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Package busnet

Class Summary

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[BUSNETWindow](#)

[ConfirmationWindow](#)

[ErrorWindow](#)

[InfoDialog](#)

[InfoWindow](#)

busnet

Class Application

```
java.lang.Object
|
+--busnet.Application
```

< [Fields](#) > < [Constructors](#) > < [Methods](#) >

```
public class Application
    extends java.lang.Object
```

Fields

bold

```
public static java.awt.Font bold
```

defColor

```
public static java.awt.Color defColor
```

driverKeyString

```
public static java.lang.String driverKeyString
```

formatter

```
public static java.text.NumberFormat formatter
```

frame

```
public static javax.swing.JFrame frame
```

grayColor

```
public static java.awt.Color grayColor
```

maxDayHours

```
public static int maxDayHours
```

maxWeekHours

```
public static int maxWeekHours
```

overtimeIncrement

```
public static double overtimeIncrement
```

pause

```
public static int pause
```

plain

```
public static java.awt.Font plain
```

plainSmall

```
public static java.awt.Font plainSmall
```

plate

```
public static java.awt.Font plate
```

plateSmall

```
public static java.awt.Font plateSmall
```

title

```
public static java.awt.Font title
```

titleBig

```
public static java.awt.Font titleBig
```

titleBig2

```
public static java.awt.Font titleBig2
```

Constructors

Application

```
public Application()
```

Methods

getMD5

```
public static java.lang.String getMD5(java.lang.String input)
```

Metodo di conversione di stringhe tramite l'algoritmo MD5

Parameters:

input - Stringa di input

main

```
public static void main(java.lang.String[] args)
```

playSound

```
public static synchronized void playSound(java.lang.String url)
```

Metodo di riproduzione di un suono

Parameters:

url - un URL relativo alla posizione /busnet/sounds/

setPanel

```
public static void setPanel(javax.swing.JPanel panel)
```

Metodo di inizializzazione del pannello principale del frame principale

Parameters:

panel - Pannello da inizializzare all'interno del {@link WrapperPanel}}

showAccessError

```
public static void showAccessError()
```

Metodo di visualizzazione rapida di errori a causa di login errato

showDbError

```
public static void showDbError(java.lang.Exception e)
```

Metodo di visualizzazione rapida di errori dbms

Parameters:

e - Eccezione da visualizzare

busnet

Class BUSNETWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.BUSNETWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) >

```
public class BUSNETWindow
extends javax.swing.JPanel
```

Constructors

BUSNETWindow

```
public BUSNETWindow(Employee emp)
```

Costruttore della finestra principale.

Parameters:

emp - Impiegato che effettua l'accesso

busnet

Class ConfirmationWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- busnet.ConfirmationWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public class ConfirmationWindow
extends javax.swing.JDialog
```

Constructors

ConfirmationWindow

```
public ConfirmationWindow(java.lang.String title,
                           java.lang.String message)
```

Methods

confirm

```
public void confirm()
```

busnet

Class ErrorWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- busnet.ErrorWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public class ErrorWindow
extends javax.swing.JDialog
```

Constructors

ErrorWindow

```
public ErrorWindow(java.lang.Exception e,
                   java.lang.String message)
```

ErrorWindow

```
public ErrorWindow(java.lang.String message)
```

Methods

init

```
public void init()
```

busnet

Class InfoDialog

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- busnet.InfoDialog
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) >

```
public class InfoDialog
extends javax.swing.JDialog
```

Constructors

InfoDialog

```
public InfoDialog()
```

busnet

Class InfoWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- busnet.InfoWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public class InfoWindow
extends javax.swing.JDialog
```

Constructors

InfoWindow

```
public InfoWindow(java.lang.String message)
```

Methods

init

```
public void init()
```

ok

```
public void ok()
```

Package busnet.dbmsManagement

Class Summary

[DBInterface](#)

busnet.dbmsManagement

Class DBInterface

```
java.lang.Object
|
+--busnet.dbmsManagement.DBInterface
```

< [Constructors](#) > < [Methods](#) >

```
public class DBInterface
extends java.lang.Object
```

Constructors

DBInterface

```
public DBInterface()
```

Methods

calculateOvertime

```
public static int calculateOvertime(int month,
                                     int year,
                                     java.lang.String employee)
```

Metodo di recupero dal database delle ore straordinarie svolte per l'impiegato

calculateWorkHoursOnWeek

```
public static int[] calculateWorkHoursOnWeek(java.lang.String employee)
```

changeBusStatus

```
public static void changeBusStatus(java.lang.String busId,  
                                     boolean active)
```

Metodo di cambio stato per un veicolo {@link Bus}

Parameters:

busId - chiave primaria autobus

active - stato dell'autobus

chkConnection

```
public static boolean chkConnection()
```

Metodo di check della connessione al database

chkEmployeeCredentials

```
public static boolean chkEmployeeCredentials(java.lang.String user,  
                                              java.lang.String password)
```

Metodo di controllo per il login di un impiegato

Parameters:

user - chiave primaria impiegato

password - password impiegato

chkTemporaryPsw

```
public static boolean chkTemporaryPsw(java.lang.String user)
```

Metodo controllo per password temporanea di un impiegato {@link Employee}

Parameters:

user - chiave primaria impiegato

removeBus

```
public static void removeBus(java.lang.String busId)
```

Metodo di rimozione di un veicolo dal database {@link Bus}

Parameters:

busId - chiave primaria autobus

removeEmployee

```
public static void removeEmployee(java.lang.String cf)
```

Metodo di rimozione di un impiegato dal database {@link Employee}

Parameters:

cf - chiave primaria impiegato

removeLine

```
public static void removeLine(java.lang.String lineId)
```

Metodo di rimozione di una linea dal database {@link Line}

Parameters:

lineId - chiave primaria linea

removeStop

```
public static void removeStop(java.lang.String stopId)
```

Metodo di rimozione di una fermata dal database {@link Stop}

Parameters:

stopId - chiave primaria fermata

removeSubstitution

```
public static void removeSubstitution(Substitution sub)
```

Metodo di rimozione dal database delle sostituzioni {@link Substitution}

Parameters:

sub - sostituzione da rimuovere

resetEmployeePassword

```
public static void resetEmployeePassword(Employee emp,  
                                           java.lang.String newPassword)
```

Metodo di reset della password per un impiegato

Parameters:

emp - Impiegato a cui resettare la password

newPassword - nuova password (in automatico passata dal generatore casuale)

rmvTempShiftData

```
public static void rmvTempShiftData(ShiftTemporaryList stList)
```

Metodo di rimozione dal database di una turnazione temporanea {@link ShiftTemporaryList}

Parameters:

stList - lista temporanea di turnazioni

rtrvAvailableSubstitutionEmployee

```
public static java.util.ArrayList  
rtrvAvailableSubstitutionEmployee(java.lang.String date, int  
period)
```

Metodo di recupero dal database di una lista di autisti liberi per un dato giorno che possono effettuare una sostituzione per un eventuale turnazione temporanea {@link Employee}

Parameters:

period - fascia oraria in cui recuperare la corsa

rtrvBusData

```
public static Bus rtrvBusData(java.lang.String busID)
```

Metodo di restituzione dell'oggetto {@link Bus} data la chiave primaria

Parameters:

busID - Chiave primaria veicolo

rtrvBusList

```
public static java.util.ArrayList rtrvBusList()
```

Metodo di restituzione della lista dei mezzi attivi

rtrvEmployeeData

```
public static Employee rtrvEmployeeData(java.lang.String cf)
```

Metodo di restituzione dell'oggetto {@link Employee} data la chiave primaria

Parameters:

cf - Chiave primaria impiegato

rtrvEmployeeList

