayeredGraphEdge**-parseLayer**(layer : JSONArray, parent : LayeredGraphNode) : ArrayList<LayeredGraphNode>