



UNIVERSITÀ  
DEGLI STUDI  
DI PALERMO

**TESINA**  
**Ingegneria del Software**  
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**ODD**  
**(OBJECT DESIGN DOCUMENT)**

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## INTRODUZIONE

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### Obiettivi generali

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Il software STP ha lo scopo di gestire i dati sensibili della società omonima, riguardo gli automezzi, i dipendenti, le linee ed i percorsi, in modo tale da velocizzare le azioni dei dipendenti e fornire un'applicazione al cittadino per poter ricevere le informazioni adeguate riguardo linee ed orari.

### Librerie utilizzate

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- JavaFX: utile per la creazione rapida di interfacce grafiche
- GMapsFx: utile per la creazione e l'interazione con le mappe di google
- Itextpdf: utile per la gestione e generazione di pdf
- Jfoenix: altra libreria grafica basata su JavaFX
- Jxtras: altra libreria grafica basata su JavaFX
- Google-maps-services: libreria fornita da google per richiedere i servizi delle mappe di google

## PACKAGE

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L'intero sistema è suddiviso in tre applicazioni, tutto il codice è stato suddiviso così in 3 package suddivisi in altrettanti sotto package.

La parte relativa al server contiene un package principale:

- Server: contiene le classi utili per accettare connessioni via TCP, rispondere alle richieste e dialogare con il DBMS.

Ed uno secondario:

- Util: contiene le classi di supporto per il programma stesso.

L'applicativo per il cittadino possiede un package generale “cliente” che contiene la classe di avvio del programma stesso. In più contiene:

- Control: contiene le Control utili al funzionamento del programma
- View: contiene le interfacce grafiche scritte in fxml sfruttate e caricate dalle Control
- Util: contiene le classi di supporto per il programma stesso.
- Model: contiene le entity necessarie al funzionamento del programma (Linea, Fermata)

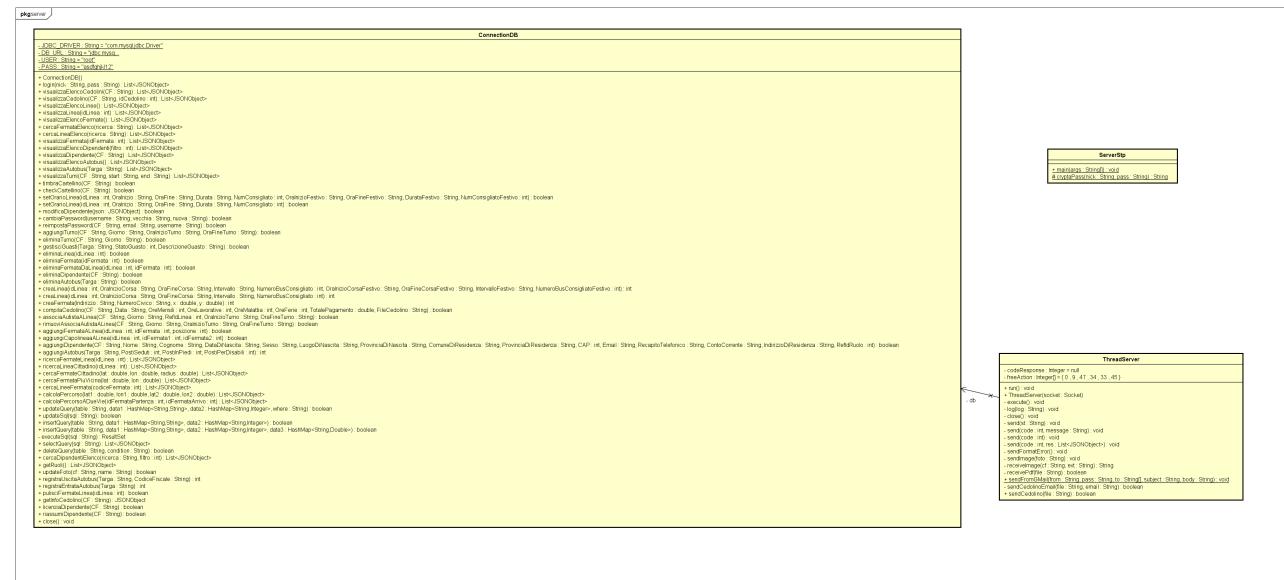
L'applicativo per il dipendente ha una struttura più complessa.

Possiede un package generale "Dipendente" che contiene la classe di avvio del programma stesso. In più contiene:

- Control: contiene le classi che eseguono le azioni generali di un dipendente, quali login, visualizzazione dati e turni etc.
- View: contiene le interfacce grafiche scritte in fxml sfruttate e caricate dalle Control
- Util: contiene le classi di supporto per il programma stesso.
- Model: contiene le entity necessarie al funzionamento del programma
- Amministrativo: contiene le classi che si occupano delle azioni intraprese dai dipendenti di tipo Amministrativo (Si suddivide a sua volta in control e view)
- Deposito: contiene le classi che si occupano delle azioni intraprese dai dipendenti di tipo Deposito (Si suddivide a sua volta in control e view)
- Logistica: contiene le classi che si occupano delle azioni intraprese dai dipendenti di tipo Logistica (Si suddivide a sua volta in control e view)

## PACKAGE DELL'APPLICATIVO SUL SERVER

### Package Server



- ServerStp: classe di avvio del programma, utilizzata per mettersi in ascolto su una porta di uscita e passare la connessione accettata a ThreadServer.
- ThreadServer: Thread instanziato nel momento in cui si viene a creare una nuova connessione, dialoga con il client ed effettua la connessione con il db.
- ConnectionDB: Classe istanziata in ThreadServer, contiene le funzioni per manipolare e reperire i dati nel DB.

Il package server contiene anche il package util qui non mostrato, che contiene un'unica classe:

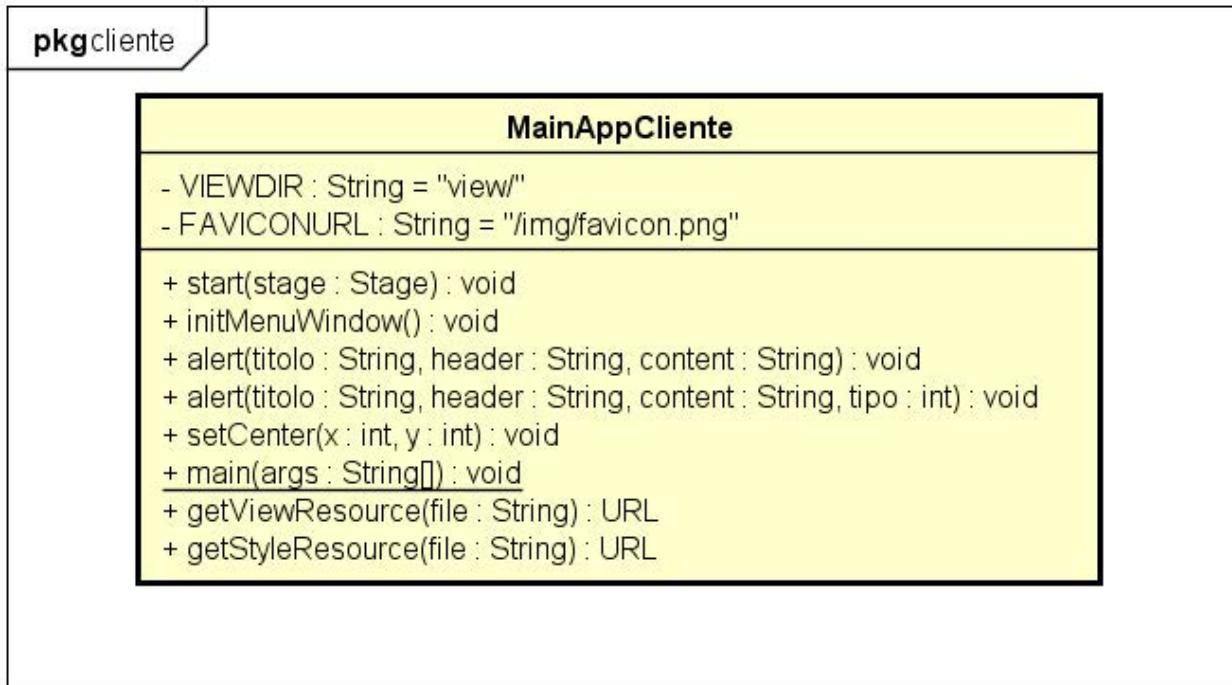
- RandomString: classe utilizzata per generare password casuali

## PACKAGE DELL'APPLICATIVO DEL CLIENTE

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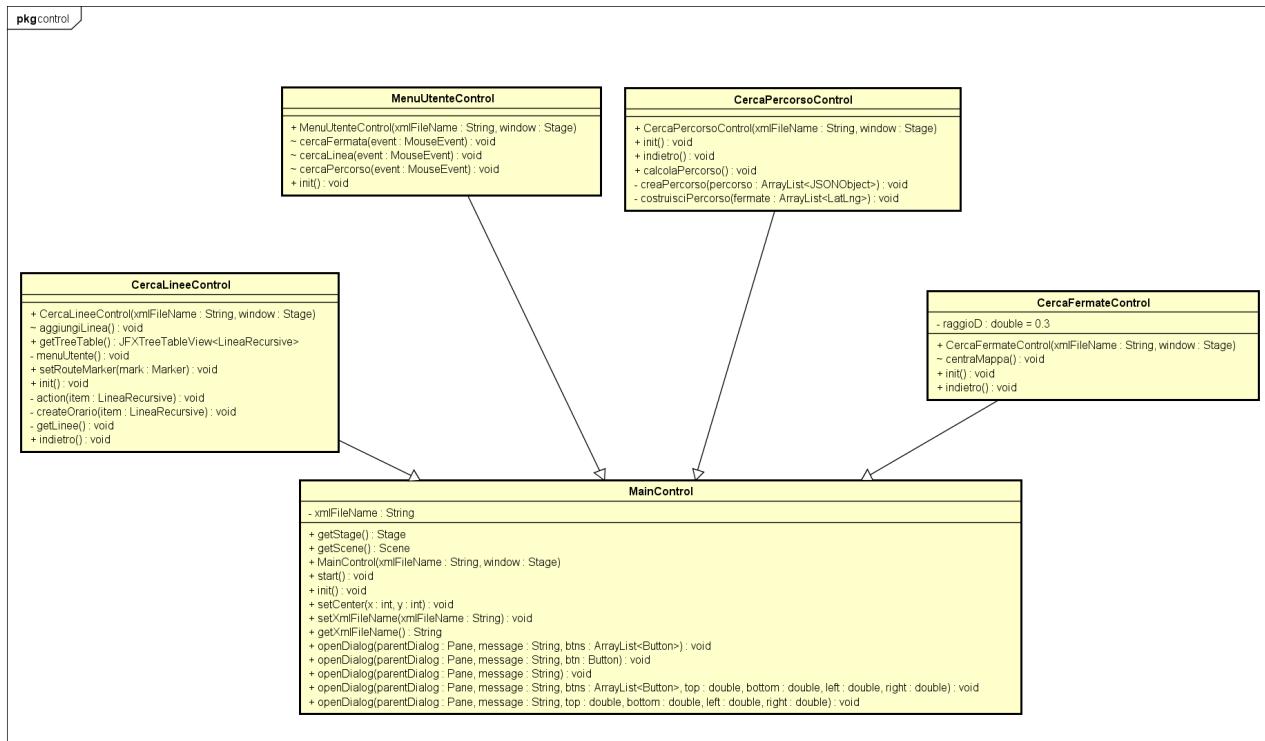
### Package cliente

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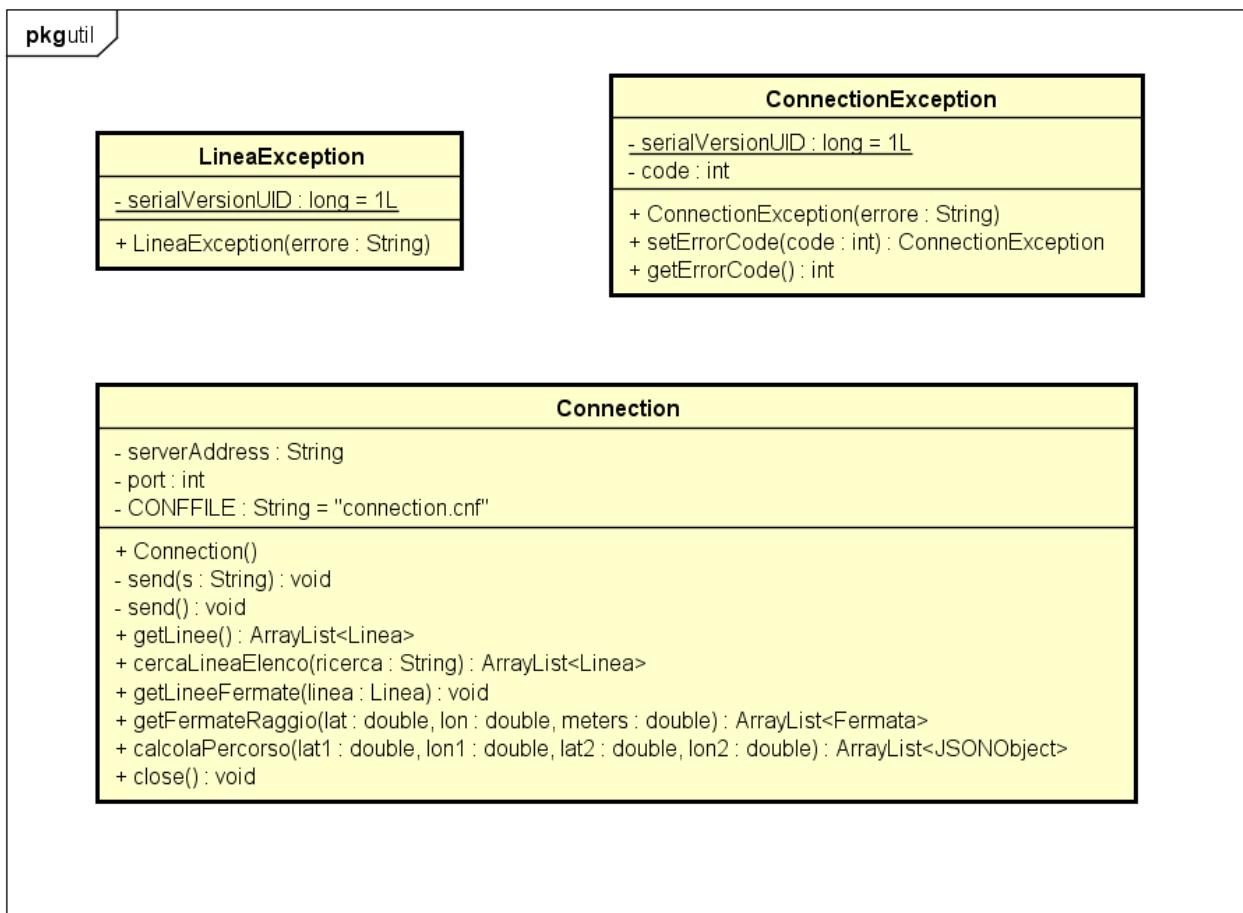
- MainAppUtente: classe di avvio dell'applicativo

## Package cliente.control



- `MainControl`: classe che possiede metodi e proprietà comuni alle control del programma (es. avvio di finestre, icona etc..)
- `MenuUtenteControl`: control del menù iniziale del programma del cliente
- `CercaLineeControl`: control per la ricerca della linea
- `CercaFermateControl`: control per la ricerca delle fermate
- `CercaPercorsoControl`: control per la ricerca del percorso

## Package cliente.util



- `Connection`: classe per eseguire la connessione con il server
- `ConnectionException`: classe utile per gestire le eccezioni durante la connessione
- `LineaException`: classe utile per gestire le eccezioni durante la creazione della linea

## Package cliente.model



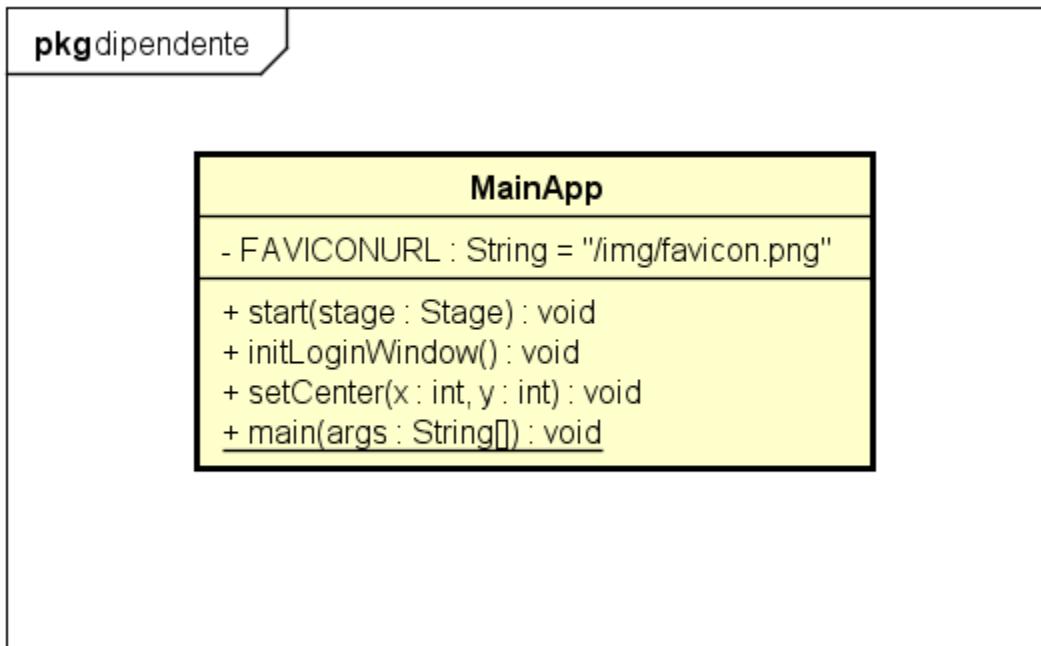
- Linea: classe che rappresenta la linea
- Fermata: classe che rappresenta la fermata

## PACKAGE DELL'APPLICATIVO DEL DIPENDENTE

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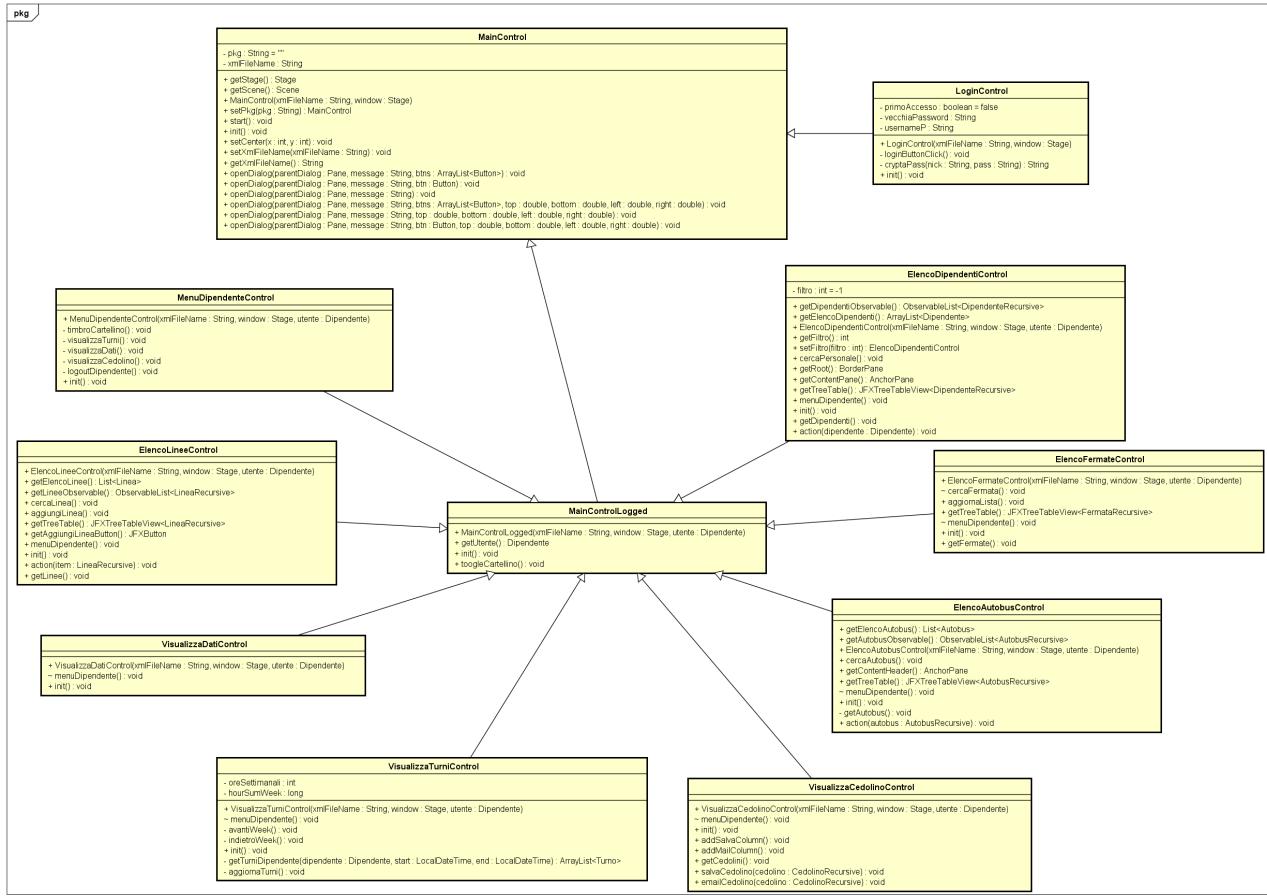
### Package Dipendente