```
public static java.util.ArrayList rtrvEmployeeList()
```

Metodo di restituzione della lista degli impiegati

rtrvEmployeeShiftList

```
public static ShiftDefaultList rtrvEmployeeShiftList(java.lang.String  
employeeId)
```

Metodo di recupero dal database di una turnazione per un impiegato {@link ShiftDefaultList}

Parameters:

employeeId - impiegato per cui ottenere la turnazione

rtrvFreeBusList

```
public static java.util.ArrayList rtrvFreeBusList(int day)
```

Metodo di recupero dal database di una lista di mezzi liberi per un dato giorno {@link Bus}

Parameters:

day - giorno della settimana in cui recuperare la corsa

rtrvFreeEmployeeOnDay

```
public static java.util.ArrayList rtrvFreeEmployeeOnDay(int day)
```

Metodo di recupero dal database di una lista di autisti liberi per un dato giorno {@link Employee}

Parameters:

day - giorno della settimana in cui recuperare la corsa

rtrvLineData

```
public static Line rtrvLineData(java.lang.String lineID)
```

Metodo di restituzione dell'oggetto {@link Line} data la chiave primaria

Parameters:

lineID - chiave primaria linea

rtrvLineList

```
public static java.util.ArrayList rtrvLineList()
```

Metodo di restituzione della lista delle linee attive

rtrvMyShift

```
public static java.lang.String[] rtrvMyShift(java.lang.String employee)
```

Metodo di recupero dal database delle ore settimanali per l'impiegato

rtrvRideList

```
public static RideList rtrvRideList(java.lang.String lineId,  
                                   short day)
```

Metodo di recupero dal database di una lista di corse per un dato giorno ed una data linea {@link RideList}

Parameters:

lineId - linea di cui recuperare la corsa

day - giorno della settimana in cui recuperare la corsa

rtrvShiftDefaultList

```
public static ShiftDefaultList rtrvShiftDefaultList(java.lang.String  
employeeId)
```

Metodo di caricamento delle informazioni relative ai turni di un impiegato {@link Employee}, {@link ShiftDefaultList}

Parameters:

employeeId - chiave primaria impiegato

rtrvShiftTempList

```
public static java.util.ArrayList rtrvShiftTempList(java.lang.String  
employeeId)
```

Metodo di caricamento delle informazioni relative ai turni di un impiegato {@link Employee}, {@link ShiftTemporaryList}

Parameters:

employeeId - chiave primaria impiegato

rtrvShiftTempListOnDate

```
public static ShiftTemporaryList rtrvShiftTempListOnDate(java.lang.String  
empId,                                                                    java.util.Date date)
```

Metodo di caricamento delle informazioni relative ai turni di un impiegato in un giorno specifico
{@link Employee}

Parameters:

empld - chiave primaria impiegato
date - data

rtrvStopList

```
public static java.util.ArrayList rtrvStopList()
```

Metodo di restituzione della lista delle fermate attive

rtrvSubstitutionList

```
public static java.util.ArrayList rtrvSubstitutionList()
```

Metodo di recupero dal database della lista delle sostituzioni effettuate

rtrvUpcomingLines

```
public static java.util.ArrayList rtrvUpcomingLines(java.lang.String stopId)
```

Metodo di recupero dal database delle linee in arrivo per una certa fermata

saveBusData

```
public static void saveBusData(Bus bus)
```

Metodo di salvataggio dei dati di un nuovo veicolo {@link Bus}

Parameters:

bus - Autobus da aggiungere al database

saveDefaultScheduleData

```
public static void saveDefaultScheduleData(ShiftDefaultList oldS,  
                                           ShiftDefaultList newS)
```

Metodo di salvataggio nel database di una turnazione {@link ShiftDefaultList}

Parameters:

oldS - vecchio schema di turnazione

newS - nuovo schema di turnazione

saveEmployeeData

```
public static void saveEmployeeData(Employee emp)
```

Metodo di aggiornamento dei dati di un impiegato {@link Employee}

Parameters:

emp - Impiegato di cui aggiornare le informazioni

saveEmployeeData

```
public static void saveEmployeeData(Employee emp,  
                                   java.lang.String password)
```

Metodo di salvataggio di un nuovo impiegato {@link Employee}

Parameters:

emp - Impiegato da salvare nel database

password - nuova password (in automatico passata dal generatore casuale)

saveLineData

```
public static void saveLineData(Line line)
```

Metodo di salvataggio di una linea {@link Line}

Parameters:

line - Linea da aggiungere al database

saveOvertime

```
public static void saveOvertime(java.lang.String selectedEmployee,  
                                java.lang.String date,  
                                int hours)
```

Metodo di salvataggio nel database di turni straordinari per un impiegato

Parameters:

selectedEmployee - chiave primaria per {@link Employee}
date - data dello straordinario
hours - ore sostenute

saveRideList

```
public static void saveRideList(RideList rlist)
```

Metodo di salvataggio nel database di una lista di corse per un dato giorno ed una data linea
{@link RideList}

Parameters:

rlist - istanza di {@link RideList}

saveStopData

```
public static void saveStopData(Stop stop)
```

Metodo di salvataggio dei dati di una fermata {@link Stop}

Parameters:

stop - Fermata da aggiungere al database

saveSubstitutionData

```
public static void saveSubstitutionData(Substitution sub)
```

Metodo di salvataggio nel database delle sostituzioni {@link Substitution}

Parameters:

sub - sostituzione da salvare e applicare

saveTempShiftData

```
public static void saveTempShiftData(ShiftTemporaryList stList)
```

Metodo di salvataggio nel database di una turnazione temporanea {@link ShiftTemporaryList}

Parameters:

stList - lista temporanea di turnazioni

updateEmployeePassword

```
public static void updateEmployeePassword(Employee emp,  
                                             java.lang.String newPassword)
```

Metodo di aggiornamento della password di un impiegato

Parameters:

emp - Impiegato a cui aggiornare la password
newPassword - nuova password

updateLineData

```
public static void updateLineData(Line line)
```

Metodo di aggiornamento delle informazioni di una linea

Parameters:

line - linea da aggiornare

Package busnet.entity

Class Summary

[Bus](#)

[Employee](#)

[Line](#)

[Ride](#)

[RideList](#)

[ShiftDefaultList](#)

[ShiftTemporaryList](#)

[Stop](#)

[Substitution](#)

[UpcomingLine](#)

busnet.entity

Class Bus

```
java.lang.Object
|
+--busnet.entity.Bus
```

< [Constructors](#) > < [Methods](#) >

```
public class Bus
extends java.lang.Object
```

Constructors

Bus

```
public Bus(java.lang.String busID,  
           java.lang.String type,  
           java.lang.String model,  
           boolean active)
```

Methods

getBusID

```
public java.lang.String getBusID()
```

getModel

```
public java.lang.String getModel()
```

getType

```
public java.lang.String getType()
```

isActive

```
public boolean isActive()
```

setActive

```
public void setActive(boolean active)
```

setBusID

```
public void setBusID(java.lang.String busID)
```

setModel

```
public void setModel(java.lang.String model)
```

setType

```
public void setType(java.lang.String type)
```

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

busnet.entity

Class Employee

```
java.lang.Object
|
+--busnet.entity.Employee
```

< [Constructors](#) > < [Methods](#) >

```
public class Employee
extends java.lang.Object
```

Constructors

Employee

```
public Employee()
```

Employee

```
public Employee(java.lang.String cf,  
                java.lang.String name,  
                java.lang.String surname,  
                java.lang.String birthplace,  
                java.lang.String birthday,  
                java.lang.String hiring_date,  
                double salary,  
                java.lang.String role,  
                short permission,  
                java.lang.String email)
```

Methods

getBirthday

