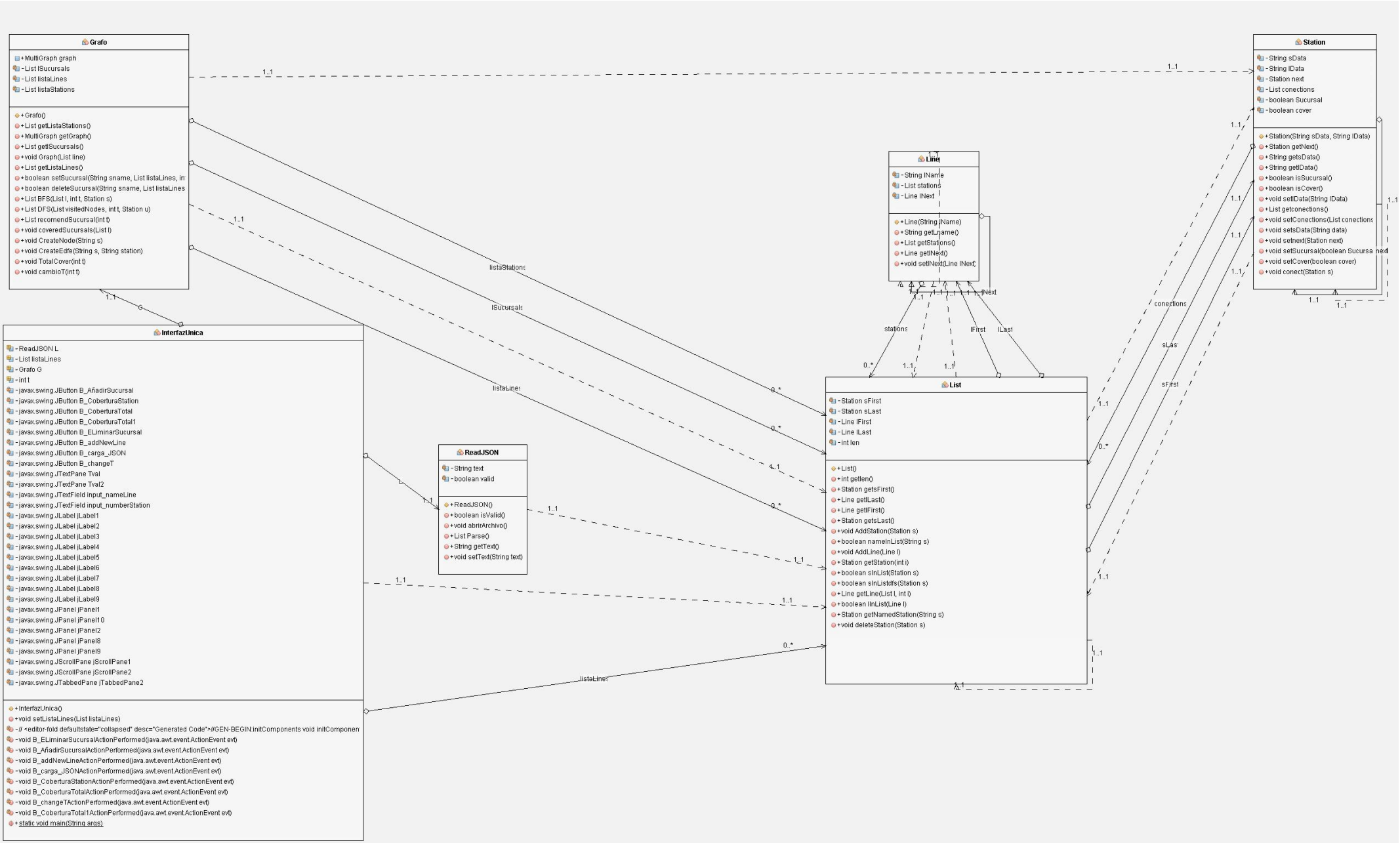
Grafo
+MultiGraph graph
- List lSucursals
- List listaLines
- List listaStations
+Grafo()
+List getListaStations()
+MultiGraph getGraph()
+List getlSucursals()
+void Graph(List line)
+List getListaLines()
+boolean setSucursal(String sname, List listaLines, in
+boolean deleteSucursal(String sname, List listaLines
+List BFS(List l, int t, Station s)
+List DFS(List visitedNodes, int t, Station u)
+List recomendSucursal(int t)
+void coveredSucursals(List l)
+void CreateNode(String s)
+void CreateEdfe(String s, String station)
+void TotalCover(int t)
+void cambioT(int t)
Station
- String sData
- String lData
- Station next
- List conections
- boolean Sucursal
- boolean cover
+Station(String sData, String lData)
+Station getNext()
+String getsData()
+String getlData()
+boolean isSucursal()
+boolean isCover()
+void setlData(String lData)
+List getconections()
+void setConections(List conections
+void setsData(String data)
+void setnext(Station next)
+void setSucursal(boolean Sucursal, next
+void setCover(boolean cover)
+void conect(Station s)
Line
- String lName
- List stations
- Line lNext
+Line(String lName)
+String getLname()
+List getStations()
+Line getlNext()
+void setlNext(Line lNext)
InterfazUnica
- ReadJSON L
- List listaLines
- Grafo G
- int t
- javax.swing.JButton B_AñadirSucursal
- javax.swing.JButton B_CoberturaStation
- javax.swing.JButton B_CoberturaTotal
- javax.swing.JButton B_CoberturaTotal1
- javax.swing.JButton B_ELiminarSucursal
- javax.swing.JButton B_addNewLine
- javax.swing.JButton B_carga_JSON
- javax.swing.JButton B_changeT
- javax.swing.JTextPane Tval
- javax.swing.JTextPane Tval2
- javax.swing.JTextField input_nameLine
- javax.swing.JTextField input_numberStation
- javax.swing.JLabel jLabel1
- javax.swing.JLabel jLabel2
- javax.swing.JLabel jLabel3
- javax.swing.JLabel jLabel4