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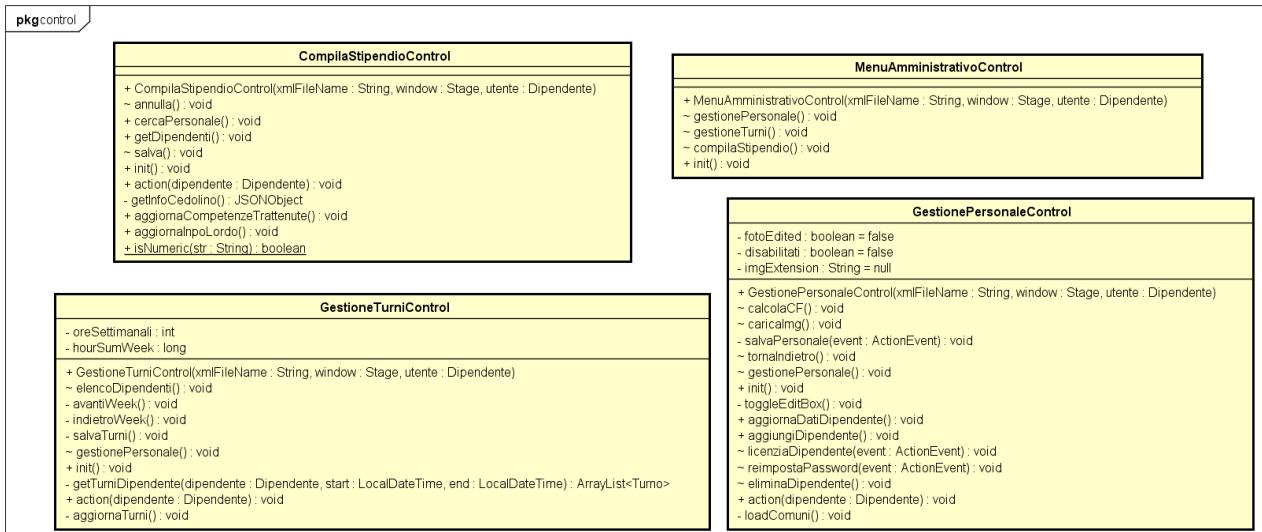
- MainApp: classe di avvio dell'applicativo

## Package Dipendente.control



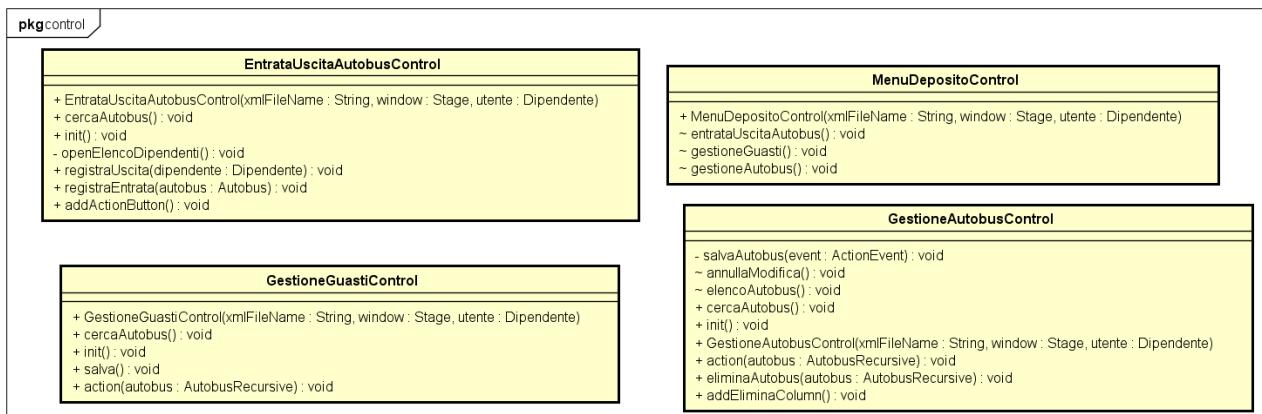
- **MainControl**: classe che possiede metodi e proprietà comuni alle control del programma (es. avvio di finestre, icone etc..)
- **LoginControl**: classe che permette all'utente di effettuare le operazioni di accesso
- **MainControlLogged**: Estende Main control ed è utile a rappresentare i controllori che si occupano di effettuare azioni tramite dei permessi
- **MenuDipendenteControl**: classe che si occupa di gestire il menù del dipendente
- **ElencoDipendentiControl**: classe che si occupa di mostrare l'elenco dei dipendenti, ricercarli e interagire con essi
- **ElencoLineaControl**: classe che si occupa di mostrare l'elenco delle linee, ricercarle e interagire con loro
- **ElencoAutobusControl**: classe che si occupa di mostrare l'elenco degli autobus, ricercarli e interagire con essi
- **ElencoFermateControl**: classe che si occupa di mostrare l'elenco delle fermate, ricercarle e interagire con esse
- **VisualizzaDatiControl**: classe che permette ai dipendenti di visualizzare i dati
- **VisualizzaTurniControl**: classe che permette ai dipendenti di visualizzare i propri turni
- **VisualizzaCedolinoControl**: classe che permette ai dipendenti di visualizzare e scaricare il cedolino

## Package Dipendente.amministrativo.control



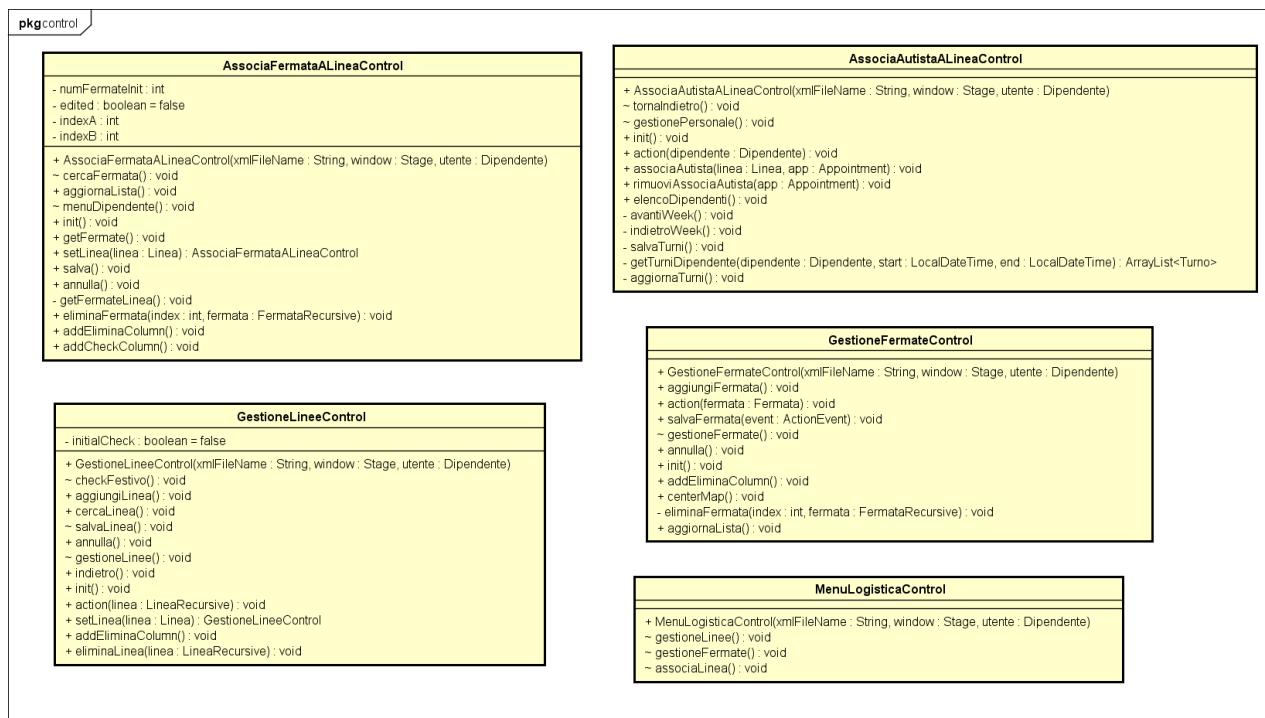
- MenuAmministrativoControl: classe che si occupa di gestire il menù del dipendente di tipo amministrativo
- CompilaStipendioControl: classe che permette al dipendente amministrativo di compilare i cedolini degli altri dipendenti
- GestioneTurniControl: classe che permette al dipendente amministrativo di gestire i turni degli altri dipendenti
- GestionePersonaleControl: classe che permette al dipendente amministrativo di gestire il personale della società

## Package Dipendente.deposito.control



- **MenuDepositoControl**: classe che si occupa di gestire il menù del dipendente di tipo deposito
- **GestioneAutobusControl**: classe che permette al dipendente deposito di gestire gli automezzi della società
- **GestioneGuastiControl**: classe che permette al dipendente deposito di gestire e monitorare i guasti degli automezzi
- **EntrataUscitaAutobusControl**: classe che permette al dipendente deposito di organizzare l'entrata e l'uscita degli automezzi dal deposito

## Package Dipendente.logistica.control



- MenuLogisticaControl: classe che si occupa di gestire il menù del dipendente di tipo logistica
- GestioneLineeControl: classe che permette al dipendente logista di gestire le linee create dalla società
- GestioneFermateControl: classe che permette al dipendente logista di gestire le fermate create dalla società
- AssociaAutistaALineaControl: classe che permette al dipendente logista di associare una linea ad un turno di un determinato autista
- AssociaFermataALineaControl: classe che permette al dipendente logista di associare una fermata ad una linea in modo tale da costruire un percorso

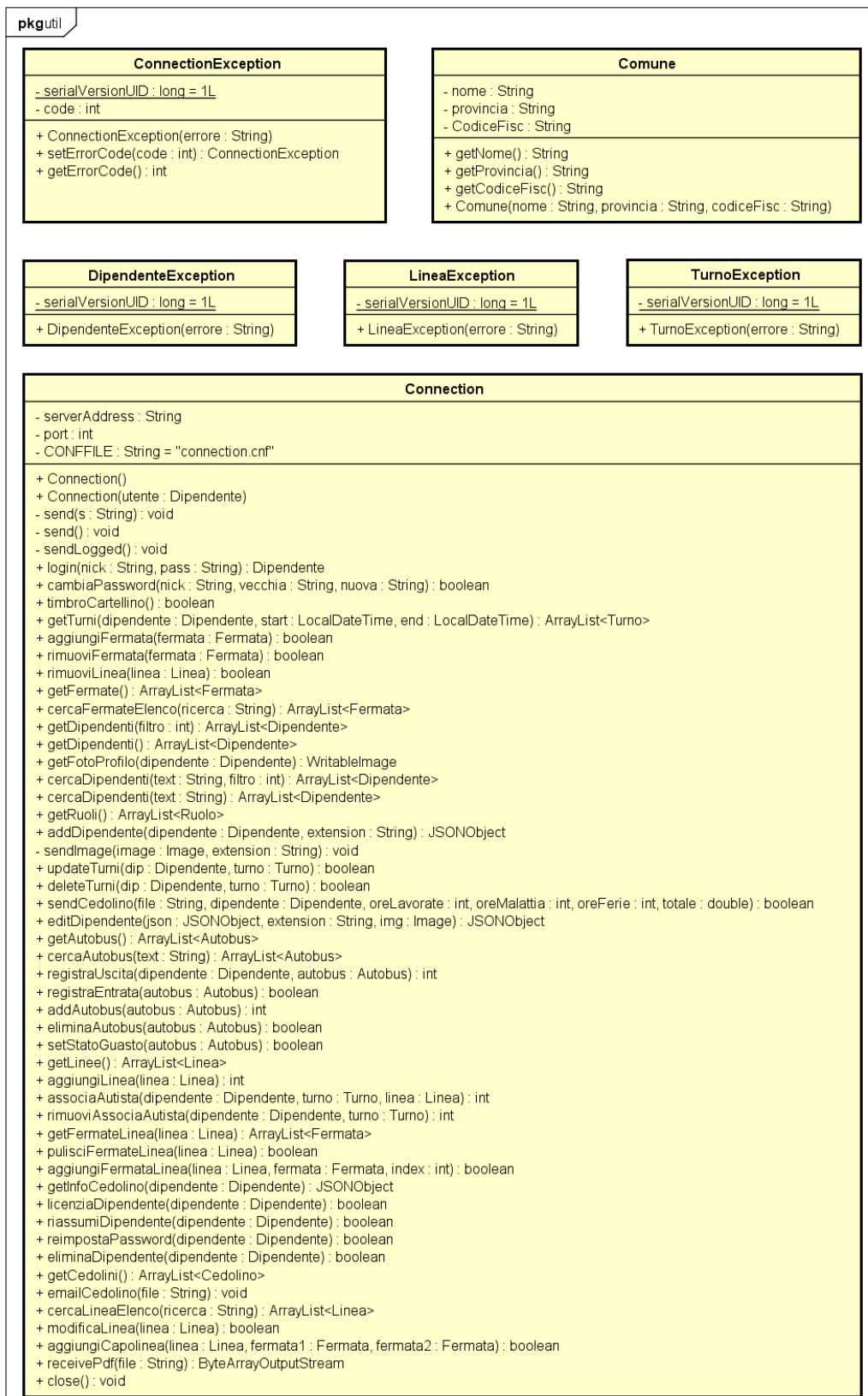


## Package Dipendente.model 2



- Linea: linea gestita dalla società di trasporti
- Fermata: fermata gestita dalla società di trasporti
- Autobus: automezzo posseduto dalla società di trasporti

## Package Dipendente.util



- Connection: classe per effettuare la connessione con il server
- ConnectionException: classe utile per gestire le eccezioni della classe Connection
- LineaException: classe utile per gestire le eccezioni durante la creazione della linea
- TurnoException: classe utile per gestire le eccezioni durante la creazione dei turni
- DipendenteException: classe utile per gestire le eccezioni durante la creazione del dipendente

Tutti e tre gli applicativi sfruttano la libreria JSONObject di oracle per la creazione rapida di oggetti json, per poter costruire richieste utili per la comunicazione TCP

## **INTERFACCE DELLE CLASSI**

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Si allegano di seguito le interfacce delle classi utilizzate per tutti gli applicativi

# **PACKAGE SERVER**

com.stp.server

## Class ConnectionDB

java.lang.Object  
 com.stp.server.ConnectionDB

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

### Constructor Summary

#### Constructors

##### Constructor and Description

[ConnectionDB\(\)](#)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method and Description

int	<a href="#">aggiungiAutobus(java.lang.String Targa, int PostiSeduti, int PostiInPiedi, int PostiPerDisabili)</a>
boolean	<a href="#">aggiungiCapolineaaALinea(int idLinea, int idFermata1, int idFermata2)</a>
boolean	<a href="#">aggiungiDipendente(java.lang.String CF, java.lang.String Nome, java.lang.String Cognome, java.lang.String DataDiNascita, java.lang.String Sesso, java.lang.String LuogoDiNascita, java.lang.String ProvinciaDiNascita, java.lang.String ComuneDiResidenza, java.lang.String ProvinciaDiResidenza, int CAP, java.lang.String Email, java.lang.String RecapitoTelefonico, java.lang.String ContoCorrente, java.lang.String IndirizzoDiResidenza, int RefIdRuolo)</a>
boolean	<a href="#">aggiungiFermataALinea(int idLinea, int idFermata, int posizione)</a>
boolean	<a href="#">aggiungiTurno(java.lang.String CF, java.lang.String Giorno, java.lang.String OraInizioTurno, java.lang.String OraFineTurno)</a>
boolean	<a href="#">associaAutistaALinea(java.lang.String CF, java.lang.String Giorno, int RefIdLinea, java.lang.String OraInizioTurno, java.lang.String OraFineTurno)</a>
java.util.List<JSONObject>	<a href="#">calcolaPercorso(double lat1, double lon1, double lat2, double lon2)</a>
java.util.List<JSONObject>	<a href="#">calcolaPercorsoADueVie(int idFermataPartenza, int idFermataArrivo)</a>
boolean	<a href="#">cambiaPassword(java.lang.String username, java.lang.String vecchia, java.lang.String nuova)</a>
java.util.List<JSONObject>	<a href="#">cercaDipendentiElenco(java.lang.String ricerca, int filtro)</a>
java.util.List<JSONObject>	<a href="#">cercaFermataElenco(java.lang.String ricerca)</a>
java.util.List<JSONObject>	<a href="#">cercaFermataPiuVicina(double lat, double lon)</a>
java.util.List<JSONObject>	<a href="#">cercaFermateCittadino(double lat, double lon, double radius)</a>
java.util.List<JSONObject>	<a href="#">cercaLineaElenco(java.lang.String ricerca)</a>
java.util.List<JSONObject>	<a href="#">cercaLineeFermata(int codiceFermata)</a>
boolean	<a href="#">checkCartellino(java.lang.String CF)</a>
void	<a href="#">close()</a>
boolean	<a href="#">compilaCedolino(java.lang.String CF, java.lang.String Data, int OreMensili, int OreLavorative, int OreMalattia, int OreFerie,</a>

```

        double TotalePagamento, java.lang.String FileCedolino)

int          creaFermata(java.lang.String Indirizzo, java.lang.String NumeroCivico,
double x, double y)

int          creaLinea(int idLinea, java.lang.String OraInizioCorsa,
java.lang.String OraFineCorsa, java.lang.String Intervallo,
int NumeroBusConsigliato)

int          creaLinea(int idLinea, java.lang.String OraInizioCorsa,
java.lang.String OraFineCorsa, java.lang.String Intervallo,
int NumeroBusConsigliato, java.lang.String OraInizioCorsaFestivo,
java.lang.String OraFineCorsaFestivo, java.lang.String IntervalloFestivo,
int NumeroBusConsigliatoFestivo)

boolean      deleteQuery(java.lang.String table, java.lang.String condition)

boolean      eliminaAutobus(java.lang.String Targa)

boolean      eliminaDipendente(java.lang.String CF)

boolean      eliminaFermata(int idFermata)

boolean      eliminaFermataDaLinea(int idLinea, int idFermata)

boolean      eliminaLinea(int idLinea)

boolean      eliminaTurno(java.lang.String CF, java.lang.String Giorno)

boolean      gestisciGuasti(java.lang.String Targa, int StatoGuasto,
java.lang.String DescrizioneGuasto)

JSONObject    getInfoCedolino(java.lang.String CF)

java.util.List<JSONObject> getRuoli()

boolean      insertQuery(java.lang.String table,
java.util.HashMap<java.lang.String,java.lang.String> data1,
java.util.HashMap<java.lang.String,java.lang.Integer> data2)

boolean      insertQuery(java.lang.String table,
java.util.HashMap<java.lang.String,java.lang.String> data1,
java.util.HashMap<java.lang.String,java.lang.Integer> data2,
java.util.HashMap<java.lang.String,java.lang.Double> data3)

boolean      licenziaDipendente(java.lang.String CF)

java.util.List<JSONObject> login(java.lang.String nick, java.lang.String pass)

boolean      modificaDipendente(JSONObject json)

boolean      pulisciFermateLinea(int idLinea)

int          registraEntrataAutobus(java.lang.String Targa)

int          registraUscitaAutobus(java.lang.String Targa,
java.lang.String CodiceFiscale)

boolean      reimpostaPassword(java.lang.String CF, java.lang.String email,
java.lang.String username)

boolean      riassumiDipendente(java.lang.String CF)

java.util.List<JSONObject> ricercaFermateLinea(int idLinea)

java.util.List<JSONObject> ricercaLineaCittadino(int idLinea)

boolean      rimuoviAssociaAutistaALinea(java.lang.String CF, java.lang.String Giorno,
java.lang.String OraInizioTurno, java.lang.String OraFineTurno)

java.util.List<JSONObject> selectQuery(java.lang.String sql)

boolean      setOrarioLinea(int idLinea, java.lang.String OraInizio,
java.lang.String OraFine, java.lang.String Durata, int NumConsigliato)

boolean      setOrarioLinea(int idLinea, java.lang.String OraInizio,
java.lang.String OraFine, java.lang.String Durata, int NumConsigliato,
java.lang.String OraInizioFestivo, java.lang.String OraFineFestivo,
java.lang.String DurataFestivo, int NumConsigliatoFestivo)

boolean      timbraCartellino(java.lang.String CF)

boolean      updateFoto(java.lang.String cf, java.lang.String name)

boolean

```

```
        updateQuery(java.lang.String table,
                java.util.HashMap<java.lang.String,java.lang.String> data1,
                java.util.HashMap<java.lang.String,java.lang.Integer> data2,
                java.lang.String where)

boolean           updateSql(java.lang.String sql)

java.util.List<JSONObject> visualizzaAutobus(java.lang.String Targa)

java.util.List<JSONObject> visualizzaCedolino(java.lang.String CF, int idCedolino)

java.util.List<JSONObject> visualizzaDipendente(java.lang.String CF)

java.util.List<JSONObject> visualizzaElencoAutobus()

java.util.List<JSONObject> visualizzaElencoCedolini(java.lang.String CF)

java.util.List<JSONObject> visualizzaElencoDipendenti(int filtro)

java.util.List<JSONObject> visualizzaElencoFermate()

java.util.List<JSONObject> visualizzaElencoLinee()

java.util.List<JSONObject> visualizzaFermata(int idFermata)

java.util.List<JSONObject> visualizzaLinea(int idLinea)

java.util.List<JSONObject> visualizzaTurni(java.lang.String CF, java.lang.String start,
                                             java.lang.String end)
```

#### Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`

#### Constructor Detail

##### `ConnectionDB`

```
public ConnectionDB()
    throws java.lang.ClassNotFoundException,
           java.sql.SQLException
```

**Throws:**

`java.lang.ClassNotFoundException`  
`java.sql.SQLException`

#### Method Detail

##### `login`

```
public java.util.List<JSONObject> login(java.lang.String nick,
                                         java.lang.String pass)
```

##### `visualizzaElencoCedolini`

```
public java.util.List<JSONObject> visualizzaElencoCedolini(java.lang.String CF)
```

##### `visualizzaCedolino`

```
public java.util.List<JSONObject> visualizzaCedolino(java.lang.String CF,
                                                       int idCedolino)
```

##### `visualizzaElencoLinee`

```
public java.util.List<JSONObject> visualizzaElencoLinee()
```

**visualizzaLinea**

```
public java.util.List<JSONObject> visualizzaLinea(int idLinea)
```

**visualizzaElencoFermate**

```
public java.util.List<JSONObject> visualizzaElencoFermate()
```

**cercaFermataElenco**

```
public java.util.List<JSONObject> cercaFermataElenco(java.lang.String ricerca)
```

**cercaLineaElenco**

```
public java.util.List<JSONObject> cercaLineaElenco(java.lang.String ricerca)
```

**visualizzaFermata**

```
public java.util.List<JSONObject> visualizzaFermata(int idFermata)
```

**visualizzaElencoDipendenti**

```
public java.util.List<JSONObject> visualizzaElencoDipendenti(int filtro)
```

**visualizzaDipendente**

```
public java.util.List<JSONObject> visualizzaDipendente(java.lang.String CF)
```

**visualizzaElencoAutobus**

```
public java.util.List<JSONObject> visualizzaElencoAutobus()
```

**visualizzaAutobus**

```
public java.util.List<JSONObject> visualizzaAutobus(java.lang.String Targa)
```

**visualizzaTurni**

```
public java.util.List<JSONObject> visualizzaTurni(java.lang.String CF,
                                                 java.lang.String start,
                                                 java.lang.String end)
```

**timbraCartellino**

```
public boolean timbraCartellino(java.lang.String CF)
```

**checkCartellino**

```
public boolean checkCartellino(java.lang.String CF)
```

**setOrarioLinea**

```
public boolean setOrarioLinea(int idLinea,
                             java.lang.String OraInizio,
                             java.lang.String OraFine,
```

```
        java.lang.String Durata,
        int NumConsigliato,
        java.lang.String OraInizioFestivo,
        java.lang.String OraFineFestivo,
        java.lang.String DurataFestivo,
        int NumConsigliatoFestivo)
```