```
public java.lang.String getBirthday()
```

getCf

```
public java.lang.String getCf()
```

getEmail

```
public java.lang.String getEmail()
```

getHiring_date

```
public java.lang.String getHiring_date()
```

getIban

```
public java.lang.String getIban()
```

getName

```
public java.lang.String getName()
```

getPermission

```
public short getPermission()
```

getRole

```
public java.lang.String getRole()
```

getSalary

```
public double getSalary()
```

getSurname

```
public java.lang.String getSurname()
```

setBirthday

```
public void setBirthday(java.lang.String birthday)
```

setCf

```
public void setCf(java.lang.String cf)
```

setEmail

```
public void setEmail(java.lang.String email)
```

setHiring_date

```
public void setHiring_date(java.lang.String hiring_date)
```

setIban

```
public void setIban(java.lang.String iban)
```

setName

```
public void setName(java.lang.String name)
```

setPermission

```
public void setPermission(short permission)
```

setRole

```
public void setRole(java.lang.String role)
```

setSalary

```
public void setSalary(double salary)
```

setSurname

```
public void setSurname(java.lang.String surname)
```

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

busnet.entity

Class Line

```
java.lang.Object
|
+--busnet.entity.Line
```

< [Constructors](#) > < [Methods](#) >

```
public class Line
extends java.lang.Object
```

Constructors

Line

```
public Line()
```

Line

```
public Line(java.lang.String lineId,
            int time)
```

Line

```
public Line(java.lang.String lineId,
            int time,
            java.util.List timeList,
            java.util.List stopList)
```

Methods

addStop

```
public void addStop(Stop stop,  
                   int time)
```

getHours

```
public int getHours()
```

getHours

```
public int getHours(int i)
```

getLineId

```
public java.lang.String getLineId()
```

getMinutes

```
public int getMinutes()
```

getMinutes

```
public int getMinutes(int i)
```

getStopList

```
public java.util.List getStopList()
```

getTimeList

```
public java.util.List getTimeList()
```

removeStop

```
public void removeStop(int i)
```

setLineId

```
public void setLineId(java.lang.String lineId)
```

setTime

```
public void setTime(int time)
```

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

busnet.entity

Class Ride

```
java.lang.Object
|
+--busnet.entity.Ride
```

< [Constructors](#) > < [Methods](#) >

```
public class Ride
extends java.lang.Object
```

Constructors

Ride

```
public Ride()
```

Ride

```
public Ride(java.lang.String startTime)
```

Methods

delEmployeeShift

```
public void delEmployeeShift(int period)
```

getEmployeeShift

```
public java.lang.String getEmployeeShift(int period)
```

getStartTime

```
public java.lang.String getStartTime()
```

setEmployeeShift

```
public void setEmployeeShift(int period,  
                             java.lang.String employeeShift)
```

setStartTime

```
public void setStartTime(java.lang.String startTime)
```

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

busnet.entity

Class RideList

```
java.lang.Object
|
+--busnet.entity.RideList
```

< [Constructors](#) > < [Methods](#) >

```
public class RideList
extends java.lang.Object
```

Constructors

RideList

```
public RideList(java.lang.String lineId,
                int day)
```

Methods

deleteRide

```
public void deleteRide(java.lang.String busId)
```

getDay

```
public int getDay()
```

getLineId

```
public java.lang.String getLineId()
```

getMap

```
public java.util.Map getMap()
```

getRidesSize

```
public int getRidesSize()
```

peekBus

```
public java.lang.String peekBus(int i)
```

peekRide

```
public Ride peekRide(int i)
```

peekRide

```
public Ride peekRide(java.lang.String busId)
```

pushRide

```
public void pushRide(java.lang.String busId,  
                     Ride ride)
```

setDay

```
public void setDay(int day)
```

setLineId

```
public void setLineId(java.lang.String lineId)
```

setMap

```
public void setMap(java.util.Map map)
```

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

busnet.entity

Class ShiftDefaultList

```
java.lang.Object  
|  
+--busnet.entity.ShiftDefaultList
```

< [Fields](#) > < [Constructors](#) > < [Methods](#) >

```
public class ShiftDefaultList  
extends java.lang.Object
```

Fields

periodsNum

```
public static final int periodsNum
```

Constructors

ShiftDefaultList

```
public ShiftDefaultList(java.lang.String employeeId)
```

Methods

delShift

```
public void delShift(int day,  
                    int period)
```

getEmployeeId

```
public java.lang.String getEmployeeId()
```

getShift

```
public boolean getShift(int day,  
                       int period)
```

setEmployeeId

```
public void setEmployeeId(java.lang.String employeeId)
```

setShift

```
public void setShift(int day,  
                    int period)
```

busnet.entity

Class ShiftTemporaryList

```
java.lang.Object
|
+--busnet.entity.ShiftTemporaryList
```

< [Fields](#) > < [Constructors](#) > < [Methods](#) >

```
public class ShiftTemporaryList
extends java.lang.Object
```

Fields

periodsNum

```
public static final int periodsNum
```

Constructors

ShiftTemporaryList

```
public ShiftTemporaryList(java.lang.String employeeId,
                           java.lang.String date)
```

Methods

delShift

```
public void delShift(int period)
```

getDate

```
public java.lang.String getDate()
```

getEmployeeId

```
public java.lang.String getEmployeeId()
```

getShift

```
public boolean getShift(int period)
```

setDate

```
public void setDate(java.lang.String date)
```

setEmployeeId

```
public void setEmployeeId(java.lang.String employeeId)
```

setShift

```
public void setShift(int period)
```

busnet.entity

Class Stop

```
java.lang.Object  
|  
+--busnet.entity.Stop
```

< [Constructors](#) > < [Methods](#) >

```
public class Stop  
extends java.lang.Object
```

Constructors

Stop

```
public Stop()
```

Stop

```
public Stop(java.lang.String stopId,  
            java.lang.String stopName)
```

Methods

getStopId

```
public java.lang.String getStopId()
```

getStopName

```
public java.lang.String getStopName()
```

setStopId

```
public void setStopId(java.lang.String stopId)
```

setStopName

```
public void setStopName(java.lang.String stopName)
```

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

busnet.entity

Class Substitution

```
java.lang.Object
|
+--busnet.entity.Substitution
```

< [Constructors](#) > < [Methods](#) >

```
public class Substitution
extends java.lang.Object
```

Constructors

Substitution

```
public Substitution()
```

Methods

getBusId

```
public java.lang.String getBusId()
```

getLineId

```
public java.lang.String getLineId()
```

getMissingDriver

```
public java.lang.String getMissingDriver()
```

getPeriod

```
public int getPeriod()
```

getShiftDate

```
public java.lang.String getShiftDate()
```

getSubDriver

```
public java.lang.String getSubDriver()
```

setBusId

```
public void setBusId(java.lang.String busId)
```

setLineId

```
public void setLineId(java.lang.String lineId)
```

setMissingDriver

```
public void setMissingDriver(java.lang.String missingDriver)
```

setPeriod

```
public void setPeriod(int period)
```

setShiftDate

```
public void setShiftDate(java.lang.String shiftDate)
```

setSubDriver

```
public void setSubDriver(java.lang.String subDriver)
```

busnet.entity

Class UpcomingLine

```
java.lang.Object  
|  
+--busnet.entity.UpcomingLine
```

< [Constructors](#) > < [Methods](#) >

```
public class UpcomingLine  
extends java.lang.Object
```

Constructors

UpcomingLine

