

**-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>****-file : String****+Writer(outputFileName : String)****+writeOutputGraph(graph : LayeredGraphNode) : void****-parseNode(graph : LayeredGraphNode) : JSONObject****-parseEdge(e : LayeredGraphEdge) : JSONObject**