#### **setOrarioLinea**

```
public boolean setOrarioLinea(int idLinea,
                               java.lang.String OraInizio,
                               java.lang.String OraFine,
                               java.lang.String Durata,
                               int NumConsigliato)
```

#### **modificaDipendente**

```
public boolean modificaDipendente(JSONObject json)
```

#### **cambiaPassword**

```
public boolean cambiaPassword(java.lang.String username,
                               java.lang.String vecchia,
                               java.lang.String nuova)
```

#### **reimpostaPassword**

```
public boolean reimpostaPassword(java.lang.String CF,
                                  java.lang.String email,
                                  java.lang.String username)
```

#### **aggiungiTurno**

```
public boolean aggiungiTurno(java.lang.String CF,
                             java.lang.String Giorno,
                             java.lang.String OraInizioTurno,
                             java.lang.String OraFineTurno)
```

#### **eliminaTurno**

```
public boolean eliminaTurno(java.lang.String CF,
                            java.lang.String Giorno)
```

#### **gestisciGuasti**

```
public boolean gestisciGuasti(java.lang.String Targa,
                               int StatoGuasto,
                               java.lang.String DescrizioneGuasto)
```

#### **eliminaLinea**

```
public boolean eliminaLinea(int idLinea)
```

#### **eliminaFermata**

```
public boolean eliminaFermata(int idFermata)
```

#### **eliminaFermataDaLinea**

```
public boolean eliminaFermataDaLinea(int idLinea,  
                                     int idFermata)
```

### **eliminaDipendente**

```
public boolean eliminaDipendente(java.lang.String CF)
```

## **eliminaAutobus**

```
public boolean eliminaAutobus(java.lang.String Targa)
```

creaLinea

```
public int creaLinea(int idLinea,
                     java.lang.String OraInizioCorsa,
                     java.lang.String OraFineCorsa,
                     java.lang.String Intervallo,
                     int NumeroBusConsigliato,
                     java.lang.String OraInizioCorsaFestivo,
                     java.lang.String OraFineCorsaFestivo,
                     java.lang.String IntervalloFestivo,
                     int NumeroBusConsigliatoFestivo)
```

creaLinea

```
public int creaLinea(int idLinea,
                     java.lang.String OraInizioCorsa,
                     java.lang.String OraFineCorsa,
                     java.lang.String Intervallo,
                     int NumeroBusConsigliato)
```

creaFermata

```
public int creaFermata(java.lang.String Indirizzo,
                      java.lang.String NumeroCivico,
                      double x,
                      double y)
```

## **compilaCedolino**

**associaAutistaALinea**

**rimuoviAssociaAutistaALinea**

```
        java.lang.String OraInizioTurno,  
        java.lang.String OraFineTurno)
```

#### **aggiungiFermataALinea**

```
public boolean aggiungiFermataALinea(int idLinea,  
                                      int idFermata,  
                                      int posizione)
```

#### **aggiungiCapolineaaALinea**

```
public boolean aggiungiCapolineaaALinea(int idLinea,  
                                         int idFermata1,  
                                         int idFermata2)
```

#### **aggiungiDipendente**

```
public boolean aggiungiDipendente(java.lang.String CF,  
                                    java.lang.String Nome,  
                                    java.lang.String Cognome,  
                                    java.lang.String DataDiNascita,  
                                    java.lang.String Sesso,  
                                    java.lang.String LuogoDiNascita,  
                                    java.lang.String ProvinciaDiNascita,  
                                    java.lang.String ComuneDiResidenza,  
                                    java.lang.String ProvinciaDiResidenza,  
                                    int CAP,  
                                    java.lang.String Email,  
                                    java.lang.String RecapitoTelefonico,  
                                    java.lang.String ContoCorrente,  
                                    java.lang.String IndirizzoDiResidenza,  
                                    int RefIdRuolo)
```

#### **aggiungiAutobus**

```
public int aggiungiAutobus(java.lang.String Targa,  
                           int PostiSeduti,  
                           int PostiInPiedi,  
                           int PostiPerDisabili)
```

#### **ricercaFermateLinea**

```
public java.util.List<JSONObject> ricercaFermateLinea(int idLinea)
```

#### **ricercaLineaCittadino**

```
public java.util.List<JSONObject> ricercaLineaCittadino(int idLinea)
```

#### **cercaFermateCittadino**

```
public java.util.List<JSONObject> cercaFermateCittadino(double lat,  
                                                       double lon,  
                                                       double radius)
```

#### **cercaFermataPiuVicina**

```
public java.util.List<JSONObject> cercaFermataPiuVicina(double lat,  
                                                       double lon)
```

#### **cercaLineeFermata**

```
public java.util.List<JSONObject> cercaLineeFermata(int codiceFermata)
```

#### calcolaPercorso

```
public java.util.List<JSONObject> calcolaPercorso(double lat1,  
                                                 double lon1,  
                                                 double lat2,  
                                                 double lon2)
```

#### calcolaPercorsoADueVie

```
public java.util.List<JSONObject> calcolaPercorsoADueVie(int idFermataPartenza,  
                                                       int idFermataArrivo)
```

#### updateQuery

```
public boolean updateQuery(java.lang.String table,  
                           java.util.HashMap<java.lang.String,java.lang.String> data1,  
                           java.util.HashMap<java.lang.String,java.lang.Integer> data2,  
                           java.lang.String where)  
throws java.sql.SQLException
```

**Throws:**

```
java.sql.SQLException
```

#### updateSql

```
public boolean updateSql(java.lang.String sql)  
throws java.sql.SQLException
```

**Throws:**

```
java.sql.SQLException
```

#### insertQuery

```
public boolean insertQuery(java.lang.String table,  
                           java.util.HashMap<java.lang.String,java.lang.String> data1,  
                           java.util.HashMap<java.lang.String,java.lang.Integer> data2)  
throws java.sql.SQLException
```

**Throws:**

```
java.sql.SQLException
```

#### insertQuery

```
public boolean insertQuery(java.lang.String table,  
                           java.util.HashMap<java.lang.String,java.lang.String> data1,  
                           java.util.HashMap<java.lang.String,java.lang.Integer> data2,  
                           java.util.HashMap<java.lang.String,java.lang.Double> data3)  
throws java.sql.SQLException
```

**Throws:**

```
java.sql.SQLException
```

#### selectQuery

```
public java.util.List<JSONObject> selectQuery(java.lang.String sql)  
throws java.sql.SQLException
```

**Throws:**

```
java.sql.SQLException
```

**deleteQuery**

```
public boolean deleteQuery(java.lang.String table,
                           java.lang.String condition)
                           throws java.sql.SQLException
```

**Throws:**

```
java.sql.SQLException
```

**cercaDipendentiElenco**

```
public java.util.List<JSONObject> cercaDipendentiElenco(java.lang.String ricerca,
                                                               int filtro)
```

**getRuoli**

```
public java.util.List<JSONObject> getRuoli()
```

**updateFoto**

```
public boolean updateFoto(java.lang.String cf,
                           java.lang.String name)
                           throws java.sql.SQLException
```

**Throws:**

```
java.sql.SQLException
```

**registraUscitaAutobus**

```
public int registraUscitaAutobus(java.lang.String Targa,
                                   java.lang.String CodiceFiscale)
```

**registraEntrataAutobus**

```
public int registraEntrataAutobus(java.lang.String Targa)
```

**pulisciFermateLinea**

```
public boolean pulisciFermateLinea(int idLinea)
```

**getInfoCedolino**

```
public JSONObject getInfoCedolino(java.lang.String CF)
```

**licenziaDipendente**

```
public boolean licenziaDipendente(java.lang.String CF)
```

**riassumiDipendente**

```
public boolean riassumiDipendente(java.lang.String CF)
```

**close**

```
public void close()
```

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com.stp.server

## Class ServerStp

```
java.lang.Object
  com.stp.server.ServerStp
```

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

### Constructor Summary

#### Constructors

##### Constructor and Description

`ServerStp()`

### Method Summary

#### All Methods

#### Static Methods

#### Concrete Methods

##### Modifier and Type

##### Method and Description

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

### Methods inherited from class `java.lang.Object`

`equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

### Constructor Detail

#### ServerStp

`public ServerStp()`

### Method Detail

#### main

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

##### Throws:

`java.io.IOException`

com.stp.server

## Class ThreadServer

```
java.lang.Object
  com.stp.server.ThreadServer
```

**All Implemented Interfaces:**

java.lang.Runnable

```
public class ThreadServer
extends java.lang.Object
implements java.lang.Runnable
```

### Constructor Summary

**Constructors****Constructor and Description****ThreadServer**(java.net.Socket socket)

### Method Summary

**All Methods****Static Methods****Instance Methods****Concrete Methods****Modifier and Type**      **Method and Description**

void	<b>run()</b>
boolean	<b>sendCedolino</b> (java.lang.String file)
static void	<b>sendFromGMail</b> (java.lang.String from, java.lang.String pass, java.lang.String[] to, java.lang.String subject, java.lang.String body)

**Methods inherited from class java.lang.Object**

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

**ThreadServer****public ThreadServer**(java.net.Socket socket)

### Method Detail

**run****public void run()****Specified by:**

run in interface java.lang.Runnable

**sendFromGMail****public static void sendFromGMail**(java.lang.String from, java.lang.String pass,

```
java.lang.String[] to,  
java.lang.String subject,  
java.lang.String body)
```

### sendCedolino

```
public boolean sendCedolino(java.lang.String file)
```

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com.stp.server.util

## Class RandomString

java.lang.Object  
 com.stp.server.util.RandomString

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

### Field Summary

#### Fields

Modifier and Type	Field and Description
static java.lang.String	<a href="#">alphanum</a>
static java.lang.String	<a href="#">digits</a>
static java.lang.String	<a href="#">lower</a>
static java.lang.String	<a href="#">upper</a>

### Constructor Summary

#### Constructors

Constructor and Description
<a href="#">RandomString()</a> Create session identifiers.
<a href="#">RandomString(int length)</a> Create an alphanumeric strings from a secure generator.
<a href="#">RandomString(int length, java.util.Random random)</a> Create an alphanumeric string generator.
<a href="#">RandomString(int length, java.util.Random random, java.lang.String symbols)</a>

### Method Summary

#### All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
java.lang.String	<a href="#">nextString()</a> Generate a random string.

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Field Detail

#### upper

```
public static final java.lang.String upper
```

#### See Also:

Constant Field Values

## **lower**

```
public static final java.lang.String lower
```

## **digits**

```
public static final java.lang.String digits
```

**See Also:**

[Constant Field Values](#)

## **alphanum**

```
public static final java.lang.String alphanum
```

## ***Constructor Detail***

### **RandomString**

```
public RandomString(int length,  
                    java.util.Random random,  
                    java.lang.String symbols)
```

### **RandomString**

```
public RandomString(int length,  
                    java.util.Random random)
```

Create an alphanumeric string generator.

### **RandomString**

```
public RandomString(int length)
```

Create an alphanumeric strings from a secure generator.

### **RandomString**

```
public RandomString()
```

Create session identifiers.

## ***Method Detail***

### **nextString**

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

Generate a random string.

# **PACKAGE CLIENTE**

com.stp.cliente

## Class MainAppUtente

```
java.lang.Object
    javafx.application.Application
        com.stp.cliente.MainAppUtente
```

```
public class MainAppUtente
extends javafx.application.Application
```

### Nested Class Summary

#### Nested classes/interfaces inherited from class javafx.application.Application

```
javafx.application.Application.Parameters
```

### Field Summary

#### Fields inherited from class javafx.application.Application

```
STYLESHEET_CASPIAN, STYLESHEET_MODENA
```

### Constructor Summary

#### Constructors

##### Constructor and Description

```
MainAppUtente()
```

### Method Summary

#### All Methods

#### Static Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void	<b>alert</b> (java.lang.String titolo, java.lang.String header, java.lang.String content)
void	<b>alert</b> (java.lang.String titolo, java.lang.String header, java.lang.String content, int tipo)
java.net.URL	<b>getStyleResource</b> (java.lang.String file)
java.net.URL	<b>getViewResource</b> (java.lang.String file)
void	<b>initMenuWindow()</b>
static void	<b>main</b> (java.lang.String[] args)
void	<b>setCenter</b> (int x, int y)
void	<b>start</b> (javafx.stage.Stage stage)

## Methods inherited from class javafx.application.Application

getHostServices, getParameters, getUserAgentStylesheet, init, launch, launch, notifyPreloader, setUserAgentStylesheet, stop

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Constructor Detail

### MainAppUtente

public MainAppUtente()

## Method Detail

### start

public void start(javafx.stage.Stage stage)

Specified by:

start in class javafx.application.Application

### initMenuWindow

public void initMenuWindow()

### **alert**

```
public void alert(java.lang.String titolo,  
                  java.lang.String header,  
                  java.lang.String content)
```

### **alert**

```
public void alert(java.lang.String titolo,  
                  java.lang.String header,  
                  java.lang.String content,  
                  int tipo)
```

### **setCenter**

```
public void setCenter(int x,  
                      int y)
```

### **main**

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

### **getViewResource**

```
public java.net.URL getViewResource(java.lang.String file)
```

### **getStyleResource**

```
public java.net.URL getStyleResource(java.lang.String file)
```

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com.stp.cliente.control

## Class CercaFermateControl

java.lang.Object  
  com.stp.cliente.control.MainControl  
    com.stp.cliente.control.CercaFermateControl

```
public class CercaFermateControl
extends MainControl
```

### Constructor Summary

#### Constructors

##### Constructor and Description

**CercaFermateControl**(java.lang.String xmlFileName,  
javafx.stage.Stage window)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void **indietro()**

void **init()**

#### Methods inherited from class com.stp.cliente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setXmlFileName, start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### CercaFermateControl

```
public CercaFermateControl(java.lang.String xmlFileName,  
                           javafx.stage.Stage window)
```

## Method Detail

### init

```
public void init()
```

**Overrides:**

init in class MainControl

### indietro

```
public void indietro()
```

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com.stp.cliente.control

## Class CercaLineeControl

java.lang.Object  
  com.stp.cliente.control.MainControl  
    com.stp.cliente.control.CercaLineeControl

public class **CercaLineeControl**  
extends [MainControl](#)

### Nested Class Summary

#### Nested Classes

Modifier and Type	Class and Description
class	<a href="#">CercaLineeControl.IconOptions</a>
class	<a href="#">CercaLineeControl(IconsOptions)</a>

### Constructor Summary

#### Constructors

Constructor and Description
<a href="#">CercaLineeControl(java.lang.String xmlFileName, javafx.stage.Stage window)</a>

### Method Summary

#### All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
com.jfoenix.controls.JFXTreeTableView<com.stp.cliente.control.CercaLineeControl.LineaRecursive>	<a href="#">getTreeTable()</a>
void	<a href="#">indietro()</a>
void	<a href="#">init()</a>
void	<a href="#">setRouteMarker(com.lynden.gmapsfx.javascript.object.Marker mark)</a>

#### Methods inherited from class com.stp.cliente.control.MainControl

[getScene](#), [getStage](#), [getXmlFileName](#), [openDialog](#), [openDialog](#), [openDialog](#), [openDialog](#), [setCenter](#), [setXmlFileName](#), [start](#)

#### Methods inherited from class java.lang.Object

[equals](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

### Constructor Detail

#### CercaLineeControl

public CercaLineeControl(java.lang.String xmlFileName,  
                                 javafx.stage.Stage window)

### Method Detail

#### getTreeTable

public com.jfoenix.controls.JFXTreeTableView<com.stp.cliente.control.CercaLineeControl.LineaRecursive> [getTreeTable\(\)](#)

#### setRouteMarker

public void [setRouteMarker\(com.lynden.gmapsfx.javascript.object.Marker mark\)](#)

**init**

```
public void init()
```

**Overrides:**

```
init in class MainControl
```

**indietro**

```
public void indietro()
```

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com.stp.cliente.control

## Class CercaPercorsoControl

java.lang.Object

com.stp.cliente.control.MainControl

com.stp.cliente.control.CercaPercorsoControl

```
public class CercaPercorsoControl  
extends MainControl
```

### Constructor Summary

#### Constructors

##### Constructor and Description

```
CercaPercorsoControl(java.lang.String xmlFileName,  
javafx.stage.Stage window)
```

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void	<a href="#">calcolaPercorso()</a>
------	-----------------------------------

void	<a href="#">indietro()</a>
------	----------------------------

void	<a href="#">init()</a>
------	------------------------

#### Methods inherited from class com.stp.cliente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setXmlFileName, start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

## CercaPercorsoControl

```
public CercaPercorsoControl(java.lang.String xmlFileName,  
                            javafx.stage.Stage window)
```

### **Method Detail**

#### **init**

```
public void init()
```

**Overrides:**

[init](#) in class [MainControl](#)

#### **indietro**

```
public void indietro()
```

#### **calcolaPercorso**

```
public void calcolaPercorso()
```

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com.stp.cliente.control

## Class MainControl

java.lang.Object  
 com.stp.cliente.control.MainControl

**Direct Known Subclasses:**

CercaFermateControl, CercaLineeControl, CercaPercorsoControl, MenuUtenteControl

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

### **Constructor Summary**

**Constructors****Constructor and Description****MainControl**(java.lang.String xmlFileName, javafx.stage.Stage window)

### **Method Summary**

**All Methods****Instance Methods****Concrete Methods****Modifier and Type**    **Method and Description**javafx.scene.Scene **getScene()**javafx.stage.Stage **getStage()**java.lang.String **getXmlFileName()**void **init()**void **openDialog(javafx.scene.layout.Pane parentDialog,**  
java.lang.String message)void **openDialog(javafx.scene.layout.Pane parentDialog,**  
java.lang.String message,  
java.util.ArrayList<javafx.scene.control.Button> btns)void **openDialog(javafx.scene.layout.Pane parentDialog,**  
java.lang.String message,  
java.util.ArrayList<javafx.scene.control.Button> btns,  
double top, double bottom, double left, double right)

```
void          openDialog(javafx.scene.layout.Pane parentDialog,
                        java.lang.String message,
                        javafx.scene.control.Button btn)

void          openDialog(javafx.scene.layout.Pane parentDialog,
                        java.lang.String message, double top, double bottom,
                        double left, double right)

void          setCenter(int x, int y)

void          setXmlFileName(java.lang.String xmlFileName)

void          start()
```

## Methods inherited from class `java.lang.Object`

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait
```

## Constructor Detail

### MainControl

```
public MainControl(java.lang.String xmlFileName,
                   javafx.stage.Stage window)
```

## Method Detail

### getStage

```
public javafx.stage.Stage getStage()
```

### getScene

```
public javafx.scene.Scene getScene()
```

### start

```
public void start()
```

### init

```
public void init()
```

**setCenter**

```
public void setCenter(int x,  
                      int y)
```

**setXmlFileName**

```
public void setXmlFileName(java.lang.String xmlFileName)
```

**getXmlFileName**

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

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,  
                      java.lang.String message,  
                      java.util.ArrayList<javafx.scene.control.Button> btns)
```

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,  
                      java.lang.String message,  
                      javafx.scene.control.Button btn)
```

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,  
                      java.lang.String message)
```

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,  
                      java.lang.String message,  
                      java.util.ArrayList<javafx.scene.control.Button> btns,  
                      double top,  
                      double bottom,  
                      double left,  
                      double right)
```

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,  
                      java.lang.String message,  
                      double top,  
                      double bottom,  
                      double left,  
                      double right)
```

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com.stp.cliente.control

## Class MenuUtenteControl

```
java.lang.Object
    com.stp.cliente.control.MainControl
        com.stp.cliente.control.MenuUtenteControl
```

```
public class MenuUtenteControl
extends MainControl
```

### Constructor Summary

#### Constructors

##### Constructor and Description

```
MenuUtenteControl(java.lang.String xmlFileName,
javafx.stage.Stage window)
```

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void	init()
------	--------

### Methods inherited from class com.stp.cliente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setXmlFileName, start

### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### MenuUtenteControl

```
public MenuUtenteControl(java.lang.String xmlFileName,  
                         javafx.stage.Stage window)
```

## Method Detail

### init

```
public void init()
```

**Overrides:**

[init](#) in class [MainControl](#)

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com.stp.cliente.mode

|

## Class Fermata

java.lang.Object com.stp.cliente.model.Fermata

### All Implemented Interfaces:

java.util.Comparator&lt;Fermata&gt;

```
public class Fermata
extends java.lang.Object
implements java.util.Comparator<Fermata>
```

## Constructor Summary

### Constructors

#### Constructor and Description

**Fermata**(int idFermata, java.lang.String indirizzo,  
java.lang.String numeroCivico, double coordinataX, double coordinataY)

**Fermata**(int idFermata, java.lang.String indirizzo,  
java.lang.String numeroCivico, double coordinataX, double coordinataY,  
java.lang.String linea)

## Method Summary

### All Methods

### Instance Methods

### Concrete Methods

#### Modifier and Type Method and Description

int **compare**(Fermata o1, Fermata o2)

boolean **equals**(Fermata f)

double **getCoordinataX**()

double **getCoordinataY**()

int **getIdFermata**()

java.lang.String **getIndirizzo**()

java.lang.String **getLinee**()

<code>java.lang.String</code>	<code>getNumeroCivico()</code>
<code>void</code>	<code>setCoordinataX(double coordinataX)</code>
<code>void</code>	<code>setCoordinataY(double coordinataY)</code>
<code>void</code>	<code>setIdFermata(int idFermata)</code>
<code>void</code>	<code>setIndirizzo(java.lang.String indirizzo)</code>
<code>void</code>	<code>setLinee(java.lang.String linee)</code>
<code>void</code>	<code>setNumeroCivico(java.lang.String numeroCivico)</code>

## Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`

## Methods inherited from interface `java.util.Comparator`

`comparing`, `comparing`, `comparingDouble`, `comparingInt`, `comparingLong`, `equals`, `naturalOrder`, `nullsFirst`, `nullsLast`, `reversed`, `reverseOrder`, `thenComparing`, `thenComparing`, `thenComparing`, `thenComparingDouble`, `thenComparingInt`, `thenComparingLong`

## Constructor Detail

### Fermata

```
public Fermata(int idFermata,
               java.lang.String indirizzo,
               java.lang.String numeroCivico,
               double coordinataX,
               double coordinataY)
```

### Fermata

```
public Fermata(int idFermata,
               java.lang.String indirizzo,
               java.lang.String numeroCivico,
               double coordinataX,
               double coordinataY,
               java.lang.String linee)
```