```
public UpcomingLine()
```

Methods

getLine

```
public java.lang.String getLine()
```

getTimeToArrive

```
public int getTimeToArrive()
```

setLine

```
public void setLine(java.lang.String line)
```

setTimeToArrive

```
public void setTimeToArrive(int timeToArrive)
```

Package busnet.exception

Class Summary

[ConnectionDownException](#)

busnet.exception

Class ConnectionDownException

```
java.lang.Object
|
+-- java.lang.Throwable
|   |
|   +-- java.lang.Exception
|       |
|       +-- busnet.exception.ConnectionDownException
```

All Implemented Interfaces:

java.io.Serializable

< [Constructors](#) >

```
public class ConnectionDownException
extends java.lang.Exception
```

Constructors

ConnectionDownException

```
public ConnectionDownException(java.lang.String message)
```

Package busnet.features.employeeManagement

Class Summary

[EmployeeDataWindow](#)

[EmployeesWindow](#)

[ManageEmployeeControl](#)

[SalaryWindow](#)

busnet.features.employeeManagement

Class EmployeeDataWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.employeeManagement.EmployeeDataWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **EmployeeDataWindow**
extends [Window](#)

Constructors

EmployeeDataWindow

```
public EmployeeDataWindow()
```

EmployeeDataWindow

```
public EmployeeDataWindow(Employee emp)
```

Methods

confirm

```
public abstract void confirm()
```

getCfField

```
public javax.swing.JTextField getCfField()
```

getChkEmployee

```
public CheckBox getChkEmployee()
```

getChkLine

```
public CheckBox getChkLine()
```

getChkRide

```
public CheckBox getChkRide()
```

getChkTurn

```
public CheckBox getChkTurn()
```

getDayField

```
public javax.swing.JComboBox getDayField()
```

getEmp

```
public Employee getEmp()
```

getHiringDateLabel

```
public Label getHiringDateLabel()
```

getIbanField

```
public javax.swing.JTextField getIbanField()
```

getMailField

```
public javax.swing.JTextField getMailField()
```

getMonthField

```
public javax.swing.JComboBox getMonthField()
```

getNameField

```
public javax.swing.JTextField getNameField()
```

getRoleField

```
public javax.swing.JTextField getRoleField()
```

getSalaryField

```
public javax.swing.JTextField getSalaryField()
```

getSurnameField

```
public javax.swing.JTextField getSurnameField()
```

getYearField

```
public TextField getYearField()
```

init

```
public void init()
```

isNewEmployee

```
public boolean isNewEmployee()
```

setEditable

```
public void setEditable(boolean b)
```

setEmp

```
public void setEmp(Employee emp)
```

setNewEmployee

```
public void setNewEmployee(boolean newEmployee)
```

busnet.features.employeeManagement

Class EmployeesWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.employeeManagement.EmployeesWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public abstract class EmployeesWindow
extends Window
```

Constructors

EmployeesWindow

```
public EmployeesWindow(java.util.ArrayList empList)
```

Methods

clickAddEmployeeButton

```
public abstract void clickAddEmployeeButton()
```

clickCalculateSalaryBtn

```
public abstract void clickCalculateSalaryBtn()
```

clickDelEmployeeButton

```
public abstract void clickDelEmployeeButton()
```

clickResetPasswordButton

```
public abstract void clickResetPasswordButton()
```

clickShowEmployeeButton

```
public abstract void clickShowEmployeeButton()
```

clickuUpdateEmployeeButton

```
public abstract void clickuUpdateEmployeeButton()
```

getEmpList

```
public java.util.ArrayList getEmpList()
```

getTable

```
public javax.swing.JTable getTable()
```

loadTable

```
public void loadTable()
```

searchEmployee

```
public void searchEmployee()
```

setEmpList

```
public void setEmpList(java.util.ArrayList empList)
```

setTable

```
public void setTable(javax.swing.JTable table)
```

busnet.features.employeeManagement

Class ManageEmployeeControl

```
java.lang.Object
|
+--busnet.features.employeeManagement.ManageEmployeeControl
```

< [Constructors](#) > < [Methods](#) >

```
public class ManageEmployeeControl
extends java.lang.Object
```

Constructors

ManageEmployeeControl

```
public ManageEmployeeControl()
```

Methods

newEmployee

```
public void newEmployee()
```

rmvEmployee

```
public void rmvEmployee()
```

rtrvEmployeeList

```
public java.util.ArrayList rtrvEmployeeList()
```

saveEmployee

```
public void saveEmployee()
```

showEmployeeData

```
public void showEmployeeData(boolean modify)
```

showWindow

```
public void showWindow()
```

updateEmployee

```
public void updateEmployee(boolean modify)
```

busnet.features.employeeManagement

Class SalaryWindow

```
java.lang.Object
|-- java.awt.Component
    |-- java.awt.Container
        |-- java.awt.Window
            |-- java.awt.Dialog
                |-- javax.swing.JDialog
                    |-- Window
                        |-- busnet.features.employeeManagement.SalaryWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **SalaryWindow**
extends [Window](#)

Constructors

SalaryWindow

public **SalaryWindow**(java.lang.String employee)

Methods

calc

public abstract void **calc**()

getHoursField

public javax.swing.JLabel **getHoursField**()

getIbanField

```
public javax.swing.JLabel getIbanField()
```

getMonthField

```
public javax.swing.JComboBox getMonthField()
```

getSalaryField

```
public javax.swing.JLabel getSalaryField()
```

getStraordinaryField

```
public javax.swing.JLabel getStraordinaryField()
```

getTotalField

```
public javax.swing.JLabel getTotalField()
```

getYearField

```
public javax.swing.JTextField getYearField()
```

Package busnet.features.lineManagement

Class Summary

[BusDataWindow](#)

[LineDataWindow](#)

[ManageBusPanel](#)

[ManageLinesControl](#)

[ManageLinesPanel](#)

[ManageLinesWindow](#)

[ManageStopsPanel](#)

[StopDataWindow](#)

busnet.features.lineManagement

Class BusDataWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.lineManagement.BusDataWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **BusDataWindow**
extends [Window](#)

Constructors

BusDataWindow

```
public BusDataWindow()
```

Methods

confirm

```
public abstract void confirm()
```

getIsActiveBox

```
public CheckBox getIsActiveBox()
```

getModelField

```
public TextField getModelField()
```

getPlateField

```
public javax.swing.JTextField getPlateField()
```

getTypeBox

```
public javax.swing.JComboBox getTypeBox()
```

busnet.features.lineManagement

Class LineDataWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.lineManagement.LineDataWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **LineDataWindow**
extends [Window](#)

Constructors

LineDataWindow

public **LineDataWindow**()

LineDataWindow

public **LineDataWindow**([Line](#) line)

Methods

confirm

public abstract void **confirm**()

getLineIdField

```
public javax.swing.JTextField getLineIdField()
```

getTable

```
public javax.swing.JTable getTable()
```

init

```
public void init()
```

loadStops

```
public void loadStops()
```

setTable

```
public void setTable(javax.swing.JTable table)
```

busnet.features.lineManagement

Class ManageBusPanel

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.features.lineManagement.ManageBusPanel
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

public abstract class **ManageBusPanel**
extends javax.swing.JPanel

Constructors

ManageBusPanel

public **ManageBusPanel**(java.util.ArrayList busList)

Methods

clickAddBtn

public abstract void **clickAddBtn**()

clickDelBtn

public abstract void **clickDelBtn**()

getBusList

```
public java.util.ArrayList getBusList()
```

getSearchBar

```
public javax.swing.JTextField getSearchBar()
```

getTable

```
public javax.swing.JTable getTable()
```

init

```
public void init()
```

loadBusInfo

```
public void loadBusInfo()
```

loadTable

```
public void loadTable()
```

searchBus

```
public void searchBus()
```

setBusList

```
public void setBusList(java.util.ArrayList busList)
```

setSearchBar

```
public void setSearchBar(javax.swing.JTextField searchBar)
```

busnet.features.lineManagement

Class ManageLinesControl