- javax.swing.JLabel jLabel5
- javax.swing.JLabel jLabel6
- javax.swing.JLabel jLabel7
- javax.swing.JLabel jLabel8
- javax.swing.JLabel jLabel9
- javax.swing.JPanel jPanel1
- javax.swing.JPanel jPanel10
- javax.swing.JPanel jPanel2
- javax.swing.JPanel jPanel8
- javax.swing.JPanel jPanel9
- javax.swing.JScrollPane jScrollPane1
- javax.swing.JScrollPane jScrollPane2
- javax.swing.JTabbedPane jTabbedPane2
+InterfazUnica()
+void setListaLines(List listaLines)
-// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents void initComponen
-void B_ELiminarSucursalActionPerformed(java.awt.event.ActionEvent evt)
-void B_AñadirSucursalActionPerformed(java.awt.event.ActionEvent evt)
-void B_addNewLineActionPerformed(java.awt.event.ActionEvent evt)
-void B_carga_JSONActionPerformed(java.awt.event.ActionEvent evt)
-void B_CoberturaStationActionPerformed(java.awt.event.ActionEvent evt)
-void B_CoberturaTotalActionPerformed(java.awt.event.ActionEvent evt)
-void B_changeTActionPerformed(java.awt.event.ActionEvent evt)
-void B_CoberturaTotal1ActionPerformed(java.awt.event.ActionEvent evt)
+static void main(String args)
ReadJSON
- String text
- boolean valid
+ReadJSON()
+boolean isValid()
+void abrirArchivo()
+List Parse()
+String getText()
+void setText(String text)
List
- Station sFirst
- Station sLast
- Line lFirst
- Line lLast
- int len
+List()
+int getlen()
+Station getsFirst()
+Line getlLast()
+Line getlFirst()
+Station getsLast()
+void AddStation(Station s)
+boolean nameInList(String s)
+void AddLine(Line l)
+Station getStation(int i)
+boolean sInList(Station s)
+boolean sInListdfs(Station s)
+Line getLine(List l, int i)
+boolean lInList(Line l)
+Station getNamedStation(String s)
+void deleteStation(Station s)
listaStations
lSucursals
listaLines
listaLines
stations
lFirst
lLast
lNext
conections
sLas
sFirst
G
L
1..1
0..*