## Method Detail

**getLinee**

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

**setLinee**

```
public void setLinee(java.lang.String linee)
```

**getIdFermata**

```
public int getIdFermata()
```

**setIdFermata**

```
public void setIdFermata(int idFermata)
```

**getIndirizzo**

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

**setIndirizzo**

```
public void setIndirizzo(java.lang.String indirizzo)
```

**getNumeroCivico**

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

**setNumeroCivico**

```
public void setNumeroCivico(java.lang.String numeroCivico)
```

**getCoordinataX**

```
public double getCoordinataX()
```

**setCoordinataX**

```
public void setCoordinataX(double coordinataX)
```

### **getCoordinataY**

```
public double getCoordinataY()
```

### **setCoordinataY**

```
public void setCoordinataY(double coordinataY)
```

### **compare**

```
public int compare(Fermata o1,  
                   Fermata o2)
```

**Specified by:**

compare in interface java.util.Comparator<Fermata>

### **equals**

```
public boolean equals(Fermata f)
```

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com.stp.cliente.mode

|

## Class Linea

java.lang.Object

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

### Constructor Summary

#### Constructors

##### Constructor and Description

**Linea(int idLinea, java.time.LocalTime oraInizioCorsa, java.time.LocalTime oraFineCorsa, java.time.LocalTime durata, int nBusConsigliato)**

**Linea(int idLinea, java.time.LocalTime oraInizioCorsa, java.time.LocalTime oraFineCorsa, java.time.LocalTime durata, int nBusConsigliato, java.time.LocalTime oraInizioCorsaFestivo, java.time.LocalTime oraFineCorsaFestivo, java.time.LocalTime durataFestivo, int nBusConsigliatoFestivo)**

**Linea(int idLinea, java.time.LocalTime oraInizioCorsa, java.time.LocalTime oraFineCorsa, java.time.LocalTime durata, int nBusConsigliato, java.time.LocalTime oraInizioCorsaFestivo, java.time.LocalTime oraFineCorsaFestivo, java.time.LocalTime durataFestivo, int nBusConsigliatoFestivo, java.util.ArrayList<Fermata> fermate, Fermata capA, Fermata capB)**

**Linea(int idLinea, java.lang.String oraInizioCorsa, java.lang.String oraFineCorsa, java.lang.String durata, int nBusConsigliato, java.util.ArrayList<Fermata> fermate, Fermata capA, Fermata capB)**

**Linea(int idLinea, java.lang.String oraInizioCorsa, java.lang.String oraFineCorsa, java.lang.String durata, int nBusConsigliato, Fermata capA, Fermata capB)**

**Linea(int idLinea, java.lang.String oraInizioCorsa, java.lang.String oraFineCorsa, java.lang.String durata, int nBusConsigliato, java.lang.String oraInizioCorsaFestivo, java.lang.String oraFineCorsaFestivo, java.lang.String durataFestivo, int nBusConsigliatoFestivo, java.util.ArrayList<Fermata> fermate, Fermata capA, Fermata capB)**

**Linea(int idLinea, java.lang.String oraInizioCorsa, java.lang.String oraFineCorsa, java.lang.String durata, int nBusConsigliato, java.lang.String oraInizioCorsaFestivo, java.lang.String oraFineCorsaFestivo, java.lang.String durataFestivo, int nBusConsigliatoFestivo, Fermata capA, Fermata capB)**

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method and Description

void

**addFermata(int index, Fermata fermata)****Fermata****getCapA()**

Fermata	<code>getCapB()</code>
<code>java.time.LocalTime</code>	<code>getDurata()</code>
<code>java.time.LocalTime</code>	<code>getDurataFestivo()</code>
<code>java.util.ArrayList&lt;Fermata&gt;</code>	<code>getFermate()</code>
int	<code>getIdLinea()</code>
int	<code>getnBusConsigliato()</code>
int	<code>getnBusConsigliatoFestivo()</code>
<code>java.time.LocalTime</code>	<code>getOraFineCorsa()</code>
<code>java.time.LocalTime</code>	<code>getOraFineCorsaFestivo()</code>
<code>java.time.LocalTime</code>	<code>getOraInizioCorsa()</code>
<code>java.time.LocalTime</code>	<code>getOraInizioCorsaFestivo()</code>
void	<code>removeFermata(int index)</code>
void	<code>setCapA(Fermata capA)</code>
void	<code>setCapB(Fermata capB)</code>
void	<code>setDurata(java.time.LocalTime durata)</code>
void	<code>setDurataFestivo(java.time.LocalTime durataFestivo)</code>
void	<code>setFermate(java.util.ArrayList&lt;Fermata&gt; fermate)</code>
void	<code>setIdLinea(int idLinea)</code>
void	<code>setnBusConsigliato(int nBusConsigliato)</code>
void	<code>setnBusConsigliatoFestivo(int nBusConsigliatoFestivo)</code>
void	<code>setOraFineCorsa(java.time.LocalTime oraFineCorsa)</code>
void	<code>setOraFineCorsaFestivo(java.time.LocalTime oraFineCorsaFestivo)</code>
void	<code>setOraInizioCorsa(java.time.LocalTime oraInizioCorsa)</code>
void	<code>setOraInizioCorsaFestivo(java.time.LocalTime oraInizioCorsaFestivo)</code>

### Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

### Constructor Detail

#### Linea

```
public Linea(int idLinea,
            java.lang.String oraInizioCorsa,
            java.lang.String oraFineCorsa,
            java.lang.String durata,
            int nBusConsigliato,
            java.lang.String oraInizioCorsaFestivo,
            java.lang.String oraFineCorsaFestivo,
            java.lang.String durataFestivo,
            int nBusConsigliatoFestivo,
            java.util.ArrayList<Fermata> fermate,
            Fermata capA,
            Fermata capB)
throws LineaException
```

**Throws:**

LineaException

**Linea**

```
public Linea(int idLinea,
            java.lang.String oraInizioCorsa,
            java.lang.String oraFineCorsa,
            java.lang.String durata,
            int nBusConsigliato,
            java.lang.String oraInizioCorsaFestivo,
            java.lang.String oraFineCorsaFestivo,
            java.lang.String durataFestivo,
            int nBusConsigliatoFestivo,
            Fermata capA,
            Fermata capB)
throws LineaException
```

**Throws:**

LineaException

**Linea**

```
public Linea(int idLinea,
            java.lang.String oraInizioCorsa,
            java.lang.String oraFineCorsa,
            java.lang.String durata,
            int nBusConsigliato,
            Fermata capA,
            Fermata capB)
throws LineaException
```

**Throws:**

LineaException

**Linea**

```
public Linea(int idLinea,
            java.lang.String oraInizioCorsa,
            java.lang.String oraFineCorsa,
            java.lang.String durata,
            int nBusConsigliato,
            java.util.ArrayList<Fermata> fermate,
            Fermata capA,
            Fermata capB)
throws LineaException
```

**Throws:**

LineaException

**Linea**

```
public Linea(int idLinea,
            java.time.LocalTime oraInizioCorsa,
            java.time.LocalTime oraFineCorsa,
            java.time.LocalTime durata,
            int nBusConsigliato,
```

```
        java.time.LocalTime oraInizioCorsaFestivo,
        java.time.LocalTime oraFineCorsaFestivo,
        java.time.LocalTime durataFestivo,
        int nBusConsigliatoFestivo,
        java.util.ArrayList<Fermata> fermate,
        Fermata capA,
        Fermata capB)
throws LineaException
```

**Throws:**

[LineaException](#)

## Linea

```
public Linea(int idLinea,
            java.time.LocalTime oraInizioCorsa,
            java.time.LocalTime oraFineCorsa,
            java.time.LocalTime durata,
            int nBusConsigliato,
            java.time.LocalTime oraInizioCorsaFestivo,
            java.time.LocalTime oraFineCorsaFestivo,
            java.time.LocalTime durataFestivo,
            int nBusConsigliatoFestivo)
throws LineaException
```

**Throws:**

[LineaException](#)

## Linea

```
public Linea(int idLinea,
            java.time.LocalTime oraInizioCorsa,
            java.time.LocalTime oraFineCorsa,
            java.time.LocalTime durata,
            int nBusConsigliato)
throws LineaException
```

**Throws:**

[LineaException](#)

## Method Detail

### getCapA

```
public Fermata getCapA()
```

### setCapA

```
public void setCapA(Fermata capA)
```

### getCapB

```
public Fermata getCapB()
```

**setCapB**

```
public void setCapB(Fermata capB)
```

**addFermata**

```
public void addFermata(int index,  
                      Fermata fermata)
```

**getIdLinea**

```
public int getIdLinea()
```

**setIdLinea**

```
public void setIdLinea(int idLinea)
```

**getOraInizioCorsa**

```
public java.time.LocalTime getOraInizioCorsa()
```

**setOraInizioCorsa**

```
public void setOraInizioCorsa(java.time.LocalTime oraInizioCorsa)
```

**getOraFineCorsa**

```
public java.time.LocalTime getOraFineCorsa()
```

**setOraFineCorsa**

```
public void setOraFineCorsa(java.time.LocalTime oraFineCorsa)
```

**getDurata**

```
public java.time.LocalTime getDurata()
```

**setDurata**

```
public void setDurata(java.time.LocalTime durata)
```

**getnBusConsigliato**

```
public int getnBusConsigliato()
```

**setnBusConsigliato**

```
public void setnBusConsigliato(int nBusConsigliato)
```

#### **getOraInizioCorsaFestivo**

```
public java.time.LocalTime getOraInizioCorsaFestivo()
```

#### **setOraInizioCorsaFestivo**

```
public void setOraInizioCorsaFestivo(java.time.LocalTime oraInizioCorsaFestivo)
```

#### **getOraFineCorsaFestivo**

```
public java.time.LocalTime getOraFineCorsaFestivo()
```

#### **setOraFineCorsaFestivo**

```
public void setOraFineCorsaFestivo(java.time.LocalTime oraFineCorsaFestivo)
```

#### **getDurataFestivo**

```
public java.time.LocalTime getDurataFestivo()
```

#### **setDurataFestivo**

```
public void setDurataFestivo(java.time.LocalTime durataFestivo)
```

#### **getnBusConsigliatoFestivo**

```
public int getnBusConsigliatoFestivo()
```

#### **setnBusConsigliatoFestivo**

```
public void setnBusConsigliatoFestivo(int nBusConsigliatoFestivo)
```

#### **getFermate**

```
public java.util.ArrayList<Fermata> getFermate()
```

#### **setFermate**

```
public void setFermate(java.util.ArrayList<Fermata> fermate)
```

#### **removeFermata**

```
public void removeFermata(int index)
```

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com.stp.cliente.util

## Class Connection

java.lang.Object  
 com.stp.cliente.util.Connection

---

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

### Constructor Summary

#### Constructors

##### Constructor and Description

`Connection()`

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method and Description

java.util.ArrayList<JSONObject>	<code>calcolaPercorso(double lat1, double lon1, double lat2, double lon2)</code>
---------------------------------	--

java.util.ArrayList<Linea>	<code>cercaLineaElenco(java.lang.String ricerca)</code>
----------------------------	---

void	<code>close()</code>
------	----------------------

java.util.ArrayList<Fermata>	<code>getFermateRaggio(double lat, double lon, double meters)</code>
------------------------------	--

java.util.ArrayList<Linea>	<code>getLinee()</code>
----------------------------	-------------------------

void	<code>getLineeFermate(Linea linea)</code>
------	---

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait
---

### Constructor Detail

## Connection

```
public Connection()
    throws java.net.UnknownHostException,
           java.io.IOException,
           ConnectionException
```

**Throws:**

```
java.net.UnknownHostException
java.io.IOException
ConnectionException
```

## Method Detail

### getLinee

```
public java.util.ArrayList<Linea> getLinee()
    throws java.io.IOException,
           JSONException,
           LineaException
```

**Throws:**

```
java.io.IOException
JSONException
LineaException
```

### cercaLineaElenco

```
public java.util.ArrayList<Linea> cercaLineaElenco(java.lang.String ricerca)
    throws java.io.IOException,
           JSONException,
           LineaException
```

**Throws:**

```
java.io.IOException
JSONException
LineaException
```

### getLineeFermate

```
public void getLineeFermate(Linea linea)
    throws java.io.IOException,
           JSONException,
```

## LineaException

### Throws:

`java.io.IOException`  
`JSONException`  
`LineaException`

### getFermateRaggio

```
public java.util.ArrayList<Fermata> getFermateRaggio(double lat,  
                                                 double lon,  
                                                 double meters)  
throws java.io.IOException,  
      JSONException,  
      LineaException
```

### Throws:

`java.io.IOException`  
`JSONException`  
`LineaException`

### calcolaPercorso

```
public java.util.ArrayList<JSONObject> calcolaPercorso(double lat1,  
                                                 double lon1,  
                                                 double lat2,  
                                                 double lon2)  
throws java.io.IOException,  
      JSONException,  
      LineaException
```

### Throws:

`java.io.IOException`  
`JSONException`  
`LineaException`

### close

```
public void close()
```

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com.stp.cliente.util

## Class ConnectionException

java.lang.Object  
  java.lang.Throwable  
    java.lang.Exception  
      com.stp.cliente.util.ConnectionException

### All Implemented Interfaces:

java.io.Serializable

---

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

### See Also:

Serialized Form

## Constructor Summary

### Constructors

#### Constructor and Description

<b>ConnectionException</b> (java.lang.String errore)
--

## Method Summary

### All Methods

### Instance Methods

### Concrete Methods

#### Modifier and Type      Method and Description

int	<b>getErrorCode()</b>
-----	-----------------------

ConnectionException	<b>setErrorCode(int code)</b>
---------------------	-------------------------------

## Methods inherited from class java.lang.Throwable

addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace, getSuppressed, initCause, printStackTrace, printStackTrace, printStackTrace, toString

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

## **Constructor Detail**

### **ConnectionException**

```
public ConnectionException(java.lang.String errore)
```

## **Method Detail**

### **setErrorCode**

```
public ConnectionException setErrorCode(int code)
```

### **getErrorCode**

```
public int getErrorCode()
```

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com.stp.cliente.util

## Class LineaException

java.lang.Object  
  java.lang.Throwable  
    java.lang.Exception  
      com.stp.cliente.util.LineaException

### All Implemented Interfaces:

java.io.Serializable

---

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

### See Also:

Serialized Form

## Constructor Summary

### Constructors

#### Constructor and Description

[LineaException\(java.lang.String errore\)](#)

## Method Summary

### Methods inherited from class java.lang.Throwable

addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace, getSuppressed, initCause, printStackTrace, printStackTrace, printStackTrace, setStackTrace, toString

### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

## Constructor Detail

### LineaException

```
public LineaException(java.lang.String errore)
```

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# **PACKAGE DIPENDENTE**

com.stp.dipendente

## Class MainApp

java.lang.Object  
    javafx.application.Application  
        com.stp.dipendente.MainApp

---

```
public class MainApp
extends javafx.application.Application
```

### Nested Class Summary

#### Nested classes/interfaces inherited from class javafx.application.Application

javafx.application.Application.Parameters

### Field Summary

#### Fields inherited from class javafx.application.Application

STYLESHEET\_CASPIAN, STYLESHEET\_MODENA

### Constructor Summary

#### Constructors

##### Constructor and Description

MainApp()

### Method Summary

#### All Methods

#### Static Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void

initLoginWindow()

```
static void         main(java.lang.String[] args)
void              setCenter(int x, int y)
void              start(javafx.stage.Stage stage)
```

## Methods inherited from class javafx.application.Application

getHostServices, getParameters, getUserAgentStylesheet, init, launch, launch, notifyPreloader, setUserAgentStylesheet, stop

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Constructor Detail

### MainApp

```
public MainApp()
```

## Method Detail

### start

```
public void start(javafx.stage.Stage stage)
```

**Specified by:**

start in class javafx.application.Application

### initLoginWindow

```
public void initLoginWindow()
```

### setCenter

```
public void setCenter(int x,
                      int y)
```

### main

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

OVERVIEW PACKAGE CLASS USE TREE DEPRECATED INDEX HELP

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SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

com.stp.dipendente.amministrativo.control

## Class CompilaStipendioControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.ElencoDipendentiControl

com.stp.dipendente.amministrativo.control.CompilaStipendioControl

```
public class CompilaStipendioControl
```

```
extends ElencoDipendentiControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from  
class com.stp.dipendente.control.ElencoDipendentiControl**

```
ElencoDipendentiControl.DipendenteRecursive
```

### Constructor Summary

#### Constructors

##### Constructor and Description

```
CompilaStipendioControl (java.lang.String  
xmlFileName, javafx.stage.Stage window, Dipendente  
cliente)
```

### Method Summary

#### All Methods

#### Static Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type      Method and Description

void	action(Dipendente dipendente)
------	-------------------------------

void	aggiornaCompetenzeTrattenute()
------	--------------------------------

void	aggiornaInpoLordo()
------	---------------------

void	cercaPersonale()
------	------------------

```
void           getDipendenti()
void           init()
static boolean isNumeric(java.lang.String str)
```

## Methods inherited from class com.stp.dipendente.control.ElencoDipendentiControl

getContentPane, getDipendentiObservable, getElencoDipendenti, getFiltro, getRoot, getTreeTable, menuDipendente, setFiltro

## Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, toogleCartellino

## Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

## Constructor Detail

### CompilaStipendioControl

```
public CompilaStipendioControl(java.lang.String xmlFileName,
                                javafx.stage.Stage
                                window, Dipendente
                                cliente)
```

## Method Detail

### cercaPersonale

```
public void cercaPersonale()
```

Overrides:

cercaPersonale in class ElencoDipendentiControl

## getDipendenti

```
public void getDipendenti()
```

### Overrides:

`getDipendenti` in class `ElencoDipendentiControl`

## init

```
public void init()
```

### Overrides:

`init` in class `ElencoDipendentiControl`

## action

```
public void action(Dipendente dipendente)
```

### Overrides:

`action` in class `ElencoDipendentiControl`

## aggiornaCompetenzeTrattenute

```
public void aggiornaCompetenzeTrattenute()
```

## aggiornaInpoLordo

```
public void aggiornaInpoLordo()
```

## isNumeric

```
public static boolean isNumeric(java.lang.String str)
```

com.stp.dipendente.amministrativo.control

## Class GestionePersonaleControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.ElencoDipendentiControl

com.stp.dipendente.amministrativo.control.GestionePersonaleControl

```
public class GestionePersonaleControl
extends ElencoDipendentiControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from  
class com.stp.dipendente.control.ElencoDipendentiControl**

ElencoDipendentiControl.DipendenteRecursive

### Constructor Summary

#### Constructors

#### Constructor and Description

**GestionePersonaleControl** (java.lang.String  
xmlFileName, javafx.stage.Stage window, **Dipendente**  
cliente)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void **action(Dipendente dipendente)**void **aggiornaDatiDipendente()**void **aggiungiDipendente()**void **init()**

## Methods inherited from

### class com.stp.dipendente.control.ElencoDipendentiControl

cercaPersonale, getContentPane, getDipendenti, getDipendentiObservable, getElencoDipendenti, getFiltro, getRoot, getTreeTable, menuDipendente, setFiltro

## Methods inherited from

### class com.stp.dipendente.control.MainControlLogged

getUtente, toogleCartellino

## Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

## Constructor Detail

### GestionePersonaleControl

```
public GestionePersonaleControl(java.lang.String xmlFileName,  
                                javafx.stage.Stage  
                                window, Dipendente  
                                cliente)
```

## Method Detail

### init

```
public void init()
```

**Overrides:**

init in class ElencoDipendentiControl

### aggiornaDatiDipendente

```
public void aggiornaDatiDipendente()
```

## aggiungiDipendente

```
public void aggiungiDipendente()
```

## action

```
public void action(Dipendente dipendente)
```

**Overrides:**

`action` in class [ElencoDipendentiControl](#)

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com.stp.dipendente.amministrativo.control

## Class GestioneTurniControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.ElencoDipendentiControl

com.stp.dipendente.amministrativo.control.GestioneTurniControl

```
public class GestioneTurniControl  
extends ElencoDipendentiControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from class com.stp.dipendente.control.ElencoDipendentiControl**

ElencoDipendentiControl.DipendenteRecursive

### Constructor Summary

#### Constructors

##### Constructor and Description

**GestioneTurniControl** (java.lang.String xmlFileName, javafx.stage.Stage window, Dipendente cliente)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void action(Dipendente dipendente)

void init()

**Methods inherited from class com.stp.dipendente.control.ElencoDipendentiControl**

cercaPersonale, getContentPane, getDipendenti, getDipendentiObservable, getElencoDipendenti, getFiltro, getRoot, getTreeTable, menuDipendente, setFiltro

### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, toogleCartellino

### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

## Constructor Detail

### GestioneTurniControl

```
public GestioneTurniControl(java.lang.String xmlFileName,  
                            javafx.stage.Stage  
                            window, Dipendente  
                            cliente)
```

## Method Detail

### init

```
public void init()
```

**Overrides:**

init in class ElencoDipendentiControl

### action

```
public void action(Dipendente dipendente)
```

**Overrides:**

action in class ElencoDipendentiControl

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com.stp.dipendente.amministrativo.control

## Class MenuAmministrativoControl

java.lang.Object

    com.stp.dipendente.control.MainControl

        com.stp.dipendente.control.MainControlLogged

            com.stp.dipendente.amministrativo.control.MenuAmministrativoControl

---

```
public class MenuAmministrativoControl
extends MainControlLogged
```

### Constructor Summary

#### Constructors

##### Constructor and Description

<b>MenuAmministrativoControl</b> (java.lang.String xmlFileName, javafx.stage.Stage window, <b>Dipendente</b> cliente)
---

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type     Method and Description

void	<b>init()</b>
------	---------------

#### Methods inherited from

#### class com.stp.dipendente.control.MainControlLogged

getUtente, togleCartellino
----------------------------

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start
--

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait
---

## **Constructor Detail**

### **MenuAmministrativoControl**

```
public MenuAmministrativoControl(java.lang.String xmlFileName,  
                                 javafx.stage.Stage  
                                 window, Dipendente  
                                 cliente)
```

## **Method Detail**

### **init**

```
public void init()
```

**Overrides:**

[init](#) in class [MainControlLogged](#)

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com.stp.dipendente.control

## Class ElencoAutobusControl

java.lang.Object  
  com.stp.dipendente.control.MainControl  
    com.stp.dipendente.control.MainControlLogged  
      com.stp.dipendente.control.ElencoAutobusControl

### Direct Known Subclasses:

EntrataUscitaAutobusControl, GestioneAutobusControl, GestioneGuastiControl

public class ElencoAutobusControl  
extends MainControlLogged

### Nested Class Summary

Modifier and Type	Class and Description
class	ElencoAutobusControl.AutobusRecursive

### Constructor Summary

Constructors
Constructor and Description
ElencoAutobusControl(java.lang.String xmlFileName, javafx.stage.Stage window, Dipendente utente)

### Method Summary

All Methods	Instance Methods	Concrete Methods	Method and Description
Modifier and Type			
void			action(ElencoAutobusControl.AutobusRecursive autobus)
void			cercaAutobus()
javafx.collections.ObservableList<ElencoAutobusControl.AutobusRecursive>			getAutobusObservable()
javafx.scene.layout.AnchorPane			getContentHeader()
java.util.List<Autobus>			getElencoAutobus()
com.jfoenix.controls.JFXTreeTableView<ElencoAutobusControl.AutobusRecursive>			getTreeTable()
void			init()

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, togleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### ElencoAutobusControl

public ElencoAutobusControl(java.lang.String xmlFileName,  
                                  javafx.stage.Stage window,  
                                  Dipendente utente)

## Method Detail

### getElencoAutobus