```
java.lang.Object
|
+--busnet.features.lineManagement.ManageLinesControl
```

< [Constructors](#) > < [Methods](#) >

```
public class ManageLinesControl
extends java.lang.Object
```

Constructors

ManageLinesControl

```
public ManageLinesControl()
```

Methods

deleteBus

```
public void deleteBus()
```

deleteLine

```
public void deleteLine()
```

deleteStop

```
public void deleteStop()
```

getLdWindow

```
public LineDataWindow getLdWindow()
```

getSdWindow

```
public StopDataWindow getSdWindow()
```

saveBus

```
public void saveBus()
```

saveLine

```
public void saveLine()
```

saveStop

```
public void saveStop()
```

setLdWindow

```
public void setLdWindow(LineDataWindow ldWindow)
```

setSdWindow

```
public void setSdWindow(StopDataWindow sdWindow)
```

updateBusTable

```
public void updateBusTable()
```

updateLine

```
public void updateLine()
```

updateLineTable

```
public void updateLineTable()
```

updateStopTable

```
public void updateStopTable()
```

busnet.features.lineManagement

Class ManageLinesPanel

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.features.lineManagement.ManageLinesPanel
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public abstract class ManageLinesPanel
extends javax.swing.JPanel
```

Constructors

ManageLinesPanel

```
public ManageLinesPanel(java.util.ArrayList lineList)
```

Methods

addLine

```
public abstract void addLine()
```

getLList

```
public LinkedList getLList()
```

getLineList

```
public java.util.ArrayList getLineList()
```

init

```
public void init()
```

modifyLine

```
public abstract void modifyLine()
```

removeLine

```
public abstract void removeLine()
```

setLList

```
public void setLList(LinkedList lList)
```

setLineList

```
public void setLineList(java.util.ArrayList lineList)
```

updateLineList

```
public void updateLineList()
```

busnet.features.lineManagement

Class ManageLinesWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.lineManagement.ManageLinesWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public abstract class ManageLinesWindow  
extends Window
```

Constructors

ManageLinesWindow

```
public ManageLinesWindow(java.util.ArrayList lineList,  
                          java.util.ArrayList stopList,  
                          java.util.ArrayList busList)
```

Methods

clickAddBusBtn

```
public abstract void clickAddBusBtn()
```

clickAddLineBtn

```
public abstract void clickAddLineBtn()
```

clickAddStopBtn

```
public abstract void clickAddStopBtn()
```

clickDelBusBtn

```
public abstract void clickDelBusBtn()
```

clickDelStopBtn

```
public abstract void clickDelStopBtn()
```

clickRemoveLineBtn

```
public abstract void clickRemoveLineBtn()
```

clickUpdateLineBtn

```
public abstract void clickUpdateLineBtn()
```

getMbPanel

```
public ManageBusPanel getMbPanel()
```

getMlPanel

```
public ManageLinesPanel getMlPanel()
```

getMsPanel

```
public ManageStopsPanel getMsPanel()
```

setPanel

```
public void setPanel(java.lang.String panelName)
```

busnet.features.lineManagement

Class ManageStopsPanel

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.features.lineManagement.ManageStopsPanel
```

All Implemented Interfaces:

```
java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler
```

< [Constructors](#) > < [Methods](#) >

```
public abstract class ManageStopsPanel  
extends javax.swing.JPanel
```

Constructors

ManageStopsPanel

```
public ManageStopsPanel(java.util.ArrayList stopList)
```

Methods

clickAddBtn

```
public abstract void clickAddBtn()
```

clickDelBtn

```
public abstract void clickDelBtn()
```

getSearchBar

```
public javax.swing.JTextField getSearchBar()
```

getStopList

```
public java.util.ArrayList getStopList()
```

getTable

```
public javax.swing.JTable getTable()
```

init

```
public void init()
```

loadTable

```
public void loadTable()
```

searchStop

```
public void searchStop()
```

setSearchBar

```
public void setSearchBar(javax.swing.JTextField searchBar)
```

setStopList

```
public void setStopList(java.util.ArrayList stopList)
```

setTable

```
public void setTable(javax.swing.JTable table)
```

busnet.features.lineManagement

Class StopDataWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.lineManagement.StopDataWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **StopDataWindow**
extends [Window](#)

Constructors

StopDataWindow

public **StopDataWindow**()

Methods

confirm

public abstract void **confirm**()

getStopIdField

public javax.swing.JTextField **getStopIdField**()

getStopNameField

```
public javax.swing.JTextField getStopNameField()
```

Package busnet.features.ridesManagement

Class Summary

[ManageRidesControl](#)

[ManageRidesDataWindow](#)

[ManageRidesWindow](#)

[SubstitutionWindow](#)

busnet.features.ridesManagement

Class ManageRidesControl

```
java.lang.Object
|
+--busnet.features.ridesManagement.ManageRidesControl
```

< [Constructors](#) > < [Methods](#) >

```
public class ManageRidesControl
extends java.lang.Object
```

Constructors

ManageRidesControl

```
public ManageRidesControl()
```

Methods

getDaySelected

```
public int getDaySelected()
```

getLineList

```
public java.util.ArrayList getLineList()
```

getSelectedLine

```
public Line getSelectedLine()
```

busnet.features.ridesManagement

Class ManageRidesDataWindow

```

java.lang.Object
|-- java.awt.Component
|   |-- java.awt.Container
|       |-- java.awt.Window
|           |-- java.awt.Dialog
|               |-- javax.swing.JDialog
|                   |-- Window
|                       |-- busnet.features.ridesManagement.ManageRidesDataWindow

```

All Implemented Interfaces:

```
java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants
```

< Constructors > < Methods >

```
public abstract class ManageRidesDataWindow
extends Window
```

Constructors

ManageRidesDataWindow

```
public ManageRidesDataWindow(RideList rList,  
                             java.util.ArrayList availableEmployee)
```


Methods

addBus

```
public abstract void addBus()
```

addRide

```
public abstract void addRide(int i,  
                             int j)
```

delRide

```
public abstract void delRide(int i,  
                             int j)
```

getAvailableEmployee

```
public java.util.ArrayList getAvailableEmployee(int period)
```

getRideTabPanel

```
public RideTable getRideTabPanel()
```

getrList

```
public RideList getrList()
```

init

```
public void init()
```

save

```
public abstract void save()
```

setRideTabPanel

```
public void setRideTabPanel(RideTable rideTabPanel)
```

setrList

```
public void setrList(RideList rList)
```

busnet.features.ridesManagement

Class ManageRidesWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.ridesManagement.ManageRidesWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public abstract class ManageRidesWindow  
extends Window
```

Constructors

ManageRidesWindow

```
public ManageRidesWindow(java.util.ArrayList lineList)
```

Methods

checkSubstitutions

```
public abstract void checkSubstitutions()
```

confirm

```
public abstract void confirm()
```

getDaySelected

```
public int getDaySelected()
```

getLineList

```
public java.util.ArrayList getLineList()
```

getLineSelected

```
public java.lang.String getLineSelected()
```

getTabSelectionList

```
public LineList getTabSelectionList()
```

init

```
public void init()
```

notifySubstitution

```
public void notifySubstitution(boolean blink)
```

setDaySelected

```
public void setDaySelected(int daySelected)
```

setLineList

```
public void setLineList(java.util.ArrayList lineList)
```

setLineSelected

```
public void setLineSelected(java.lang.String lineSelected)
```

setTabSelectionList

```
public void setTabSelectionList(LineList tabSelectionList)
```

showSubstitutionWindow