```
public java.util.List<Autobus> getElencoAutobus()
```

### getAutobusObservable

```
public javafx.collections.ObservableList<ElencoAutobusControl.AutobusRecursive> getAutobusObservable()
```

### cercaAutobus

```
public void cercaAutobus()
```

### getContentHeader

```
public javafx.scene.layout.AnchorPane getContentHeader()
```

### getTreeTable

```
public com.jfoenix.controls.JFXTreeTableView<ElencoAutobusControl.AutobusRecursive> getTreeTable()
```

### init

```
public void init()
```

**Overrides:**

init in class MainControlLogged

### action

```
public void action(ElencoAutobusControl.AutobusRecursive autobus)
```

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com.stp.dipendente.control

## Class ElencoDipendentiControl

```
java.lang.Object
  com.stp.dipendente.control.MainControl
    com.stp.dipendente.control.MainControlLogged
      com.stp.dipendente.control.ElencoDipendentiControl
```

**Direct Known Subclasses:**`AssociaAutistaALineaControl, CompilaStipendioControl, GestionePersonaleControl, GestioneTurniControl`

```
public class ElencoDipendentiControl
extends MainControlLogged
```

### Nested Class Summary

**Nested Classes**

Modifier and Type	Class and Description
class	<code>ElencoDipendentiControl.DipendenteRecursive</code>

### Constructor Summary

**Constructors**

Constructor and Description
<code>ElencoDipendentiControl(java.lang.String xmlFileName, javafx.stage.Stage window, Dipendente utente)</code>

### Method Summary

**All Methods****Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
void	<code>action(Dipendente dipendente)</code>
void	<code>cercaPersonale()</code>
javafx.scene.layout.AnchorPane	<code>getContentPane()</code>
void	<code>getDipendenti()</code>
javafx.collections.ObservableList<ElencoDipendentiControl.DipendenteRecursive>	<code>getDipendentiObservable()</code>
java.util.ArrayList<Dipendente>	<code>getElencoDipendenti()</code>
int	<code>getFiltro()</code>
javafx.scene.layout.BorderPane	<code>getRoot()</code>
com.jfoenix.controls.JFXTreeTableView<ElencoDipendentiControl.DipendenteRecursive>	<code>getTreeTable()</code>
void	<code>init()</code>
void	<code>menuDipendente()</code>
<code>ElencoDipendentiControl</code>	<code>setFiltro(int filtro)</code>

**Methods inherited from class com.stp.dipendente.control.MainControlLogged**`getUtente, toogleCartellino`**Methods inherited from class com.stp.dipendente.control.MainControl**`getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog,`

```
setCenter, setPkg, setXmlFileName, start
```

#### Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait
```

#### Constructor Detail

##### ElencoDipendentiControl

```
public ElencoDipendentiControl(java.lang.String xmlFileName,  
                               javafx.stage.Stage window,  
                               Dipendente utente)
```

#### Method Detail

##### getDipendentiObservable

```
public javafx.collections.ObservableList<ElencoDipendentiControl.DipendenteRecursive> getDipendentiObservable()
```

##### getElencoDipendenti

```
public java.util.ArrayList<Dipendente> getElencoDipendenti()
```

##### getFiltro

```
public int getFiltro()
```

##### setFiltro

```
public ElencoDipendentiControl setFiltro(int filtro)
```

##### cercaPersonale

```
public void cercaPersonale()
```

##### getRoot

```
public javafx.scene.layout.BorderPane getRoot()
```

##### getContentPane

```
public javafx.scene.layout.AnchorPane getContentPane()
```

##### getTreeTable

```
public com.jfoenix.controls.JFXTreeTableView<ElencoDipendentiControl.DipendenteRecursive> getTreeTable()
```

##### menuDipendente

```
public void menuDipendente()
```

##### init

```
public void init()  
  
Overrides:  
init in class MainControlLogged
```

#### getDipendenti

```
public void getDipendenti()
```

#### action

```
public void action(Dipendente dipendente)
```

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com.stp.dipendente.control

## Class ElencoFermateControl

```
java.lang.Object
  com.stp.dipendente.control.MainControl
    com.stp.dipendente.control.MainControlLogged
      com.stp.dipendente.control.ElencoFermateControl
```

**Direct Known Subclasses:**

GestioneFermateControl

```
public class ElencoFermateControl
extends MainControlLogged
```

### Nested Class Summary

**Nested Classes**

Modifier and Type	Class and Description
class	<a href="#">ElencoFermateControl.FermataRecursive</a>

### Constructor Summary

**Constructors**

Constructor and Description
<a href="#">ElencoFermateControl(java.lang.String xmlFileName, javafx.stage.Stage window, Dipendente utente)</a>

### Method Summary

**All Methods**    **Instance Methods**    **Concrete Methods**

Modifier and Type	Method and Description
void	<a href="#">aggiornaLista()</a>
void	<a href="#">getFermate()</a>
com.jfoenix.controls.JFXTreeTableView<ElencoFermateControl.FermataRecursive>	<a href="#">getTreeTable()</a>
void	<a href="#">init()</a>

**Methods inherited from class com.stp.dipendente.control.MainControlLogged**

getUtente, toogleCartellino

**Methods inherited from class com.stp.dipendente.control.MainControl**

```
getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog,
openDialog, openDialog, setCenter, setPkg, setXmlFileName, start
```

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Constructor Detail

### ElencoFermateControl

```
public ElencoFermateControl(java.lang.String xmlFileName,
                            javafx.stage.Stage window,
                            Dipendente utente)
```

## Method Detail

### aggiornaLista

```
public void aggiornaLista()
```

### getTreeTable

```
public com.jfoenix.controls.JFXTreeTableView<ElencoFermateControl.FermataRecursive> getTreeTable()
```

### init

```
public void init()
```

Overrides:

init in class MainControlLogged

### getFermate

```
public void getFermate()
```

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com.stp.dipendente.control

## Class ElencoLineeControl

```
java.lang.Object
  com.stp.dipendente.control.MainControl
    com.stp.dipendente.control.MainControlLogged
      com.stp.dipendente.control.ElencoLineeControl
```

**Direct Known Subclasses:**

GestioneLineeControl

```
public class ElencoLineeControl
extends MainControlLogged
```

### Nested Class Summary

Nested Classes	
Modifier and Type	Class and Description
class	<a href="#">ElencoLineeControl.LineaRecursive</a>

### Constructor Summary

Constructors	
Constructor and Description	
<a href="#">ElencoLineeControl(java.lang.String xmlFileName, javafx.stage.Stage window, Dipendente utente)</a>	

### Method Summary

All Methods	Instance Methods	Concrete Methods	Method and Description
Modifier and Type			
void			<a href="#">action(ElencoLineeControl.LineaRecursive item)</a>
void			<a href="#">aggiungiLinea()</a>
void			<a href="#">cercaLinea()</a>
com.jfoenix.controls.JFXButton			<a href="#">getAggiungiLineaButton()</a>
java.util.List<Linea>			<a href="#">getElencoLinee()</a>
void			<a href="#">getLinee()</a>
javafx.collections.ObservableList<ElencoLineeControl.LineaRecursive>			<a href="#">getLineeObservable()</a>
com.jfoenix.controls.JFXTreeTableView<ElencoLineeControl.LineaRecursive>			<a href="#">getTreeTable()</a>
void			<a href="#">init()</a>
void			<a href="#">menuDipendente()</a>

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, toogleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

```
getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start
```

#### Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

## Constructor Detail

### ElencoLineeControl

```
public ElencoLineeControl(java.lang.String xmlFileName,
                          javafx.stage.Stage window,
                          Dipendente utente)
```

## Method Detail

### getElencoLinee

```
public java.util.List<Linea> getElencoLinee()
```

### getLineeObservable

```
public javafx.collections.ObservableList<ElencoLineeControl.LineaRecursive> getLineeObservable()
```

### cercaLinea

```
public void cercaLinea()
```

### aggiungiLinea

```
public void aggiungiLinea()
```

### getTreeTable

```
public com.jfoenix.controls.JFXTreeTableView<ElencoLineeControl.LineaRecursive> getTreeTable()
```

### getAggiungiLineaButton

```
public com.jfoenix.controls.JFXButton getAggiungiLineaButton()
```

### menuDipendente

```
public void menuDipendente()
```

### init

```
public void init()
```

#### Overrides:

```
init in class MainControlLogged
```

### action

```
public void action(ElencoLineeControl.LineaRecursive item)
```

### getLinee

```
public void getLinee()
```

com.stp.dipendente.control

## Class LoginControl

java.lang.Object  
  com.stp.dipendente.control.MainControl  
    com.stp.dipendente.control.LoginControl

```
public class LoginControl
extends MainControl
```

### Constructor Summary

#### Constructors

##### Constructor and Description

**LoginControl**(java.lang.String xmlFileName, javafx.stage.Stage window)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type     Method and Description

void     **init()**

### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

### Constructor Detail

**LoginControl**

```
public LoginControl(java.lang.String xmlFileName,  
                   javafx.stage.Stage window)
```

## Method Detail

### init

```
public void init()
```

**Overrides:**

[init](#) in class [MainControl](#)

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com.stp.dipendente.control

## Class MainControl

java.lang.Object

com.stp.dipendente.control.MainControl

**Direct Known Subclasses:**

LoginControl, MainControlLogged

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

### **Constructor Summary**

**Constructors****Constructor and Description****MainControl**(java.lang.String xmlFileName, javafx.stage.Stage window)

### **Method Summary**

**All Methods****Instance Methods****Concrete Methods****Modifier and Type**    **Method and Description**javafx.scene.Scene **getScene()**javafx.stage.Stage **getStage()**java.lang.String **getXmlFileName()**void **init()**void **openDialog(javafx.scene.layout.Pane parentDialog,**  
java.lang.String message)void **openDialog(javafx.scene.layout.Pane parentDialog,**  
java.lang.String message,  
java.util.ArrayList<javafx.scene.control.Button> btns)void **openDialog(javafx.scene.layout.Pane parentDialog,**  
java.lang.String message,  
java.util.ArrayList<javafx.scene.control.Button> btns,  
double top, double bottom, double left, double right)

void	<b>openDialog</b> (javafx.scene.layout.Pane parentDialog, java.lang.String message, javafx.scene.control.Button btn)
void	<b>openDialog</b> (javafx.scene.layout.Pane parentDialog, java.lang.String message, javafx.scene.control.Button btn, double top, double bottom, double left, double right)
void	<b>openDialog</b> (javafx.scene.layout.Pane parentDialog, java.lang.String message, double top, double bottom, double left, double right)
void	<b>setCenter</b> (int x, int y)
<b>MainControl</b>	<b>setPkg</b> (java.lang.String pkg)
void	<b>setXmlFileName</b> (java.lang.String xmlFileName)
void	<b>start()</b>

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Constructor Detail

### MainControl

```
public MainControl(java.lang.String xmlFileName,  
                   javafx.stage.Stage window)
```

## Method Detail

### getStage

```
public javafx.stage.Stage getStage()
```

### getScene

```
public javafx.scene.Scene getScene()
```

### setPkg

```
public MainControl setPkg(java.lang.String pkg)
```

**start**

```
public void start()
```

**init**

```
public void init()
```

**setCenter**

```
public void setCenter(int x,  
                      int y)
```

**setXmlFileName**

```
public void setXmlFileName(java.lang.String xmlFileName)
```

**getXmlFileName**

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

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,  
                      java.lang.String message,  
                      java.util.ArrayList<javafx.scene.control.Button> btns)
```

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,  
                      java.lang.String message,  
                      javafx.scene.control.Button btn)
```

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,  
                      java.lang.String message)
```

**openDialog**

```
public void openDialog(javafx.scene.layout.Pane parentDialog,
                      java.lang.String message,
                      java.util.ArrayList<javafx.scene.control.Button> btns,
                      double top,
                      double bottom,
                      double left,
                      double right)
```

## openDialog

```
public void openDialog(javafx.scene.layout.Pane parentDialog,
                      java.lang.String message,
                      double top,
                      double bottom,
                      double left,
                      double right)
```

## openDialog

```
public void openDialog(javafx.scene.layout.Pane parentDialog,
                      java.lang.String message,
                      javafx.scene.control.Button btn,
                      double top,
                      double bottom,
                      double left,
                      double right)
```

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com.stp.dipendente.control

## Class MainControlLogged

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

**Direct Known Subclasses:**

AssociaFermataALineaControl, ElencoAutobusControl, ElencoDipendentiControl,  
 ElencoFermateControl, ElencoLineeControl, MenuAmministrativoControl,  
 MenuDepositoControl, MenuDipendenteControl, MenuLogisticaControl,  
 VisualizzaCedolinoControl, VisualizzaDatiControl, VisualizzaTurniControl

---

```
public class MainControlLogged
extends MainControl
```

### Constructor Summary

**Constructors****Constructor and Description**

**MainControlLogged**(java.lang.String xmlFileName,  
 javafx.stage.Stage window, **Dipendente** utente)

### Method Summary

**All Methods****Instance Methods****Concrete Methods****Modifier and Type**    **Method and Description**

<b>Dipendente</b>	<b>getUtente()</b>
-------------------	--------------------

void	<b>init()</b>
------	---------------

void	<b>toogleCartellino()</b>
------	---------------------------

**Methods inherited from class com.stp.dipendente.control.MainControl**

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog,  
 openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName,  
 start

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

## Constructor Detail

### MainControlLogged

```
public MainControlLogged(java.lang.String xmlFileName,  
                         javafx.stage.Stage window,  
                         Dipendente utente)
```

## Method Detail

### getUtente

```
public Dipendente getUtente()
```

### init

```
public void init()
```

**Overrides:**

init in class MainControl

### toogleCartellino

```
public void toogleCartellino()
```

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com.stp.dipendente.control

## Class MenuDipendenteControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.MenuDipendenteControl

```
public class MenuDipendenteControl  
extends MainControlLogged
```

### Constructor Summary

#### Constructors

##### Constructor and Description

```
MenuDipendenteControl(java.lang.String xmlFileName,  
javafx.stage.Stage window, Dipendente utente)
```

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type     Method and Description

void	init()
------	--------

#### Methods inherited from

#### class com.stp.dipendente.control.MainControlLogged

getUtente, togleCartellino
----------------------------

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start
--

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait
---

## **Constructor Detail**

### **MenuDipendenteControl**

```
public MenuDipendenteControl(java.lang.String xmlFileName,  
                             javafx.stage.Stage window,  
                             Dipendente utente)
```

## **Method Detail**

### **init**

```
public void init()
```

**Overrides:**

init in class MainControlLogged

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com.stp.dipendente.control

## Class VisualizzaCedolinoControl

```
java.lang.Object
  com.stp.dipendente.control.MainControl
    com.stp.dipendente.control.MainControlLogged
      com.stp.dipendente.control.VisualizzaCedolinoControl
```

```
public class VisualizzaCedolinoControl
extends MainControlLogged
```

### Constructor Summary

#### Constructors

##### Constructor and Description

<code>VisualizzaCedolinoControl(java.lang.String xmlFileName, javafx.stage.Stage window, Dipendente utente)</code>
--

### Method Summary

#### All Methods Instance Methods Concrete Methods

##### Modifier and Type Method and Description

void	<code>addMailColumn()</code>
void	<code>addSalvaColumn()</code>
void	<code>emailCedolino(com.stp.dipendente.control.VisualizzaCedolinoControl.CedolinoRecursive cedolino)</code>
void	<code>getCedolini()</code>
void	<code>init()</code>
void	<code>salvaCedolino(com.stp.dipendente.control.VisualizzaCedolinoControl.CedolinoRecursive cedolino)</code>

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

`getUtente, togleCartellino`

#### Methods inherited from class com.stp.dipendente.control.MainControl

`getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start`

#### Methods inherited from class java.lang.Object

`equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

### Constructor Detail

#### VisualizzaCedolinoControl

```
public VisualizzaCedolinoControl(java.lang.String xmlFileName,
                                  javafx.stage.Stage window,
                                  Dipendente utente)
```

## Method Detail

### init

```
public void init()
```

**Overrides:**

init in class MainControlLogged

### addSalvaColumn

```
public void addSalvaColumn()
```

### addMailColumn

```
public void addMailColumn()
```

### getCedolini

```
public void getCedolini()
```

### salvaCedolino

```
public void salvaCedolino(com.stp.dipendente.control.VisualizzaCedolinoControl.CedolinoRecursive cedolino)
```

### emailCedolino

```
public void emailCedolino(com.stp.dipendente.control.VisualizzaCedolinoControl.CedolinoRecursive cedolino)
```

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com.stp.dipendente.control

## Class VisualizzaDatiControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.VisualizzaDatiControl

```
public class VisualizzaDatiControl  
extends MainControlLogged
```

### Constructor Summary

#### Constructors

##### Constructor and Description

```
VisualizzaDatiControl(java.lang.String xmlFileName,  
javafx.stage.Stage window, Dipendente utente)
```

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void	init()
------	--------

#### Methods inherited from

#### class com.stp.dipendente.control.MainControlLogged

getUtente, togleCartellino
----------------------------

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start
--

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait
---

## **Constructor Detail**

### **VisualizzaDatiControl**

```
public VisualizzaDatiControl(java.lang.String xmlFileName,  
                             javafx.stage.Stage window,  
                             Dipendente utente)
```

## **Method Detail**

### **init**

```
public void init()
```

**Overrides:**

init in class MainControlLogged

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com.stp.dipendente.control

## Class VisualizzaTurniControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.VisualizzaTurniControl

```
public class VisualizzaTurniControl  
extends MainControlLogged
```

### Constructor Summary

#### Constructors

##### Constructor and Description

**VisualizzaTurniControl**(java.lang.String xmlFileName,  
javafx.stage.Stage window, **Dipendente** utente)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void **init()**

#### Methods inherited from

#### class com.stp.dipendente.control.MainControlLogged

getUtente, togleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog,  
openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName,  
start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

## **Constructor Detail**

### **VisualizzaTurniControl**

```
public VisualizzaTurniControl(java.lang.String xmlFileName,  
                               javafx.stage.Stage window,  
                               Dipendente utente)
```

## **Method Detail**

### **init**

```
public void init()
```

**Overrides:**

init in class MainControlLogged

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com.stp.dipendente.deposito.control

## Class EntrataUscitaAutobusControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.ElencoAutobusControl

com.stp.dipendente.deposito.control.EntrataUscitaAutobusControl

```
public class EntrataUscitaAutobusControl
```

```
extends ElencoAutobusControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from  
class com.stp.dipendente.control.ElencoAutobusControl**

```
    ElencoAutobusControl.AutobusRecursive
```

### Constructor Summary

#### Constructors

#### Constructor and Description

```
EntrataUscitaAutobusControl(java.lang.String xmlFileName,  
javafx.stage.Stage window, Dipendente utente)
```

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type      Method and Description

void	<a href="#">addActionButton()</a>
------	-----------------------------------

void	<a href="#">cercaAutobus()</a>
------	--------------------------------

void	<a href="#">init()</a>
------	------------------------

void	<a href="#">registraEntrata(Autobus autobus)</a>
------	--

```
void registraUscita(Dipendente dipendente)
```

#### Methods inherited from class com.stp.dipendente.control.ElencoAutobusControl

action, getAutobusObservable, getContentHeader, getElencoAutobus, getTreeTable

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, togleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### EntrataUscitaAutobusControl

```
public EntrataUscitaAutobusControl(java.lang.String xmlFileName,  
                                    javafx.stage.Stage window,  
                                    Dipendente utente)
```

### Method Detail

#### cercaAutobus

```
public void cercaAutobus()
```

Overrides:

cercaAutobus in class ElencoAutobusControl

#### init

```
public void init()
```

**Overrides:**

init in class ElencoAutobusControl

### registraUscita

```
public void registraUscita(Dipendente dipendente)
```

### registraEntrata

```
public void registraEntrata(Autobus autobus)
```

### addActionButton

```
public void addActionButton()
```

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com.stp.dipendente.deposito.control

## Class GestioneAutobusControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.ElencoAutobusControl

com.stp.dipendente.deposito.control.GestioneAutobusControl

```
public class GestioneAutobusControl
```

```
extends ElencoAutobusControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from  
class com.stp.dipendente.control.ElencoAutobusControl**

    ElencoAutobusControl.AutobusRecursive

### Constructor Summary

#### Constructors

##### Constructor and Description

**GestioneAutobusControl**(java.lang.String xmlFileName,  
javafx.stage.Stage window, **Dipendente** utente)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void	<b>action</b> (ElencoAutobusControl.AutobusRecursive autobus)
------	---

void	<b>addEliminaColumn</b> ()
------	----------------------------

void	<b>cercaAutobus</b> ()
------	------------------------

void	<b>eliminaAutobus</b> (ElencoAutobusControl.AutobusRecursive autobus)
------	---

```
void           init()
```

#### Methods inherited from class com.stp.dipendente.control.ElencoAutobusControl

getAutobusObservable, getContentHeader, getElencoAutobus, getTreeTable

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, toggleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

### Constructor Detail

#### GestioneAutobusControl

```
public GestioneAutobusControl(java.lang.String xmlFileName,  
                               javafx.stage.Stage window,  
                               Dipendente utente)
```

### Method Detail

#### cercaAutobus

```
public void cercaAutobus()
```

Overrides:

cercaAutobus in class ElencoAutobusControl

#### init

```
public void init()
```

**Overrides:**

[init](#) in class [ElencoAutobusControl](#)

**action**

public void action([ElencoAutobusControl](#).AutobusRecursive autobus)

**Overrides:**

[action](#) in class [ElencoAutobusControl](#)

**eliminaAutobus**

public void eliminaAutobus([ElencoAutobusControl](#).AutobusRecursive autobus)

**addEliminaColumn**

public void addEliminaColumn()

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com.stp.dipendente.deposito.control

## Class GestioneGuastiControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.ElencoAutobusControl

com.stp.dipendente.deposito.control.GestioneGuastiControl

```
public class GestioneGuastiControl
```

```
extends ElencoAutobusControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from  
class com.stp.dipendente.control.ElencoAutobusControl**

```
ElencoAutobusControl.AutobusRecursive
```

### Constructor Summary

#### Constructors

#### Constructor and Description

```
GestioneGuastiControl(java.lang.String xmlFileName,  
javafx.stage.Stage window, Dipendente utente)
```

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void	<b>action(ElencoAutobusControl.AutobusRecursive autobus)</b>
------	--

void	<b>cercaAutobus()</b>
------	-----------------------

void	<b>init()</b>
------	---------------

void	<b>salva()</b>
------	----------------

## **Methods inherited from**

### **class com.stp.dipendente.control.ElencoAutobusControl**

getAutobusObservable, getContentHeader, getElencoAutobus, getTreeTable

## **Methods inherited from**

### **class com.stp.dipendente.control.MainControlLogged**

getUtente, toogleCartellino

## **Methods inherited from class com.stp.dipendente.control.MainControl**

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

## **Methods inherited from class java.lang.Object**

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

## ***Constructor Detail***

### **GestioneGuastiControl**

```
public GestioneGuastiControl(java.lang.String xmlFileName,  
                             javafx.stage.Stage window,  
                             Dipendente utente)
```

## ***Method Detail***

### **cercaAutobus**

```
public void cercaAutobus()
```

#### **Overrides:**

cercaAutobus in class ElencoAutobusControl

### **init**

```
public void init()
```

#### **Overrides:**

init in class ElencoAutobusControl

## salva

```
public void salva()
```

## action

```
public void action(ElencoAutobusControl.AutobusRecursive autobus)
```

**Overrides:**

`action` in class `ElencoAutobusControl`

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com.stp.dipendente.deposito.control

## Class MenuDepositoControl

java.lang.Object

    com.stp.dipendente.control.MainControl

        com.stp.dipendente.control.MainControlLogged

            com.stp.dipendente.deposito.control.MenuDepositoControl

---

```
public class MenuDepositoControl  
extends MainControlLogged
```

### Constructor Summary

#### Constructors

##### Constructor and Description

```
MenuDepositoControl(java.lang.String xmlFileName,  
javafx.stage.Stage window, Dipendente utente)
```

### Method Summary

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, init, toogleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

### Constructor Detail

## MenuDepositoControl

```
public MenuDepositoControl(java.lang.String xmlFileName,  
                            javafx.stage.Stage window,  
                            Dipendente utente)
```

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com.stp.dipendente.logistica.control

## Class AssociaAutistaALineaControl

```
java.lang.Object
    com.stp.dipendente.control.MainControl
        com.stp.dipendente.control.MainControlLogged
            com.stp.dipendente.control.ElencoDipendentiControl
                com.stp.dipendente.logistica.control.AssociaAutistaALineaControl
```

```
public class AssociaAutistaALineaControl
extends ElencoDipendentiControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from class com.stp.dipendente.control.ElencoDipendentiControl**

```
ElencoDipendentiControl.DipendenteRecursive
```

### Constructor Summary

#### Constructors

##### Constructor and Description

<code>AssociaAutistaALineaControl(java.lang.String xmlFileName, javafx.stage.Stage window, Dipendente utente)</code>
--

### Method Summary

#### All Methods Instance Methods Concrete Methods

##### Modifier and Type Method and Description

void	<code>action(Dipendente dipendente)</code>
void	<code>associaAutista(Linea linea, jfxtras.scene.control.agenda.Appointment app)</code>
void	<code>elencoDipendenti()</code>
void	<code>init()</code>
void	<code>rimuoviAssociaAutista(jfxtras.scene.control.agenda.Appointment app)</code>

#### Methods inherited from class com.stp.dipendente.control.ElencoDipendentiControl

`cercaPersonale, getContentPane, getDipendenti, getDipendentiObservable, getElencoDipendenti, getFiltro, getRoot, getTreeTable, menuDipendente, setFiltro`

## Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, toogleCartellino

## Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Constructor Detail

### AssociaAutistaALineaControl

```
public AssociaAutistaALineaControl(java.lang.String xmlFileName,  
                                    javafx.stage.Stage window,  
                                    Dipendente utente)
```

## Method Detail

### init

```
public void init()
```

**Overrides:**

init in class ElencoDipendentiControl

### action

```
public void action(Dipendente dipendente)
```

**Overrides:**

action in class ElencoDipendentiControl

### associaAutista

```
public void associaAutista(Linea linea,  
                           jfxtras.scene.control.agenda.Agenda.Appointment app)
```

### rimuoviAssociaAutista

```
public void rimuoviAssociaAutista(jfxtras.scene.control.agenda.Agenda.Appointment app)
```

### elencoDipendenti

```
public void elencoDipendenti()
```

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com.stp.dipendente.logistica.control

**Class AssociaFermataALineaControl**

```
java.lang.Object
    com.stp.dipendente.control.MainControl
        com.stp.dipendente.control.MainControlLogged
            com.stp.dipendente.logistica.control.AssociaFermataALineaControl
```

```
public class AssociaFermataALineaControl  
extends MainControlLogged
```

## ***Constructor Summary***

## Constructors

#### **Constructor and Description**

```
AssociaFermataALineaControl(java.lang.String xmlFileName, javafx.stage.Stage window, Dipendente utente)
```

## ***Method Summary***

## All Methods

## Instance Methods

## Concrete Methods

Modifier and Type	Method and Description
void	<code>addCheckColumn()</code>
void	<code>addEliminaColumn()</code>
void	<code>aggiornaLista()</code>
void	<code>annulla()</code>
void	<code>eliminaFermata(int index,</code> <code>com.stp.dipendente.logistica.control.AssociaFermataALineaControl.FermataRecurcive fermata)</code>
void	<code>getFermate()</code>
void	<code>init()</code>
void	<code>salva()</code>
<b><code>AssociaFermataALineaControl.setLinea(Linea linea)</code></b>	

Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, toggleCartellino

**Methods inherited from class com.stp.dipendente.control.MainControl**

`getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start`

#### Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

### ***Constructor Detail***

## AssociaFermataALineaControl

## Method Detail

### aggiornaLista

```
public void aggiornaLista()
```

### init

```
public void init()
```

#### Overrides:

init in class MainControlLogged

### getFermate

```
public void getFermate()
```

### setLinea

```
public AssociaFermataALineaControl setLinea(Linea linea)
```

### salva

```
public void salva()
```

### annulla

```
public void annulla()
```

### eliminaFermata

```
public void eliminaFermata(int index,  
                           com.stp.dipendente.logistica.control.AssociaFermataALineaControl.FermataRecursive fermata)
```

### addEliminaColumn

```
public void addEliminaColumn()
```

### addCheckColumn

```
public void addCheckColumn()
```

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com.stp.dipendente.logistica.control

## Class GestioneFermateControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.ElencoFermateControl

com.stp.dipendente.logistica.control.GestioneFermateControl

```
public class GestioneFermateControl
```

```
extends ElencoFermateControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from class com.stp.dipendente.control.ElencoFermateControl**

ElencoFermateControl.FermataRecursive

### Constructor Summary

#### Constructors

#### Constructor and Description

**GestioneFermateControl**(java.lang.String xmlFileName,  
javafx.stage.Stage window, **Dipendente** utente)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

void **action(Fermata** fermata)

void **addEliminaColumn()**

void **aggiornaLista()**

void **aggiungiFermata()**

```
void         annulla()
void         centerMap()
void         init()
void         salvaFermata(javafx.event.ActionEvent event)
```

#### Methods inherited from class com.stp.dipendente.control.ElencoFermateControl

getFermate, getTreeTable

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, toogleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

### Constructor Detail

#### GestioneFermateControl

```
public GestioneFermateControl(java.lang.String xmlFileName,
                               javafx.stage.Stage window,
                               Dipendente utente)
```

### Method Detail

#### aggiungiFermata

```
public void aggiungiFermata()
```

#### action

```
public void action(Fermata fermata)
```

### salvaFermata

```
public void salvaFermata(java.awt.event.ActionEvent event)
```

### annulla

```
public void annulla()
```

### init

```
public void init()
```

**Overrides:**

init in class ElencoFermateControl

### addEliminaColumn

```
public void addEliminaColumn()
```

### centerMap

```
public void centerMap()
```

### aggiornaLista

```
public void aggiornaLista()
```

**Overrides:**

aggiornaLista in class ElencoFermateControl

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SUMMARY: NESTED | FIELD | CONSTR | METHOD      DETAIL: FIELD | CONSTR | METHOD

com.stp.dipendente.logistica.control

## Class GestioneLineeControl

java.lang.Object

com.stp.dipendente.control.MainControl

com.stp.dipendente.control.MainControlLogged

com.stp.dipendente.control.ElencoLineeControl

com.stp.dipendente.logistica.control.GestioneLineeControl

```
public class GestioneLineeControl
```

```
extends ElencoLineeControl
```

### Nested Class Summary

**Nested classes/interfaces inherited from class com.stp.dipendente.control.ElencoLineeControl**

ElencoLineeControl.LineaRecursive

### Constructor Summary

#### Constructors

#### Constructor and Description

**GestioneLineeControl**(java.lang.String xmlFileName,  
javafx.stage.Stage window, **Dipendente** utente)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method and Description

void	<b>action</b> (ElencoLineeControl.LineaRecursive linea)
------	---

void	<b>addEliminaColumn</b> ()
------	----------------------------

void	<b>aggiungiLinea</b> ()
------	-------------------------

void	<b>annulla</b> ()
------	-------------------

```
void           cercaLinea()
void           eliminaLinea(ElencoLineeControl.LineaRecursive linea)
void           indietro()
void           init()
GestioneLineeControl setLinea(Linea linea)
```

#### Methods inherited from class com.stp.dipendente.control.ElencoLineeControl

getAggiungiLineaButton, getElencoLinee, getLinee, getLineeObservable,  
getTreeTable, menuDipendente

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, toogleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog,  
openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName,  
start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### GestioneLineeControl

```
public GestioneLineeControl(java.lang.String xmlFileName,
                           javafx.stage.Stage window,
                           Dipendente utente)
```

### Method Detail

#### aggiungiLinea

```
public void aggiungiLinea()
```

Overrides:

aggiungiLinea in class ElencoLineeControl

### cercaLinea

public void cercaLinea()

**Overrides:**

cercaLinea in class ElencoLineeControl

### annulla

public void annulla()

### indietro

public void indietro()

### init

public void init()

**Overrides:**

init in class ElencoLineeControl

### action

public void action(ElencoLineeControl.LineaRecursive linea)

**Overrides:**

action in class ElencoLineeControl

### setLinea

public GestioneLineeControl setLinea(Linea linea)

### addEliminaColumn

public void addEliminaColumn()

### eliminaLinea

```
public void eliminaLinea(ElencoLineeControl.LineaRecursive linea)
```

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com.stp.dipendente.logistica.control

## Class MenuLogisticaControl

java.lang.Object

    com.stp.dipendente.control.MainControl

        com.stp.dipendente.control.MainControlLogged

            com.stp.dipendente.logistica.control.MenuLogisticaControl

---

```
public class MenuLogisticaControl  
extends MainControlLogged
```

### Constructor Summary

#### Constructors

##### Constructor and Description

```
MenuLogisticaControl(java.lang.String xmlFileName,  
javafx.stage.Stage window, Dipendente utente)
```

### Method Summary

#### Methods inherited from class com.stp.dipendente.control.MainControlLogged

getUtente, init, toogleCartellino

#### Methods inherited from class com.stp.dipendente.control.MainControl

getScene, getStage, getXmlFileName, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, openDialog, setCenter, setPkg, setXmlFileName, start

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

### Constructor Detail

## MenuLogisticaControl

```
public MenuLogisticaControl(java.lang.String xmlFileName,  
                            javafx.stage.Stage window,  
                            Dipendente utente)
```

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com.stp.dipendente.model

## Class Autobus

java.lang.Object  
com.stp.dipendente.model.Autobus

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

### Nested Class Summary

#### Nested Classes

Modifier and Type	Class and Description
static class	<a href="#">Autobus.PresenzaAutobus</a>
static class	<a href="#">Autobus.StatoAutobus</a>

### Constructor Summary

#### Constructors

##### Constructor and Description

[Autobus](#)(java.lang.String targa, int postiSeduti, int postiInPiedi, int postiPerDisabili, [Autobus.PresenzaAutobus](#) statoPresenza, [Autobus.StatoAutobus](#) statoGuasto, java.lang.String descrizioneGuasto)

### Method Summary

#### All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
java.lang.String	<a href="#">getDescrizioneGuasto()</a>
int	<a href="#">getPostiInPiedi()</a>
int	<a href="#">getPostiPerDisabili()</a>
int	<a href="#">getPostiSeduti()</a>
<a href="#">Autobus.StatoAutobus</a>	<a href="#">getStatoGuasto()</a>

<code>Autobus.PresenzaAutobus</code>	<code>getStatoPresenza()</code>
<code>java.lang.String</code>	<code>getTarga()</code>
<code>void</code>	<code>setDescrizioneGuasto(java.lang.String descrizioneGuasto)</code>
<code>void</code>	<code>setPostiInPiedi(int postiInPiedi)</code>
<code>void</code>	<code>setPostiPerDisabili(int postiPerDisabili)</code>
<code>void</code>	<code>setPostiSeduti(int postiSeduti)</code>
<code>void</code>	<code>setStatoGuasto(Autobus.StatoAutobus statoGuasto)</code>
<code>void</code>	<code>setStatoPresenza(Autobus.PresenzaAutobus statoPresenza)</code>

### Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

## Constructor Detail

### Autobus

```
public Autobus(java.lang.String targa,
              int postiSeduti,
              int postiInPiedi,
              int postiPerDisabili,
              Autobus.PresenzaAutobus statoPresenza,
              Autobus.StatoAutobus statoGuasto,
              java.lang.String descrizioneGuasto)
```

## Method Detail

### getPostiSeduti

```
public int getPostiSeduti()
```

### setPostiSeduti

```
public void setPostiSeduti(int postiSeduti)
```

### getPostiInPiedi

```
public int getPostiInPiedi()
```

**setPostiInPiedi**

```
public void setPostiInPiedi(int postiInPiedi)
```

**getPostiPerDisabili**

```
public int getPostiPerDisabili()
```

**setPostiPerDisabili**

```
public void setPostiPerDisabili(int postiPerDisabili)
```

**getStatoPresenza**

```
public Autobus.PresenzaAutobus getStatoPresenza()
```

**setStatoPresenza**

```
public void setStatoPresenza(Autobus.PresenzaAutobus statoPresenza)
```

**getStatoGuasto**

```
public Autobus.StatoAutobus getStatoGuasto()
```

**setStatoGuasto**

```
public void setStatoGuasto(Autobus.StatoAutobus statoGuasto)
```

**getDescrizioneGuasto**

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

**setDescrizioneGuasto**

```
public void setDescrizioneGuasto(java.lang.String descrizioneGuasto)
```

**getTarga**

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

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com.stp.dipendente.model

## Class Cedolino

java.lang.Object  
com.stp.dipendente.model.Cedolino

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

### Constructor Summary

#### Constructors

##### Constructor and Description

**Cedolino**(java.time.LocalDate data, int oreMensili, int oreLavorative, int oreMalattia, int oreFerie, double totalePagamento, int idCedolino, java.lang.String fileCedolino)

**Cedolino**(java.lang.String data, int oreMensili, int oreLavorative, int oreMalattia, int oreFerie, double totalePagamento, int idCedolino, java.lang.String fileCedolino)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

java.time.LocalDate **getData()**

java.lang.String **getFileCedolino()**

int **getIdCedolino()**

int **getOreFerie()**

int **getOreLavorative()**

int **getOreMalattia()**

int **getOreMensili()**

double **getTotalePagamento()**

void **setData(java.time.LocalDate data)**

```
void           setFileCedolino(java.lang.String fileCedolino)
void           setIdCedolino(int idCedolino)
void           setOreFerie(int oreFerie)
void           setOreLavorative(int oreLavorative)
void           setOreMalattia(int oreMalattia)
void           setOreMensili(int oreMensili)
void           setTotalePagamento(double totalePagamento)
```

### Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait
```

## Constructor Detail

### Cedolino

```
public Cedolino(java.time.LocalDate data,
                 int oreMensili,
                 int oreLavorative,
                 int oreMalattia,
                 int oreFerie,
                 double totalePagamento,
                 int idCedolino,
                 java.lang.String fileCedolino)
```

### Cedolino

```
public Cedolino(java.lang.String data,
                 int oreMensili,
                 int oreLavorative,
                 int oreMalattia,
                 int oreFerie,
                 double totalePagamento,
                 int idCedolino,
                 java.lang.String fileCedolino)
```

## Method Detail

### getData

```
public java.time.LocalDate getData()
```

#### **setData**

```
public void setData(java.time.LocalDate data)
```

#### **getOreMensili**

```
public int getOreMensili()
```

#### **setOreMensili**

```
public void setOreMensili(int oreMensili)
```

#### **getOreLavorative**

```
public int getOreLavorative()
```

#### **setOreLavorative**

```
public void setOreLavorative(int oreLavorative)
```

#### **getOreMalattia**

```
public int getOreMalattia()
```

#### **setOreMalattia**

```
public void setOreMalattia(int oreMalattia)
```

#### **getOreFerie**

```
public int getOreFerie()
```

#### **setOreFerie**

```
public void setOreFerie(int oreFerie)
```

**getTotalePagamento**

```
public double getTotalePagamento()
```

**setTotalePagamento**

```
public void setTotalePagamento(double totalePagamento)
```

**getIdCedolino**

```
public int getIdCedolino()
```

**setIdCedolino**

```
public void setIdCedolino(int idCedolino)
```

**getFileCedolino**

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

**setFileCedolino**

```
public void setFileCedolino(java.lang.String fileCedolino)
```

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com.stp.dipendente.model

## Class Dipendente

java.lang.Object  
 com.stp.dipendente.model.Dipendente

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

### Constructor Summary

#### Constructors

##### Constructor and Description

**Dipendente(JSONObject result)**

```
Dipendente(java.lang.String codiceFiscale, java.lang.String nome,
java.lang.String cognome, java.lang.String dataNascita, java.lang.String sesso,
java.lang.String luogoDiNascita, java.lang.String provinciaDiNascita,
java.lang.String comuneDiResidenza, java.lang.String provinciaDiResidenza, int cap,
java.lang.String email, java.lang.String recapitoTelefonico,
java.lang.String contoCorrente, java.lang.String indirizzoResidenza,
java.lang.String username, java.lang.String password, Ruolo ruolo,
boolean statoCartellino, java.lang.String dataAssunzione, java.lang.String foto)
```

```
Dipendente(java.lang.String codiceFiscale, java.lang.String nome,
java.lang.String cognome, java.lang.String dataNascita, java.lang.String sesso,
java.lang.String luogoDiNascita, java.lang.String provinciaDiNascita,
java.lang.String comuneDiResidenza, java.lang.String provinciaDiResidenza, int cap,
java.lang.String email, java.lang.String recapitoTelefonico,
java.lang.String contoCorrente, java.lang.String indirizzoResidenza,
java.lang.String username, java.lang.String password, Ruolo ruolo,
boolean statoCartellino, java.lang.String dataAssunzione,
java.lang.String dataLicenziamento, java.lang.String foto)
```

### Method Summary

#### All Methods Static Methods Instance Methods Concrete Methods

##### Modifier and Type Method and Description

static java.lang.String	<b>calcolaCF</b> (java.lang.String nome, java.lang.String cognome, java.lang.String dataNascita, java.lang.String luogoNascita, java.lang.String sesso, java.util.HashMap<java.lang.String, <b>Comune </b>
-------------------------	---

int	<b>getCAP()</b>
-----	-----------------

java.lang.String	<b>getCodiceFiscale()</b>
------------------	---------------------------

java.lang.String	<b>getCognome()</b>
------------------	---------------------

java.lang.String	<b>getComuneDiResidenza()</b>
java.lang.String	<b>getContoCorrente()</b>
java.lang.String	<b>getDataAssunzione()</b>
java.lang.String	<b>getDataLicenziamento()</b>
java.lang.String	<b>getDataNascita()</b>
java.lang.String	<b>getEmail()</b>
java.lang.String	<b>getFoto()</b>
int	<b>getId()</b>
javafx.scene.image.Image	<b>getImage()</b>
java.lang.String	<b>getIndirizzoResidenza()</b>
java.lang.String	<b>getLuogoDiNascita()</b>
java.lang.String	<b>getNome()</b>
java.lang.String	<b>getPassword()</b>
java.lang.String	<b>getProvinciaDiNascita()</b>
java.lang.String	<b>getProvinciaDiResidenza()</b>
java.lang.String	<b>getRecapitoTelefonico()</b>
<b>Ruolo</b>	<b>getRuolo()</b>
java.lang.String	<b>getSesso()</b>
java.lang.String	<b>getUsername()</b>
int	<b>isPrimoAccesso()</b>
boolean	<b>isStatoCartellino()</b>
void	<b>setCAP(int cap)</b>
void	<b>setCodiceFiscale(java.lang.String codiceFiscale)</b>
void	<b>setCognome(java.lang.String cognome)</b>
void	<b>setComuneDiResidenza(java.lang.String comuneDiResidenza)</b>
void	<b>setContoCorrente(java.lang.String contoCorrente)</b>
void	<b>setDataAssunzione(java.lang.String dataAssunzione)</b>
void	<b>setDataLicenziamento(java.lang.String dataLicenziamento)</b>
void	<b>setDataNascita(java.lang.String dataNascita)</b>
void	<b>setEmail(java.lang.String email)</b>
void	<b>setFoto(java.lang.String foto)</b>
void	<b>setId(int id)</b>
void	<b>setImage(javafx.scene.image.Image image)</b>
void	<b>setIndirizzoResidenza(java.lang.String indirizzoResidenza)</b>
void	<b>setLuogoDiNascita(java.lang.String luogoDiNascita)</b>
void	<b>setNome(java.lang.String nome)</b>
void	<b>setPassword(java.lang.String password)</b>

```
void           setPrimoAccesso(int primoAccesso)
void           setProvinciaDiNascita(java.lang.String provinciaDiNascita)
void           setProvinciaDiResidenza(java.lang.String provinciaDiResidenza)
void           setRecapitoTelefonico(java.lang.String recapitoTelefonico)
void           setRuolo(Ruolo ruolo)
void           setSesso(java.lang.String sesso)
void           setUsername(java.lang.String username)
void           toggleStatoCartellino()
```

#### Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

### Constructor Detail

#### Dipendente

```
public Dipendente(JSONObject result)
                  throws DipendenteException,
                         JSONException
```

##### Throws:

DipendenteException

JSONException

#### Dipendente

```
public Dipendente(java.lang.String codiceFiscale,
                  java.lang.String nome,
                  java.lang.String cognome,
                  java.lang.String dataNascita,
                  java.lang.String sesso,
                  java.lang.String luogoDiNascita,
                  java.lang.String provinciaDiNascita,
                  java.lang.String comuneDiResidenza,
                  java.lang.String provinciaDiResidenza,
                  int cap,
                  java.lang.String email,
                  java.lang.String recapitoTelefonico,
                  java.lang.String contoCorrente,
                  java.lang.String indirizzoResidenza,
                  java.lang.String username,
                  java.lang.String password,
                  Ruolo ruolo,
                  boolean statoCartellino,
                  java.lang.String dataAssunzione,
                  java.lang.String foto)
throws DipendenteException
```

##### Throws:

## DipendenteException

### Dipendente