```
public abstract void showSubstitutionWindow()
```

busnet.features.ridesManagement

Class SubstitutionWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.ridesManagement.SubstitutionWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **SubstitutionWindow**
extends [Window](#)

Constructors

SubstitutionWindow

public **SubstitutionWindow**(java.util.ArrayList subList)

Methods

doSubstitutionClickBtn

public abstract void **doSubstitutionClickBtn**()

getAvailableEmpList

public java.util.ArrayList **getAvailableEmpList**()

getSubList

```
public java.util.ArrayList getSubList()
```

getTable

```
public javax.swing.JTable getTable()
```

init

```
public void init()
```

loadTable

```
public void loadTable()
```

removeSubstitutionClickBtn

```
public abstract void removeSubstitutionClickBtn()
```

setAvailableEmpList

```
public void setAvailableEmpList(java.util.ArrayList availableEmpList)
```

setSubList

```
public void setSubList(java.util.ArrayList subList)
```

setTable

```
public void setTable(javax.swing.JTable table)
```

Package busnet.features.shiftManagement

Class Summary

[DefaultScheduleDataWindow](#)

[ManageScheduleControl](#)

[ManageScheduleWindow](#)

[ManageTemporaryScheduleWindow](#)

[MyShiftWindow](#)

[OvertimeWindow](#)

[TemporaryScheduleDataWindow](#)

busnet.features.shiftManagement

Class DefaultScheduleDataWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.shiftManagement.DefaultScheduleDataWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **DefaultScheduleDataWindow**
extends [Window](#)

Constructors

DefaultScheduleDataWindow

```
public DefaultScheduleDataWindow(ShiftDefaultList sdList)
```

Methods

confirm

```
public abstract void confirm()
```

getOldsdList

```
public ShiftDefaultList getOldsdList()
```

getSdList

```
public ShiftDefaultList getSdList()
```

getShiftTable

```
public DefaultScheduleTable getShiftTable()
```

init

```
public void init()
```

setOldsdList

```
public void setOldsdList(ShiftDefaultList oldsdList)
```

setSdList

```
public void setSdList(ShiftDefaultList sdList)
```

setShiftTable

```
public void setShiftTable(DefaultScheduleTable shiftTable)
```

busnet.features.shiftManagement

Class ManageScheduleControl

```
java.lang.Object
|
+--busnet.features.shiftManagement.ManageScheduleControl
```

< [Constructors](#) >

```
public class ManageScheduleControl
extends java.lang.Object
```

Constructors

ManageScheduleControl

```
public ManageScheduleControl()
```

busnet.features.shiftManagement

Class ManageScheduleWindow

```
java.lang.Object
|-- java.awt.Component
|   |-- java.awt.Container
|       |-- java.awt.Window
|           |-- java.awt.Dialog
|               |-- javax.swing.JDialog
|                   |-- Window
|                       |-- busnet.features.shiftManagement.ManageScheduleWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **ManageScheduleWindow**
extends [Window](#)

Constructors

ManageScheduleWindow

public **ManageScheduleWindow**(java.util.ArrayList employeeList)

Methods

addOvertimeClickBtn

public abstract void **addOvertimeClickBtn**()

clickManageTemporarySchedule

public abstract void **clickManageTemporarySchedule**()

clickUpdateDefaultSchedule

```
public abstract void clickUpdateDefaultSchedule()
```

getEmployeeList

```
public java.util.ArrayList getEmployeeList()
```

getSearchBar

```
public javax.swing.JTextField getSearchBar()
```

getTable

```
public javax.swing.JTable getTable()
```

loadTable

```
public void loadTable()
```

searchEmployee

```
public void searchEmployee()
```

setEmployeeList

```
public void setEmployeeList(java.util.ArrayList employeeList)
```

setSearchBar

```
public void setSearchBar(javax.swing.JTextField searchBar)
```

setTable

```
public void setTable(javax.swing.JTable table)
```

busnet.features.shiftManagement

Class ManageTemporaryScheduleWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.shiftManagement.ManageTemporaryScheduleWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public abstract class ManageTemporaryScheduleWindow
extends Window
```

Constructors

ManageTemporaryScheduleWindow

```
public ManageTemporaryScheduleWindow(java.util.ArrayList stList)
```

Methods

addTemporaryShift

```
public abstract void addTemporaryShift()
```

getStList

```
public java.util.ArrayList getStList()
```

getTable

```
public javax.swing.JTable getTable()
```

init

```
public void init()
```

loadTable

```
public void loadTable()
```

rmvTemporaryShift

```
public abstract void rmvTemporaryShift()
```

setStList

```
public void setStList(java.util.ArrayList stList)
```

setTable

```
public void setTable(javax.swing.JTable table)
```

showTemporaryShift

```
public abstract void showTemporaryShift()
```

busnet.features.shiftManagement

Class MyShiftWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.shiftManagement.MyShiftWindow
```

All Implemented Interfaces:

```
java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants
```

< [Constructors](#) >

```
public class MyShiftWindow
extends Window
```

Constructors

MyShiftWindow

```
public MyShiftWindow(java.lang.String[] shift)
```

busnet.features.shiftManagement

Class OvertimeWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.shiftManagement.OvertimeWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **OvertimeWindow**
extends [Window](#)

Constructors

OvertimeWindow

public **OvertimeWindow**(java.lang.String employee)

Methods

addOvertimeClickBtn

public abstract void **addOvertimeClickBtn**()

getDayField

public javax.swing.JComboBox **getDayField**()

getHoursField

```
public javax.swing.JTextField getHoursField()
```

getMonthField

```
public javax.swing.JComboBox getMonthField()
```

getYearField

```
public javax.swing.JTextField getYearField()
```

setDayField

```
public void setDayField(javax.swing.JComboBox dayField)
```

setHoursField

```
public void setHoursField(javax.swing.JTextField hoursField)
```

setMonthField

```
public void setMonthField(javax.swing.JComboBox monthField)
```

setYearField

```
public void setYearField(javax.swing.JTextField yearField)
```

busnet.features.shiftManagement

Class TemporaryScheduleDataWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.features.shiftManagement.TemporaryScheduleDataWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **TemporaryScheduleDataWindow**
extends [Window](#)

Constructors

TemporaryScheduleDataWindow

public **TemporaryScheduleDataWindow**()

TemporaryScheduleDataWindow

public **TemporaryScheduleDataWindow**(boolean modify)

Methods

clickBtnDone

public abstract void **clickBtnDone**()

confirm

```
public abstract void confirm()
```

getDayField

```
public javax.swing.JComboBox getDayField()
```

getMonthField

```
public javax.swing.JComboBox getMonthField()
```

getStList

```
public ShiftTemporaryList getStList()
```

getTsTable

```
public TemporaryScheduleTable getTsTable()
```

getYearField

```
public TextField getYearField()
```

init

```
public void init()
```

setDayField

```
public void setDayField(javax.swing.JComboBox dayField)
```

setMonthField

```
public void setMonthField(javax.swing.JComboBox monthField)
```

setStList

```
public void setStList(ShiftTemporaryList stList)
```

setTsTable

```
public void setTsTable(TemporaryScheduleTable tsTable)
```

setYearField

```
public void setYearField(TextField yearField)
```

Package busnet.guiElements

Class Summary

[AddNewBusWindow](#)

[AddRideWindow](#)

[AddSubstitutionWindow](#)

[BigButton](#)

[Button](#)

[CheckBox](#)

[DefaultScheduleTable](#)

[IconButton](#)

[Label](#)

[LineList](#)

[PasswordField](#)

[PlateHolder](#)

[RideTab](#)

[RideTable](#)

[ShiftTab](#)

[StackTraceFrame](#)