```
public Dipendente(java.lang.String codiceFiscale,
                  java.lang.String nome,
                  java.lang.String cognome,
                  java.lang.String dataNascita,
                  java.lang.String sesso,
                  java.lang.String luogoDiNascita,
                  java.lang.String provinciaDiNascita,
                  java.lang.String comuneDiResidenza,
                  java.lang.String provinciaDiResidenza,
                  int cap,
                  java.lang.String email,
                  java.lang.String recapitoTelefonico,
                  java.lang.String contoCorrente,
                  java.lang.String indirizzoResidenza,
                  java.lang.String username,
                  java.lang.String password,
                  Ruolo ruolo,
                  boolean statoCartellino,
                  java.lang.String dataAssunzione,
                  java.lang.String dataLicenziamento,
                  java.lang.String foto)
                  throws DipendenteException
```

#### Throws:

DipendenteException

### Method Detail

#### getDataAssunzione

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

#### setDataAssunzione

```
public void setDataAssunzione(java.lang.String dataAssunzione)
```

#### getDataLicenziamento

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

#### setDataLicenziamento

```
public void setDataLicenziamento(java.lang.String dataLicenziamento)
```

#### getFoto

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

#### **setFoto**

```
public void setFoto(java.lang.String foto)
```

#### **getImage**

```
public javafx.scene.image.Image getImage()
```

#### **setImage**

```
public void setImage(javafx.scene.image.Image image)
```

#### **getId**

```
public int getId()
```

#### **setId**

```
public void setId(int id)
```

#### **isPrimoAccesso**

```
public int isPrimoAccesso()
```

#### **setPrimoAccesso**

```
public void setPrimoAccesso(int primoAccesso)
```

#### **isStatoCartellino**

```
public boolean isStatoCartellino()
```

#### **toggleStatoCartellino**

```
public void toggleStatoCartellino()
```

#### **getCodiceFiscale**

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

#### **setCodiceFiscale**

```
public void setCodiceFiscale(java.lang.String codiceFiscale)
    throws DipendenteException
```

**Throws:**

DipendenteException

### getNome

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

### setNome

```
public void setNome(java.lang.String nome)
    throws DipendenteException
```

**Throws:**

DipendenteException

### getCognome

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

### setCognome

```
public void setCognome(java.lang.String cognome)
    throws DipendenteException
```

**Throws:**

DipendenteException

### getDataNascita

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

### setDataNascita

```
public void setDataNascita(java.lang.String dataNascita)
    throws DipendenteException
```

**Throws:**

DipendenteException

### getSesso

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

### setSesso

```
public void setSesso(java.lang.String sesso)
```

```
throws DipendenteException
```

**Throws:**

DipendenteException

### **getLuogoDiNascita**

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

### **setLuogoDiNascita**

```
public void setLuogoDiNascita(java.lang.String luogoDiNascita)
                               throws DipendenteException
```

**Throws:**

DipendenteException

### **getProvinciaDiNascita**

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

### **setProvinciaDiNascita**

```
public void setProvinciaDiNascita(java.lang.String provinciaDiNascita)
                                    throws DipendenteException
```

**Throws:**

DipendenteException

### **getComuneDiResidenza**

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

### **setComuneDiResidenza**

```
public void setComuneDiResidenza(java.lang.String comuneDiResidenza)
                                    throws DipendenteException
```

**Throws:**

DipendenteException

### **getProvinciaDiResidenza**

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

### **setProvinciaDiResidenza**

```
public void setProvinciaDiResidenza(java.lang.String provinciaDiResidenza)
```

```
throws DipendenteException
```

**Throws:**

DipendenteException

#### **getCAP**

```
public int getCAP()
```

#### **setCAP**

```
public void setCAP(int cap)
    throws DipendenteException
```

**Throws:**

DipendenteException

#### **getEmail**

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

#### **setEmail**

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

**Throws:**

DipendenteException

#### **getRecapitoTelefonico**

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

#### **setRecapitoTelefonico**

```
public void setRecapitoTelefonico(java.lang.String recapitoTelefonico)
    throws DipendenteException
```

**Throws:**

DipendenteException

#### **getContoCorrente**

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

#### **setContoCorrente**

```
public void setContoCorrente(java.lang.String contoCorrente)
    throws DipendenteException
```

**Throws:**

DipendenteException

**getPassword**

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

**setPassword**

```
public void setPassword(java.lang.String password)
```

**getIndirizzoResidenza**

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

**setIndirizzoResidenza**

```
public void setIndirizzoResidenza(java.lang.String indirizzoResidenza)
```

**getUsername**

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

**setUsername**

```
public void setUsername(java.lang.String username)
```

**getRuolo**

```
public Ruolo getRuolo()
```

**setRuolo**

```
public void setRuolo(Ruolo ruolo)
    throws DipendenteException
```

**Throws:**

DipendenteException

**calcolaCF**

```
public static java.lang.String calcolaCF(java.lang.String nome,
                                         java.lang.String cognome,
                                         java.lang.String dataNascita,
                                         java.lang.String luogoNascita,
                                         java.lang.String sesso,
                                         java.util.HashMap<java.lang.String, Comune> comuni)
```

throws DipendenteException

**Throws:**

DipendenteException

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com.stp.dipendente.model

## Class Fermata

java.lang.Object  
 com.stp.dipendente.model.Fermata

**All Implemented Interfaces:**

java.util.Comparator&lt;Fermata&gt;

```
public class Fermata
extends java.lang.Object
implements java.util.Comparator<Fermata>
```

### **Constructor Summary**

**Constructors****Constructor and Description**

**Fermata**(int idFermata, java.lang.String indirizzo,  
 java.lang.String numeroCivico, double coordinataX, double coordinataY)

### **Method Summary**

**All Methods****Instance Methods****Concrete Methods****Modifier and Type**    **Method and Description**

int	<b>compare(Fermata o1, Fermata o2)</b>
-----	--

boolean	<b>equals(Fermata f)</b>
---------	--------------------------

double	<b>getCoordinataX()</b>
--------	-------------------------

double	<b>getCoordinataY()</b>
--------	-------------------------

int	<b>getIdFermata()</b>
-----	-----------------------

java.lang.String	<b>getIndirizzo()</b>
------------------	-----------------------

java.lang.String	<b>getNumeroCivico()</b>
------------------	--------------------------

void	<b>setCoordinataX(double coordinataX)</b>
------	---

void	<b>setCoordinataY(double coordinataY)</b>
------	---

```
void           setIdFermata(int idFermata)
void           setIndirizzo(java.lang.String indirizzo)
void           setNumeroCivico(java.lang.String numeroCivico)
java.lang.String  toString()
```

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

## Methods inherited from interface java.util.Comparator

comparing, comparing, comparingDouble, comparingInt, comparingLong, equals, naturalOrder, nullsFirst, nullsLast, reversed, reverseOrder, thenComparing, thenComparing, thenComparing, thenComparingDouble, thenComparingInt, thenComparingLong

## Constructor Detail

### Fermata

```
public Fermata(int idFermata,
               java.lang.String indirizzo,
               java.lang.String numeroCivico,
               double coordinataX,
               double coordinataY)
```

## Method Detail

### getIdFermata

```
public int getIdFermata()
```

### setIdFermata

```
public void setIdFermata(int idFermata)
```

### getIndirizzo

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

### **setIndirizzo**

```
public void setIndirizzo(java.lang.String indirizzo)
```

### **getNumeroCivico**

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

### **setNumeroCivico**

```
public void setNumeroCivico(java.lang.String numeroCivico)
```

### **getCoordinataX**

```
public double getCoordinataX()
```

### **setCoordinataX**

```
public void setCoordinataX(double coordinataX)
```

### **getCoordinataY**

```
public double getCoordinataY()
```

### **setCoordinataY**

```
public void setCoordinataY(double coordinataY)
```

### **compare**

```
public int compare(Fermata o1,  
                  Fermata o2)
```

#### **Specified by:**

compare in interface `java.util.Comparator<Fermata>`

### **equals**

```
public boolean equals(Fermata f)
```

## **toString**

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

**Overrides:**

toString in class java.lang.Object

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com.stp.dipendente.model

## Class Linea

java.lang.Object  
 com.stp.dipendente.model.Linea

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

### Constructor Summary

#### Constructors

##### Constructor and Description

**Linea**(int idLinea, java.time.LocalTime oraInizioCorsa, java.time.LocalTime oraFineCorsa, java.time.LocalTime durata, int nBusConsigliato)

**Linea**(int idLinea, java.time.LocalTime oraInizioCorsa, java.time.LocalTime oraFineCorsa, java.time.LocalTime durata, int nBusConsigliato, java.time.LocalTime oraInizioCorsaFestivo, java.time.LocalTime oraFineCorsaFestivo, java.time.LocalTime durataFestivo, int nBusConsigliatoFestivo)

**Linea**(int idLinea, java.time.LocalTime oraInizioCorsa, java.time.LocalTime oraFineCorsa, java.time.LocalTime durata, int nBusConsigliato, java.time.LocalTime oraInizioCorsaFestivo, java.time.LocalTime oraFineCorsaFestivo, java.time.LocalTime durataFestivo, int nBusConsigliatoFestivo, java.util.ArrayList<**Fermata**> fermate, **Fermata** capA, **Fermata** capB)

**Linea**(int idLinea, java.lang.String oraInizioCorsa, java.lang.String oraFineCorsa, java.lang.String durata, int nBusConsigliato, java.util.ArrayList<**Fermata**> fermate, **Fermata** capA, **Fermata** capB)

**Linea**(int idLinea, java.lang.String oraInizioCorsa, java.lang.String oraFineCorsa, java.lang.String durata, int nBusConsigliato, **Fermata** capA, **Fermata** capB)

**Linea**(int idLinea, java.lang.String oraInizioCorsa, java.lang.String oraFineCorsa, java.lang.String durata, int nBusConsigliato, java.lang.String oraInizioCorsaFestivo, java.lang.String oraFineCorsaFestivo, java.lang.String durataFestivo, int nBusConsigliatoFestivo, java.util.ArrayList<**Fermata**> fermate, **Fermata** capA, **Fermata** capB)

**Linea**(int idLinea, java.lang.String oraInizioCorsa, java.lang.String oraFineCorsa, java.lang.String durata, int nBusConsigliato, java.lang.String oraInizioCorsaFestivo, java.lang.String oraFineCorsaFestivo, java.lang.String durataFestivo, int nBusConsigliatoFestivo, **Fermata** capA, **Fermata** capB)

### Method Summary

#### All Methods Instance Methods Concrete Methods

##### Modifier and Type

##### Method and Description

void

**addFermata**(int index, **Fermata** fermata)**Fermata****getCapA**()

Fermata	<code>getCapB()</code>
<code>java.time.LocalTime</code>	<code>getDurata()</code>
<code>java.time.LocalTime</code>	<code>getDurataFestivo()</code>
<code>java.util.ArrayList&lt;Fermata&gt;</code>	<code>getFermate()</code>
int	<code>getIdLinea()</code>
int	<code>getnBusConsigliato()</code>
int	<code>getnBusConsigliatoFestivo()</code>
<code>java.time.LocalTime</code>	<code>getOraFineCorsa()</code>
<code>java.time.LocalTime</code>	<code>getOraFineCorsaFestivo()</code>
<code>java.time.LocalTime</code>	<code>getOraInizioCorsa()</code>
<code>java.time.LocalTime</code>	<code>getOraInizioCorsaFestivo()</code>
void	<code>removeFermata(int index)</code>
void	<code>setCapA(Fermata capA)</code>
void	<code>setCapB(Fermata capB)</code>
void	<code>setDurata(java.time.LocalTime durata)</code>
void	<code>setDurataFestivo(java.time.LocalTime durataFestivo)</code>
void	<code>setFermate(java.util.ArrayList&lt;Fermata&gt; fermate)</code>
void	<code>setIdLinea(int idLinea)</code>
void	<code>setnBusConsigliato(int nBusConsigliato)</code>
void	<code>setnBusConsigliatoFestivo(int nBusConsigliatoFestivo)</code>
void	<code>setOraFineCorsa(java.time.LocalTime oraFineCorsa)</code>
void	<code>setOraFineCorsaFestivo(java.time.LocalTime oraFineCorsaFestivo)</code>
void	<code>setOraInizioCorsa(java.time.LocalTime oraInizioCorsa)</code>
void	<code>setOraInizioCorsaFestivo(java.time.LocalTime oraInizioCorsaFestivo)</code>

### Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

### Constructor Detail

#### Linea

```
public Linea(int idLinea,
            java.lang.String oraInizioCorsa,
            java.lang.String oraFineCorsa,
            java.lang.String durata,
            int nBusConsigliato,
            java.lang.String oraInizioCorsaFestivo,
            java.lang.String oraFineCorsaFestivo,
            java.lang.String durataFestivo,
            int nBusConsigliatoFestivo,
            java.util.ArrayList<Fermata> fermate,
            Fermata capA,
            Fermata capB)
throws LineaException
```

**Throws:**

LineaException

**Linea**

```
public Linea(int idLinea,
            java.lang.String oraInizioCorsa,
            java.lang.String oraFineCorsa,
            java.lang.String durata,
            int nBusConsigliato,
            java.lang.String oraInizioCorsaFestivo,
            java.lang.String oraFineCorsaFestivo,
            java.lang.String durataFestivo,
            int nBusConsigliatoFestivo,
            Fermata capA,
            Fermata capB)
throws LineaException
```

**Throws:**

LineaException

**Linea**

```
public Linea(int idLinea,
            java.lang.String oraInizioCorsa,
            java.lang.String oraFineCorsa,
            java.lang.String durata,
            int nBusConsigliato,
            Fermata capA,
            Fermata capB)
throws LineaException
```

**Throws:**

LineaException

**Linea**

```
public Linea(int idLinea,
            java.lang.String oraInizioCorsa,
            java.lang.String oraFineCorsa,
            java.lang.String durata,
            int nBusConsigliato,
            java.util.ArrayList<Fermata> fermate,
            Fermata capA,
            Fermata capB)
throws LineaException
```

**Throws:**

LineaException

**Linea**

```
public Linea(int idLinea,
            java.time.LocalTime oraInizioCorsa,
            java.time.LocalTime oraFineCorsa,
            java.time.LocalTime durata,
            int nBusConsigliato,
```

```
        java.time.LocalTime oraInizioCorsaFestivo,
        java.time.LocalTime oraFineCorsaFestivo,
        java.time.LocalTime durataFestivo,
        int nBusConsigliatoFestivo,
        java.util.ArrayList<Fermata> fermate,
        Fermata capA,
        Fermata capB)
throws LineaException
```

**Throws:**

[LineaException](#)

## Linea

```
public Linea(int idLinea,
            java.time.LocalTime oraInizioCorsa,
            java.time.LocalTime oraFineCorsa,
            java.time.LocalTime durata,
            int nBusConsigliato,
            java.time.LocalTime oraInizioCorsaFestivo,
            java.time.LocalTime oraFineCorsaFestivo,
            java.time.LocalTime durataFestivo,
            int nBusConsigliatoFestivo)
throws LineaException
```

**Throws:**

[LineaException](#)

## Linea

```
public Linea(int idLinea,
            java.time.LocalTime oraInizioCorsa,
            java.time.LocalTime oraFineCorsa,
            java.time.LocalTime durata,
            int nBusConsigliato)
throws LineaException
```

**Throws:**

[LineaException](#)

## Method Detail

### getCapA

```
public Fermata getCapA()
```

### setCapA

```
public void setCapA(Fermata capA)
```

### getCapB

```
public Fermata getCapB()
```

**setCapB**

```
public void setCapB(Fermata capB)
```

**addFermata**

```
public void addFermata(int index,  
                      Fermata fermata)
```

**getIdLinea**

```
public int getIdLinea()
```

**setIdLinea**

```
public void setIdLinea(int idLinea)
```

**getOraInizioCorsa**

```
public java.time.LocalTime getOraInizioCorsa()
```

**setOraInizioCorsa**

```
public void setOraInizioCorsa(java.time.LocalTime oraInizioCorsa)
```

**getOraFineCorsa**

```
public java.time.LocalTime getOraFineCorsa()
```

**setOraFineCorsa**

```
public void setOraFineCorsa(java.time.LocalTime oraFineCorsa)
```

**getDurata**

```
public java.time.LocalTime getDurata()
```

**setDurata**

```
public void setDurata(java.time.LocalTime durata)
```

**getnBusConsigliato**

```
public int getnBusConsigliato()
```

**setnBusConsigliato**

```
public void setnBusConsigliato(int nBusConsigliato)
```

#### **getOraInizioCorsaFestivo**

```
public java.time.LocalTime getOraInizioCorsaFestivo()
```

#### **setOraInizioCorsaFestivo**

```
public void setOraInizioCorsaFestivo(java.time.LocalTime oraInizioCorsaFestivo)
```

#### **getOraFineCorsaFestivo**

```
public java.time.LocalTime getOraFineCorsaFestivo()
```

#### **setOraFineCorsaFestivo**

```
public void setOraFineCorsaFestivo(java.time.LocalTime oraFineCorsaFestivo)
```

#### **getDurataFestivo**

```
public java.time.LocalTime getDurataFestivo()
```

#### **setDurataFestivo**

```
public void setDurataFestivo(java.time.LocalTime durataFestivo)
```

#### **getnBusConsigliatoFestivo**

```
public int getnBusConsigliatoFestivo()
```

#### **setnBusConsigliatoFestivo**

```
public void setnBusConsigliatoFestivo(int nBusConsigliatoFestivo)
```

#### **getFermate**

```
public java.util.ArrayList<Fermata> getFermate()
```

#### **setFermate**

```
public void setFermate(java.util.ArrayList<Fermata> fermate)
```

#### **removeFermata**

```
public void removeFermata(int index)
```

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com.stp.dipendente.model

## Class Ruolo

java.lang.Object  
com.stp.dipendente.model.Ruolo

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

### Constructor Summary

#### Constructors

##### Constructor and Description

<b>Ruolo</b> (int idRuolo, java.lang.String nomeRuolo, double retribuzioneOraria, int oreSettimanli)
--

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

int	<a href="#">getIdRuolo()</a>
java.lang.String	<a href="#">getNomeRuolo()</a>
int	<a href="#">getOreSettimanli()</a>
double	<a href="#">getRetribuzioneOraria()</a>

### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

### Constructor Detail

#### Ruolo

```
public Ruolo(int idRuolo,
            java.lang.String nomeRuolo,
```

```
    double retribuzioneOraria,  
    int oreSettimanli)
```

## **Method Detail**

### **getIdRuolo**

```
public int getIdRuolo()
```

### **getNomeRuolo**

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

### **getRetribuzioneOraria**

```
public double getRetribuzioneOraria()
```

### **getOreSettimanli**

```
public int getOreSettimanli()
```

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com.stp.dipendente.model

## Class Turno

java.lang.Object  
 com.stp.dipendente.model.Turno

**All Implemented Interfaces:**

java.util.Comparator&lt;Turno&gt;

```
public class Turno
extends java.lang.Object
implements java.util.Comparator<Turno>
```

### **Constructor Summary**

**Constructors****Constructor and Description**

**Turno**(java.lang.String giorno, java.lang.String oraInizio, java.lang.String oraFine)

**Turno**(java.lang.String giorno, java.lang.String oraInizio, java.lang.String oraFine, int idLinea)

### **Method Summary**

**All Methods****Instance Methods****Concrete Methods****Modifier and Type**    **Method and Description**

int	<b>compare(Turno t1, Turno t2)</b>
-----	------------------------------------

boolean	<b>equals(Turno t)</b>
---------	------------------------

java.util.Date	<b>getDataFine()</b>
----------------	----------------------

java.util.Date	<b>getDataInizio()</b>
----------------	------------------------

java.util.Date	<b>getGiorno()</b>
----------------	--------------------

int	<b>getIdLinea()</b>
-----	---------------------

java.util.Date	<b>getOraFine()</b>
----------------	---------------------

java.util.Date	<b>getOraInizio()</b>
----------------	-----------------------

```
void           setIdLinea(int idLinea)
```

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Methods inherited from interface java.util.Comparator

comparing, comparing, comparingDouble, comparingInt, comparingLong, equals, naturalOrder, nullsFirst, nullsLast, reversed, reverseOrder, thenComparing, thenComparing, thenComparing, thenComparingDouble, thenComparingInt, thenComparingLong

## Constructor Detail

### Turno

```
public Turno(java.lang.String giorno,
            java.lang.String oraInizio,
            java.lang.String oraFine)
            throws TurnoException
```

**Throws:**

TurnoException

### Turno

```
public Turno(java.lang.String giorno,
            java.lang.String oraInizio,
            java.lang.String oraFine,
            int idLinea)
            throws TurnoException
```

**Throws:**

TurnoException

## Method Detail

### getIdLinea

```
public int getIdLinea()
```

### setIdLinea

```
public void setIdLinea(int idLinea)
```

#### **getGiorno**

```
public java.util.Date getGiorno()
```

#### **getOraInizio**

```
public java.util.Date getOraInizio()
```

#### **getOraFine**

```
public java.util.Date getOraFine()
```

#### **getDataInizio**

```
public java.util.Date getDataInizio()
```

#### **getDataFine**

```
public java.util.Date getDataFine()
```

#### **compare**

```
public int compare(Turno t1,  
                  Turno t2)
```

**Specified by:**

compare in interface [java.util.Comparator<Turno>](#)

#### **equals**

```
public boolean equals(Turno t)
```

SUMMARY: NESTED | FIELD | CONSTR | METHOD

DETAIL: FIELD | CONSTR | METHOD

com.stp.dipendente.model

## Enum Autobus.PresenzaAutobus

java.lang.Object

```
    java.lang.Enum<Autobus.PresenzaAutobus>
        com.stp.dipendente.model.Autobus.PresenzaAutobus
```

**All Implemented Interfaces:**

java.io.Serializable, java.lang.Comparable&lt;Autobus.PresenzaAutobus&gt;

**Enclosing class:**

Autobus

```
public static enum Autobus.PresenzaAutobus
extends java.lang.Enum<Autobus.PresenzaAutobus>
```

### **Enum Constant Summary**

**Enum Constants****Enum Constant and Description**

ASSENTE

PRESENTE

### **Method Summary**

**All Methods****Static Methods****Instance Methods****Concrete Methods****Modifier and Type****Method and Description**

java.lang.String

getNome()

boolean

getPresenza()

static Autobus.PresenzaAutobus

presenza(int i)

static Autobus.PresenzaAutobus

valueOf(java.lang.String name)

Returns the enum constant of this type with  
the specified name.