[TemporaryScheduleTable](#)

[TextField](#)

[Window](#)

[WrapperPanel](#)

busnet.guiElements

Class AddNewBusWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.guiElements.AddNewBusWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

public abstract class **AddNewBusWindow**
extends [Window](#)

Constructors

AddNewBusWindow

public **AddNewBusWindow**(java.util.ArrayList availableBusList)

Methods

clickAddBusBtn

public abstract void **clickAddBusBtn**()

getBusSelected

public java.lang.String **getBusSelected**()

getComboBox

```
public javax.swing.JComboBox getComboBox()
```

setBusSelected

```
public void setBusSelected(java.lang.String busSelected)
```

setComboBox

```
public void setComboBox(javax.swing.JComboBox comboBox)
```

busnet.guiElements

Class AddRideWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.guiElements.AddRideWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public abstract class AddRideWindow
extends Window
```

Constructors

AddRideWindow

```
public AddRideWindow(java.util.ArrayList availableEmployeeList)
```

Methods

clickAddDriverBtn

```
public abstract void clickAddDriverBtn()
```

getComboBox

```
public javax.swing.JComboBox getComboBox()
```

setComboBox

```
public void setComboBox(javax.swing.JComboBox comboBox)
```

busnet.guiElements

Class AddSubstitutionWindow

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- Window
|                       |
|                       +-- busnet.guiElements.AddSubstitutionWindow
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler, HasGetTransferHandler, javax.swing.WindowConstants

```
public abstract class AddSubstitutionWindow  
extends Window
```

Constructors

AddSubstitutionWindow

```
public AddSubstitutionWindow(java.util.ArrayList empList)
```

Methods

chose

```
public abstract void chose()
```

getComboBox

```
public javax.swing.JComboBox getComboBox()
```

getEmpList

```
public java.util.ArrayList getEmpList()
```

setComboBox

```
public void setComboBox(javax.swing.JComboBox comboBox)
```

setEmpList

```
public void setEmpList(java.util.ArrayList empList)
```

busnet.guiElements

Class BigButton

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.BigButton
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public class BigButton
extends javax.swing.JPanel
```

Constructors

BigButton

```
public BigButton(java.lang.String littleText,
                 java.lang.String bigText)
```

BigButton

```
public BigButton(java.lang.String text,
                 javax.swing.ImageIcon icon)
```

Methods

click

```
public void click()
```

init

```
public void init()
```

busnet.guiElements

Class Button

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.Button
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public class Button
extends javax.swing.JPanel
```

Constructors

Button

```
public Button()
```

Button

```
public Button(java.lang.String text)
```

Methods

click

```
public void click()
```

init

```
public void init()
```

isPressed

```
public boolean isPressed()
```

setButtonFont

```
public void setButtonFont(java.awt.Font font)
```

setIcon

```
public void setIcon(java.lang.String imageName)
```

setPressed

```
public void setPressed(boolean pressed)
```

setText

```
public void setText(java.lang.String text)
```

busnet.guiElements

Class CheckBox

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.CheckBox
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public class CheckBox
extends javax.swing.JPanel
```

Constructors

CheckBox

```
public CheckBox(java.lang.String txt)
```

Methods

click

```
public void click()
```

isEditable

```
public boolean isEditable()
```

isEnabled

```
public boolean isEnabled()
```

Overrides:

isEnabled in class java.awt.Component

setEditable

```
public void setEditable(boolean editable)
```

setEnabled

```
public void setEnabled(boolean enabled)
```

Overrides:

setEnabled in class javax.swing.JComponent

busnet.guiElements

Class DefaultScheduleTable

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.DefaultScheduleTable
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public abstract class DefaultScheduleTable
extends javax.swing.JPanel
```

Constructors

DefaultScheduleTable

```
public DefaultScheduleTable(ShiftDefaultList sdList)
```

Methods

addShift

```
public void addShift(int i,  
                    int j)
```

getDayHours

```
public int[] getDayHours()
```

getSdList

```
public ShiftDefaultList getSdList()
```

getTotalHours

```
public int getTotalHours()
```

init

```
public void init()
```

refreshShift

```
public void refreshShift()
```

removeShift

```
public void removeShift(int i,  
                        int j)
```

setDayHours

```
public void setDayHours(int[] dayHours)
```

setSdList

```
public void setSdList(ShiftDefaultList sdList)
```

setTotalHours

```
public void setTotalHours(int totalHours)
```

toggleShift

```
public void toggleShift(int i,  
                        int j)
```

updateTotalHours

```
public abstract void updateTotalHours()
```

busnet.guiElements

Class IconButton

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.IconButton
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

public abstract class **IconButton**
extends javax.swing.JPanel

Constructors

IconButton

```
public IconButton(java.lang.String text,  
                  java.lang.String icon)
```

Methods

click

```
public abstract void click()
```

init

```
public void init()
```

isActive

```
public boolean isActive()
```

isSelected

```
public boolean isSelected()
```

setActive

```
public void setActive(boolean active)
```

setButtonFont

```
public void setButtonFont(java.awt.Font font)
```

setIcon

```
public void setIcon(java.lang.String imageName)
```

setSelected

```
public void setSelected(boolean selected)
```

setText

```
public void setText(java.lang.String text)
```

busnet.guiElements

Class Label

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JLabel
|               |
|               +-- busnet.guiElements.Label
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.SwingConstants,
javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) >

```
public class Label
extends javax.swing.JLabel
```

Constructors

Label

```
public Label(java.lang.String s)
```

busnet.guiElements

Class LineList

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.LineList
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

public abstract class **LineList**
extends javax.swing.JPanel

Constructors

LineList

public **LineList**(java.util.ArrayList lineList)

Methods

clickSelectBtn

public abstract void **clickSelectBtn**()

getLineIdSelected

public java.lang.String **getLineIdSelected**()

getLineList

```
public java.util.ArrayList getLineList()
```

setLineList

```
public void setLineList(java.util.ArrayList lineList)
```

busnet.guiElements

Class PasswordField

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.text.JTextComponent
|               |
|               +-- javax.swing.JTextField
|                   |
|                   +-- javax.swing.JPasswordField
|                       |
|                       +-- busnet.guiElements.PasswordField
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.Scrollable, javax.swing.SwingConstants,
javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) >

```
public class PasswordField
extends javax.swing.JPasswordField
```

Constructors

PasswordField

```
public PasswordField()
```

busnet.guiElements

Class PlateHolder

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.PlateHolder
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public class PlateHolder
extends javax.swing.JPanel
```

Constructors

PlateHolder

```
public PlateHolder(java.lang.String plate)
```

Methods

setText

```
public void setText(java.lang.String plate)
```

busnet.guiElements

Class RideTab

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.RideTab
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public class RideTab
extends javax.swing.JPanel
```

Constructors

RideTab

```
public RideTab(java.lang.String content,
               int i,
               int j)
```

Methods

add

```
public void add()
```

del

```
public void del()
```

getI

```
public int getI()
```

getJ

```
public int getJ()
```

getStatus

```
public boolean getStatus()
```

getTime

```
public int getTime()
```

init

```
public void init()
```

setI

```
public void setI(int i)
```

setJ

```
public void setJ(int j)
```

setPlate

```
public void setPlate(java.lang.String plate)
```

setStatus

```
public void setStatus(boolean status)
```

setStatus

```
public void setStatus(boolean status,  
                      java.lang.String cf)
```

setTime

```
public void setTime(int i)
```

busnet.guiElements

Class RideTable

```
java.lang.Object  
|  
+-- java.awt.Component  
|   |  
|   +-- java.awt.Container  
|       |  
|       +-- javax.swing.JComponent  
|           |  
|           +-- javax.swing.JPanel  
|               |  
|               +-- busnet.guiElements.RideTable
```

All Implemented Interfaces:

```
java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,  
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler
```

< [Constructors](#) > < [Methods](#) >

```
public abstract class RideTable  
extends javax.swing.JPanel
```

Constructors

RideTable

```
public RideTable(RideList rList)
```

Create the panel.

Methods

addRideClickBtn

```
public abstract void addRideClickBtn(int busId,  
                                     int period)
```

addRow

```
public void addRow(java.lang.String plate)
```

delRideClickBtn

```
public abstract void delRideClickBtn(int busId,  
                                     int period)
```

deleteRow

```
public void deleteRow(java.lang.String plate)
```

getStartTime

```
public java.lang.String getStartTime(int i)
```

getrList

```
public RideList getrList()
```

init

```
public void init()
```

setSelected

```
public void setSelected(int i,  
                        int j,  
                        boolean status)
```

setSelected

```
public void setSelected(int i,  
                        int j,  
                        boolean status,  
                        java.lang.String cf)
```

setrList

```
public void setrList(RideList rList)
```

busnet.guiElements

Class ShiftTab

```
java.lang.Object  
|  
+-- java.awt.Component  
|   |  
|   +-- java.awt.Container  
|       |  
|       +-- javax.swing.JComponent  
|           |  
|           +-- javax.swing.JPanel  
|               |  
|               +-- busnet.guiElements.ShiftTab
```

All Implemented Interfaces:

```
java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,  
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler
```

< [Constructors](#) > < [Methods](#) >

```
public abstract class ShiftTab
```

extends javax.swing.JPanel

Constructors

ShiftTab

```
public ShiftTab(int i,  
                int j)
```

Methods

click

```
public abstract void click()
```

getI

```
public int getI()
```

getJ

```
public int getJ()
```

getLabel

```
public javax.swing.JLabel getLabel()
```

setAvailable

```
public void setAvailable(boolean available)
```

setEditable

```
public void setEditable(boolean b)
```

setI

```
public void setI(int i)
```

setJ

```
public void setJ(int j)
```

setLabel

```
public void setLabel(javax.swing.JLabel label)
```

setPresent

```
public void setPresent(boolean present)
```

busnet.guiElements

Class StackTraceFrame

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- busnet.guiElements.StackTraceFrame
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Constructors](#) >

```
public class StackTraceFrame
extends javax.swing.JDialog
```

Constructors

StackTraceFrame

```
public StackTraceFrame(java.lang.String s)
```

busnet.guiElements

Class TemporaryScheduleTable

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.TemporaryScheduleTable
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public class TemporaryScheduleTable
extends javax.swing.JPanel
```

Constructors

TemporaryScheduleTable

```
public TemporaryScheduleTable()
```

Methods

addShift

```
public void addShift(int i)
```

getStList

```
public ShiftTemporaryList getStList()
```

init

```
public void init()
```

loadShiftTemporaryList

```
public void loadShiftTemporaryList(ShiftTemporaryList stList,  
                                     boolean editable)
```

refreshShift

```
public void refreshShift()
```

removeShift

```
public void removeShift(int i)
```

setEditable

```
public void setEditable(boolean b)
```

setStList

```
public void setStList(ShiftTemporaryList stList)
```

toggleShift

```
public void toggleShift(int i)
```

busnet.guiElements

Class TextField

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.text.JTextComponent
|               |
|               +-- javax.swing.JTextField
|                   |
|                   +-- busnet.guiElements.TextField
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.Scrollable, javax.swing.SwingConstants,
javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) >

```
public class TextField
extends javax.swing.JTextField
```

Constructors

TextField

```
public TextField()
```

busnet.guiElements

Class Window

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Dialog
|               |
|               +-- javax.swing.JDialog
|                   |
|                   +-- busnet.guiElements.Window
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

Direct Known Subclasses:

[EmployeeDataWindow](#), [EmployeesWindow](#), [SalaryWindow](#), [BusDataWindow](#), [LineDataWindow](#),
[ManageLinesWindow](#), [StopDataWindow](#), [ManageRidesDataWindow](#), [ManageRidesWindow](#),
[SubstitutionWindow](#), [DefaultScheduleDataWindow](#), [ManageScheduleWindow](#),
[ManageTemporaryScheduleWindow](#), [MyShiftWindow](#), [OvertimeWindow](#),
[TemporaryScheduleDataWindow](#), [AddNewBusWindow](#), [AddRideWindow](#), [AddSubstitutionWindow](#)

< [Constructors](#) > < [Methods](#) >

```
public class Window
extends javax.swing.JDialog
```

Constructors

Window

```
public Window(java.lang.String title,
               java.lang.String subtitle,
               java.lang.String icon)
```

Methods

setVisible

```
public void setVisible(boolean visible)
```

Overrides:

setVisible in class java.awt.Dialog

busnet.guiElements

Class WrapperPanel

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.guiElements.WrapperPanel
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) >

```
public class WrapperPanel
extends javax.swing.JPanel
```

Constructors

WrapperPanel

```
public WrapperPanel(javax.swing.JPanel nestedPanel)
```

Package busnet.login

Class Summary

[LoginControl](#)

[LoginPanel](#)

[PasswordPanel](#)

busnet.login

Class LoginControl

```
java.lang.Object
|
+--busnet.login.LoginControl
```

< [Constructors](#) > < [Methods](#) >

```
public class LoginControl
extends java.lang.Object
```

Constructors

LoginControl

```
public LoginControl()
```

Methods

checkUserCredential

```
public void checkUserCredential()
```

getIWindow

```
public LoginPanel getIWindow()
```

getpWindow

```
public PasswordPanel getpWindow()
```

busnet.login

Class LoginPanel

```
java.lang.Object
|
+--java.awt.Component
|   |
|   +--java.awt.Container
|       |
|       +--javax.swing.JComponent
|           |
|           +--javax.swing.JPanel
|               |
|               +--busnet.login.LoginPanel
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public abstract class LoginPanel
extends javax.swing.JPanel
```

Constructors

LoginPanel

```
public LoginPanel()
    Create the panel.
```

Methods

confirm

```
public abstract void confirm()
```

getPassField

```
public PasswordField getPassField()
```

getUserField

```
public javax.swing.JTextField getUserField()
```

busnet.login

Class PasswordPanel

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- javax.swing.JComponent
|           |
|           +-- javax.swing.JPanel
|               |
|               +-- busnet.login.PasswordPanel
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.TransferHandler.HasGetTransferHandler

< [Constructors](#) > < [Methods](#) >

```
public abstract class PasswordPanel
extends javax.swing.JPanel
```

Constructors

PasswordPanel

```
public PasswordPanel()
```

Create the panel.

Methods

confirm

```
public abstract void confirm()
```

getPasswordField

```
public javax.swing.JPasswordField getPasswordField()
```

getPasswordField_1

```
public javax.swing.JPasswordField getPasswordField_1()
```

Package busnet.mailManagement

Class Summary

[MailInterface](#)

busnet.mailManagement

Class MailInterface

```
java.lang.Object
|
+--busnet.mailManagement.MailInterface
```

< [Fields](#) > < [Constructors](#) > < [Methods](#) >

```
public class MailInterface
extends java.lang.Object
```

Fields

days

```
public static java.lang.String[] days
```

periods

```
public static java.lang.String[] periods
```

Constructors

MailInterface

```
public MailInterface()
```

Methods

sendDefaultScheduleModifiedMail

[illegible]

sendNewHiringMail

[illegible]

sendResetPasswordMail

[illegible]

sendTempScheduleModifiedMail

[illegible]

sendTempScheduleRemovedMail

[illegible]

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