```
static Autobus.PresenzaAutobus[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared.

## Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

## Enum Constant Detail

### PRESENTE

```
public static final Autobus.PresenzaAutobus PRESENTE
```

### ASSENTE

```
public static final Autobus.PresenzaAutobus ASSENTE
```

## Method Detail

### values

```
public static Autobus.PresenzaAutobus[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (Autobus.PresenzaAutobus c : Autobus.PresenzaAutobus.values())
    System.out.println(c);
```

#### Returns:

an array containing the constants of this enum type, in the order they are declared

### valueOf

```
public static Autobus.PresenzaAutobus valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type.  
(Extraneous whitespace characters are not permitted.)

**Parameters:**

name - the name of the enum constant to be returned.

**Returns:**

the enum constant with the specified name

**Throws:**

`java.lang.IllegalArgumentException` - if this enum type has no constant with the specified name

`java.lang.NullPointerException` - if the argument is null

### getPresenza

```
public boolean getPresenza()
```

### getNome

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

### presenza

```
public static Autobus.PresenzaAutobus presenza(int i)
```

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SUMMARY: NESTED | ENUM CONSTANTS | FIELD | METHOD

DETAIL: ENUM CONSTANTS | FIELD | METHOD

com.stp.dipendente.model

## Enum Autobus.StatoAutobus

java.lang.Object

java.lang.Enum&lt;Autobus.StatoAutobus&gt;

com.stp.dipendente.model.Autobus.StatoAutobus

**All Implemented Interfaces:**

java.io.Serializable, java.lang.Comparable&lt;Autobus.StatoAutobus&gt;

**Enclosing class:**

Autobus

```
public static enum Autobus.StatoAutobus
extends java.lang.Enum<Autobus.StatoAutobus>
```

### **Enum Constant Summary**

**Enum Constants****Enum Constant and Description**

GUASTO

UTILIZZABILE

VISIONARE

### **Method Summary**

**All Methods Static Methods Instance Methods Concrete Methods****Modifier and Type Method and Description**int **getCodice()**java.lang.String **getNome()**static Autobus.StatoAutobus **stato(int i)**static Autobus.StatoAutobus **valueOf(java.lang.String name)**

Returns the enum constant of this type with the specified name.

```
static Autobus.StatoAutobus[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared.

## Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

## Enum Constant Detail

### UTILIZZABILE

```
public static final Autobus.StatoAutobus UTILIZZABILE
```

### VISIONARE

```
public static final Autobus.StatoAutobus VISIONARE
```

### GUASTO

```
public static final Autobus.StatoAutobus GUASTO
```

## Method Detail

### values

```
public static Autobus.StatoAutobus[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (Autobus.StatoAutobus c : Autobus.StatoAutobus.values())
    System.out.println(c);
```

#### Returns:

an array containing the constants of this enum type, in the order they are declared

## **valueOf**

```
public static Autobus.StatoAutobus valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type.  
(Extraneous whitespace characters are not permitted.)

**Parameters:**

name - the name of the enum constant to be returned.

**Returns:**

the enum constant with the specified name

**Throws:**

`java.lang.IllegalArgumentException` - if this enum type has no constant with the specified name

`java.lang.NullPointerException` - if the argument is null

## **getCodice**

```
public int getCodice()
```

## **getNome**

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

## **stato**

```
public static Autobus.StatoAutobus stato(int i)
```

com.stp.dipendente.util

## Class Comune

java.lang.Object  
com.stp.dipendente.util.Comune

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

### Constructor Summary

#### Constructors

##### Constructor and Description

**Comune**(java.lang.String nome, java.lang.String provincia,  
java.lang.String codiceFisc)

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type Method and Description

java.lang.String **getCodiceFisc()**

java.lang.String **getNome()**

java.lang.String **getProvincia()**

### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait

### Constructor Detail

#### Comune

```
public Comune(java.lang.String nome,
              java.lang.String provincia,
              java.lang.String codiceFisc)
```

## **Method Detail**

### **getNome**

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

### **getProvincia**

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

### **getCodiceFisc**

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

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com.stp.dipendente.util

## Class Connection

java.lang.Object  
 com.stp.dipendente.util.Connection

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

### **Constructor Summary**

#### Constructors

##### Constructor and Description

**Connection()****Connection(Dipendente utente)**

### **Method Summary**

**All Methods****Instance Methods****Concrete Methods**

Modifier and Type	Method and Description
int	<b>addAutobus(Autobus autobus)</b>
<b>JSONObject</b>	<b>addDipendente(Dipendente dipendente, java.lang.String extension)</b>
boolean	<b>aggiungiCapolinea(Linea linea, Fermata fermata1, Fermata fermata2)</b>
boolean	<b>aggiungiFermata(Fermata fermata)</b>
boolean	<b>aggiungiFermataLinea(Linea linea, Fermata fermata, int index)</b>
int	<b>aggiungiLinea(Linea linea)</b>
int	<b>associaAutista(Dipendente dipendente, Turno turno, Linea linea)</b>
boolean	<b>cambiaPassword(java.lang.String nick, java.lang.String vecchia, java.lang.String nuova)</b>
java.util.ArrayList<Autobus>	<b>cercaAutobus(java.lang.String text)</b>

<code>java.util.ArrayList&lt;Dipendente&gt;</code>	<code>cercaDipendenti(java.lang.String text)</code>
<code>java.util.ArrayList&lt;Dipendente&gt;</code>	<code>cercaDipendenti(java.lang.String text, int filtro)</code>
<code>java.util.ArrayList&lt;Fermata&gt;</code>	<code>cercaFermateElenco(java.lang.String ricerca)</code>
<code>java.util.ArrayList&lt;Linea&gt;</code>	<code>cercaLineaElenco(java.lang.String ricerca)</code>
<code>void</code>	<code>close()</code>
<code>boolean</code>	<code>deleteTurni(Dipendente dip, Turno turno)</code>
<code>JSONObject</code>	<code>editDipendente(JSONObject json, java.lang.String extension, javafx.scene.image.Image img)</code>
<code>boolean</code>	<code>eliminaAutobus(Autobus autobus)</code>
<code>boolean</code>	<code>eliminaDipendente(Dipendente dipendente)</code>
<code>void</code>	<code>emailCedolino(java.lang.String file)</code>
<code>java.util.ArrayList&lt;Autobus&gt;</code>	<code>getAutobus()</code>
<code>java.util.ArrayList&lt;Cedolino&gt;</code>	<code>getCedolini()</code>
<code>java.util.ArrayList&lt;Dipendente&gt;</code>	<code>getDipendenti()</code>
<code>java.util.ArrayList&lt;Dipendente&gt;</code>	<code>getDipendenti(int filtro)</code>
<code>java.util.ArrayList&lt;Fermata&gt;</code>	<code>getFermate()</code>
<code>java.util.ArrayList&lt;Fermata&gt;</code>	<code>getFermateLinea(Linea linea)</code>
<code>javafx.scene.image.WritableImage</code>	<code>getFotoProfilo(Dipendente dipendente)</code>
<code>JSONObject</code>	<code>getInfoCedolino(Dipendente dipendente)</code>
<code>java.util.ArrayList&lt;Linea&gt;</code>	<code>getLinee()</code>
<code>java.util.ArrayList&lt;Ruolo&gt;</code>	<code>getRuoli()</code>
<code>java.util.ArrayList&lt;Turno&gt;</code>	<code>getTurni(Dipendente dipendente, java.time.LocalDateTime start, java.time.LocalDateTime end)</code>
<code>boolean</code>	<code>licenziaDipendente(Dipendente dipendente)</code>
<code>Dipendente</code>	<code>login(java.lang.String nick, java.lang.String pass)</code>
<code>boolean</code>	<code>modificaLinea(Linea linea)</code>
<code>boolean</code>	<code>pulisciFermateLinea(Linea linea)</code>
<code>java.io.ByteArrayOutputStream</code>	<code>receivePdf(java.lang.String file)</code>
<code>boolean</code>	<code>registraEntrata(Autobus autobus)</code>
<code>int</code>	<code>registraUscita(Dipendente dipendente, Autobus autobus)</code>
<code>boolean</code>	<code>reimpostaPassword(Dipendente dipendente)</code>

boolean	<b>riassumiDipendente(Dipendente dipendente)</b>
int	<b>rimuoviAssociaAutista(Dipendente dipendente, Turno turno)</b>
boolean	<b>rimuoviFermata(Fermata fermata)</b>
boolean	<b>rimuoviLinea(Linea linea)</b>
boolean	<b>sendCedolino(java.lang.String file, Dipendente dipendente, int oreLavorate, int oreMalattia, int oreFerie, double totale)</b>
boolean	<b>setStatoGuasto(Autobus autobus)</b>
boolean	<b>timbroCartellino()</b>
boolean	<b>updateTurni(Dipendente dip, Turno turno)</b>

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Constructor Detail

### Connection

```
public Connection()
    throws java.net.UnknownHostException,
        java.io.IOException,
        ConnectionException
```

**Throws:**

java.net.UnknownHostException  
 java.io.IOException  
 ConnectionException

### Connection

```
public Connection(Dipendente cliente)
    throws java.net.UnknownHostException,
        java.io.IOException,
        ConnectionException
```

**Throws:**

java.net.UnknownHostException  
 java.io.IOException  
 ConnectionException

## **Method Detail**

### **login**

```
public Dipendente login(java.lang.String nick,  
                        java.lang.String pass)  
    throws java.io.IOException,  
          JSONException,  
          DipendenteException,  
          ConnectionException
```

**Throws:**

```
java.io.IOException  
JSONException  
DipendenteException  
ConnectionException
```

### **cambiaPassword**

```
public boolean cambiaPassword(java.lang.String nick,  
                             java.lang.String vecchia,  
                             java.lang.String nuova)  
    throws java.io.IOException
```

**Throws:**

```
java.io.IOException
```

### **timbroCartellino**

```
public boolean timbroCartellino()  
    throws java.io.IOException,  
          ConnectionException
```

**Throws:**

```
java.io.IOException  
ConnectionException
```

### **getTurni**

```
public java.util.ArrayList<Turno> getTurni(Dipendente dipendente,  
                                             java.time.LocalDateTime start,  
                                             java.time.LocalDateTime end)  
    throws java.io.IOException,  
          JSONException,  
          TurnoException,  
          ConnectionException
```

**Throws:**

java.io.IOException

JSONException

TurnoException

ConnectionException

**aggiungiFermata**

```
public boolean aggiungiFermata(Fermata fermata)
                                throws java.io.IOException,
                                       ConnectionException
```

**Throws:**

java.io.IOException

ConnectionException

**rimuoviFermata**

```
public boolean rimuoviFermata(Fermata fermata)
                                throws java.io.IOException,
                                       ConnectionException
```

**Throws:**

java.io.IOException

ConnectionException

**rimuoviLinea**

```
public boolean rimuoviLinea(Linea linea)
                                throws java.io.IOException,
                                       ConnectionException
```

**Throws:**

java.io.IOException

ConnectionException

**getFermate**

```
public java.util.ArrayList<Fermata> getFermate()
                                throws java.io.IOException,
                                       JSONException,
                                       ConnectionException
```

**Throws:**

java.io.IOException

JSONException

ConnectionException

### cercaFermateElenco

```
public java.util.ArrayList<Fermata> cercaFermateElenco(java.lang.String ricerca)
    throws java.io.IOException,
           JSONException,
           ConnectionException
```

**Throws:**

java.io.IOException

JSONException

ConnectionException

### getDipendenti

```
public java.util.ArrayList<Dipendente> getDipendenti(int filtro)
    throws java.io.IOException,
           JSONException,
           DipendenteException,
           ConnectionException
```

**Throws:**

java.io.IOException

JSONException

DipendenteException

ConnectionException

### getDipendenti

```
public java.util.ArrayList<Dipendente> getDipendenti()
    throws java.io.IOException,
           JSONException,
           DipendenteException,
           ConnectionException
```

**Throws:**

java.io.IOException

JSONException

DipendenteException

ConnectionException

### getFotoProfilo

```
public javafx.scene.image.WritableImage getFotoProfilo(Dipendente dipendente)
    throws java.io.IOException,
           JSONException,
           DipendenteException,
           java.net.URISyntaxException,
           ConnectionException
```

**Throws:**

java.io.IOException  
JSONException  
DipendenteException  
java.net.URISyntaxException  
ConnectionException

### cercaDipendenti

```
public java.util.ArrayList<Dipendente> cercaDipendenti(java.lang.String text,
                                                       int filtro)
    throws java.io.IOException,
           JSONException,
           DipendenteException,
           ConnectionException
```

**Throws:**

java.io.IOException  
JSONException  
DipendenteException  
ConnectionException

### cercaDipendenti

```
public java.util.ArrayList<Dipendente> cercaDipendenti(java.lang.String text)
    throws java.io.IOException,
           JSONException,
           DipendenteException,
           ConnectionException
```

**Throws:**

java.io.IOException  
JSONException  
DipendenteException  
ConnectionException

### getRuoli

```
public java.util.ArrayList<Ruolo> getRuoli()
    throws JSONException,
           java.io.IOException,
           ConnectionException
```

**Throws:**

```
JSONException
java.io.IOException
ConnectionException
```

### addDipendente

```
public JSONObject addDipendente(Dipendente dipendente,
                                  java.lang.String extension)
    throws java.io.IOException,
           ConnectionException
```

**Throws:**

```
java.io.IOException
ConnectionException
```

### updateTurni

```
public boolean updateTurni(Dipendente dip,
                           Turno turno)
    throws java.io.IOException,
           ConnectionException
```

**Throws:**

```
java.io.IOException
ConnectionException
```

### deleteTurni

```
public boolean deleteTurni(Dipendente dip,
                           Turno turno)
    throws java.io.IOException,
           ConnectionException
```

**Throws:**

```
java.io.IOException
ConnectionException
```

### sendCedolino

```
public boolean sendCedolino(java.lang.String file,
```

```
Dipendente dipendente,
int oreLavorate,
int oreMalattia,
int oreFerie,
double totale)
throws java.io.IOException,
ConnectionException
```

**Throws:**

```
java.io.IOException
ConnectionException
```

### editDipendente

```
public JSONObject editDipendente(JSONObject json,
                                    java.lang.String extension,
                                    javafx.scene.image.Image img)
throws java.io.IOException,
ConnectionException
```

**Throws:**

```
java.io.IOException
ConnectionException
```

### getAutobus

```
public java.util.ArrayList<Autobus> getAutobus()
throws java.io.IOException,
JSONException,
ConnectionException
```

**Throws:**

```
java.io.IOException
JSONException
ConnectionException
```

### cercaAutobus

```
public java.util.ArrayList<Autobus> cercaAutobus(java.lang.String text)
throws java.io.IOException,
JSONException,
ConnectionException
```

**Throws:**

```
java.io.IOException
JSONException
ConnectionException
```

### **registraUscita**

```
public int registraUscita(Dipendente dipendente,  
                           Autobus autobus)  
                           throws java.io.IOException,  
                           ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### **registraEntrata**

```
public boolean registraEntrata(Autobus autobus)  
                           throws java.io.IOException,  
                           ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### **addAutobus**

```
public int addAutobus(Autobus autobus)  
                           throws java.io.IOException,  
                           ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### **eliminaAutobus**

```
public boolean eliminaAutobus(Autobus autobus)  
                           throws java.io.IOException,  
                           ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### **setStatoGuasto**

```
public boolean setStatoGuasto(Autobus autobus)  
                           throws java.io.IOException,
```

## ConnectionException

### Throws:

java.io.IOException  
ConnectionException

## getLinee

```
public java.util.ArrayList<Linea> getLinee()
                                             throws java.io.IOException,
                                                JSONException,
                                                LineaException,
                                                ConnectionException
```

### Throws:

java.io.IOException  
JSONException  
LineaException  
ConnectionException

## aggiungiLinea

```
public int aggiungiLinea(Linea linea)
                           throws java.io.IOException,
                                 ConnectionException
```

### Throws:

java.io.IOException  
ConnectionException

## associaAutista

```
public int associaAutista(Dipendente dipendente,
                           Turno turno,
                           Linea linea)
                           throws java.io.IOException,
                                 ConnectionException
```

### Throws:

java.io.IOException  
ConnectionException

## rimuoviAssociaAutista

```
public int rimuoviAssociaAutista(Dipendente dipendente,
                                   Turno turno)
```

```
throws java.io.IOException,  
ConnectionException
```

**Throws:**

java.io.IOException

ConnectionException

### getFermateLinea

```
public java.util.ArrayList<Fermata> getFermateLinea(Linea linea)  
throws java.io.IOException,  
JSONException,  
ConnectionException
```

**Throws:**

java.io.IOException

JSONException

ConnectionException

### pulisciFermateLinea

```
public boolean pulisciFermateLinea(Linea linea)  
throws java.io.IOException,  
JSONException,  
ConnectionException
```

**Throws:**

java.io.IOException

JSONException

ConnectionException

### aggiungiFermataLinea

```
public boolean aggiungiFermataLinea(Linea linea,  
                                    Fermata fermata,  
                                    int index)  
throws java.io.IOException,  
JSONException,  
ConnectionException
```

**Throws:**

java.io.IOException

JSONException

ConnectionException

### **getInfoCedolino**

```
public JSONObject getInfoCedolino(Dipendente dipendente)
    throws java.io.IOException,
           ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### **licenziaDipendente**

```
public boolean licenziaDipendente(Dipendente dipendente)
    throws java.io.IOException,
           ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### **riassumiDipendente**

```
public boolean riassumiDipendente(Dipendente dipendente)
    throws java.io.IOException,
           ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### **reimpostaPassword**

```
public boolean reimpostaPassword(Dipendente dipendente)
    throws java.io.IOException,
           ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### **eliminaDipendente**

```
public boolean eliminaDipendente(Dipendente dipendente)
    throws java.io.IOException,
           ConnectionException
```

**Throws:**

```
java.io.IOException  
ConnectionException
```

### getCedolini

```
public java.util.ArrayList<Cedolino> getCedolini()  
    throws JSONException,  
           java.io.IOException,  
           ConnectionException
```

**Throws:**

```
JSONException  
java.io.IOException  
ConnectionException
```

### emailCedolino

```
public void emailCedolino(java.lang.String file)  
    throws JSONException,  
           java.io.IOException,  
           ConnectionException
```

**Throws:**

```
JSONException  
java.io.IOException  
ConnectionException
```

### cercaLineaElenco

```
public java.util.ArrayList<Linea> cercaLineaElenco(java.lang.String ricerca)  
    throws java.io.IOException,  
           JSONException,  
           LineaException,  
           ConnectionException
```

**Throws:**

```
java.io.IOException  
JSONException  
LineaException  
ConnectionException
```

### modificaLinea

```
public boolean modificaLinea(Linea linea)
```

```
throws java.io.IOException,  
ConnectionException
```

**Throws:**

`java.io.IOException`

`ConnectionException`

### aggiungiCapolinea

```
public boolean aggiungiCapolinea(Linea linea,  
                                 Fermata fermata1,  
                                 Fermata fermata2)  
throws java.io.IOException,  
      JSONException,  
      ConnectionException
```

**Throws:**

`java.io.IOException`

`JSONException`

`ConnectionException`

### receivePdf

```
public java.io.ByteArrayOutputStream receivePdf(java.lang.String file)  
throws JSONException,  
       java.io.IOException,  
       ConnectionException
```

**Throws:**

`JSONException`

`java.io.IOException`

`ConnectionException`

### close

```
public void close()
```

com.stp.dipendente.util

## Class ConnectionException

java.lang.Object  
  java.lang.Throwable  
    java.lang.Exception  
      com.stp.dipendente.util.ConnectionException

### All Implemented Interfaces:

java.io.Serializable

---

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

### See Also:

Serialized Form

## Constructor Summary

### Constructors

#### Constructor and Description

<b>ConnectionException</b> (java.lang.String errore)
--

## Method Summary

### All Methods

### Instance Methods

### Concrete Methods

#### Modifier and Type      Method and Description

int	<b>getErrorCode()</b>
-----	-----------------------

ConnectionException	<b>setErrorCode(int code)</b>
---------------------	-------------------------------

## Methods inherited from class java.lang.Throwable

addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace, getSuppressed, initCause, printStackTrace, printStackTrace, printStackTrace, toString

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

## **Constructor Detail**

### **ConnectionException**

```
public ConnectionException(java.lang.String errore)
```

## **Method Detail**

### **setErrorCode**

```
public ConnectionException setErrorCode(int code)
```

### **getErrorCode**

```
public int getErrorCode()
```

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com.stp.dipendente.util

## Class DipendenteException

java.lang.Object  
  java.lang.Throwable  
    java.lang.Exception  
      com.stp.dipendente.util.DipendenteException

### All Implemented Interfaces:

java.io.Serializable

---

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

### See Also:

Serialized Form

## Constructor Summary

### Constructors

#### Constructor and Description

**DipendenteException**(java.lang.String errore)

## Method Summary

#### Methods inherited from class java.lang.Throwable

addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace, getSuppressed, initCause, printStackTrace, printStackTrace, printStackTrace, setStackTrace, toString

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

## Constructor Detail

### DipendenteException

```
public DipendenteException(java.lang.String errore)
```

OVERVIEW PACKAGE **CLASS** USE TREE DEPRECATED INDEX HELP

**PREV CLASS** **NEXT CLASS** FRAMES NO FRAMES ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

com.stp.dipendente.util

## Class LineaException

```
java.lang.Object
  java.lang.Throwable
    java.lang.Exception
      com.stp.dipendente.util.LineaException
```

**All Implemented Interfaces:**

java.io.Serializable

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

**See Also:**

Serialized Form

### Constructor Summary

**Constructors****Constructor and Description**`LineaException(java.lang.String errore)`

### Method Summary

**Methods inherited from class java.lang.Throwable**

```
addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace,
getSuppressed, initCause, printStackTrace, printStackTrace, setStackTrace, toString
```

**Methods inherited from class java.lang.Object**

```
equals, getClass, hashCode, notify, notifyAll, wait, wait, wait
```

### Constructor Detail

**LineaException**`public LineaException(java.lang.String errore)`

com.stp.dipendente.util

## Class TurnoException

```
java.lang.Object
  java.lang.Throwable
    java.lang.Exception
      com.stp.dipendente.util.TurnoException
```

**All Implemented Interfaces:**

java.io.Serializable

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

**See Also:**

Serialized Form

### Constructor Summary

**Constructors****Constructor and Description****TurnoException**(java.lang.String errore)

### Method Summary

**Methods inherited from class java.lang.Throwable**

```
addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace,
getSuppressed, initCause, printStackTrace, printStackTrace, setStackTrace, toString
```

**Methods inherited from class java.lang.Object**

```
equals, getClass, hashCode, notify, notifyAll, wait, wait, wait
```

### Constructor Detail

**TurnoException**

```
public TurnoException(java.lang.String errore)
```