* canChange
* addTwoFollowingStations
* Element at
* if it passed the source or the target stations
* מחיקת תחנה כשנשאר אחת בקו
* מספר רץ – מחלקה או XML?
* Get עם תנאי – יש דרך לקרוא ל-DL?

*אם רוצים ישות משתמש – בונוס – אז שומרים את היסטוריית כל הבקשות שלו.*

בסוף:

* בונוסים אפשריים: (אוטובוס) + סימון למחיקה (לא כולל תחנות עוקבות) + שיבוט + הצפנה
* לתעד בונוסים
* לתעד תוכנית
* לעבור על ההוראות של התרגיל
* למחוק קבצים מיותרים

//#region DrivingBuses

//public void addDrivingBus(DrivingBus drivingBus)

//{

// try

// {

// getBus(drivingBus.LicensePlate); // check if the bus exists

// drivingBus.ThisSerial = DataSource.serial++;

// DataSource.DrivingBuses.Add(drivingBus.Clone());

// }

// catch (BusException ex)

// {

// throw new BusException(ex.Message);

// }

//}

//public void removeDrivingBus(DrivingBus drivingBus)

//{

// DrivingBus d = DataSource.DrivingBuses.Find(item => item.ThisSerial == drivingBus.ThisSerial && item.LicensePlate == drivingBus.LicensePlate && item.Line == drivingBus.Line && item.Start == drivingBus.Start);

// if (d == null)

// throw new BusException("The driving bus does not exist.");

// DataSource.DrivingBuses.Remove(d); // remove the old driving bus

//}

//public void updateDrivingBus(DrivingBus drivingBus)

//{

// removeDrivingBus(drivingBus); // remove the old driving bus

// DataSource.DrivingBuses.Add(drivingBus.Clone()); // add the updated driving bus

//}

//public DrivingBus getDrivingBus(int thisSerial, string licensePlate, int line, DateTime start)

//{

// DrivingBus drivingBus = DataSource.DrivingBuses.Find(item => item.ThisSerial == thisSerial && item.LicensePlate == licensePlate && item.Line == line && item.Start == start);

// if (drivingBus == null)

// return null;

// return drivingBus.Clone();

//}

//public IEnumerable<DrivingBus> GetDrivingBuses()

//{

// return from item in DataSource.DrivingBuses

// select item.Clone();

//}

//public IEnumerable<DrivingBus> GetDrivingBuses(Predicate<DrivingBus> condition)

//{

// return from item in DataSource.DrivingBuses

// where condition(item)

// select item.Clone();

//}

//#endregion

מ-BLIMP:

#region DrivingBuses

/// <summary>

/// Func that converts driving bus of BO to driving bus of DO

/// </summary>

/// <param name="drivingBus">driving bus of BO</param>

/// <returns>driving bus of DO</returns>

DrivingBus convertToDrivingBusDO(BO.DrivingBus drivingBus)

{

return new DrivingBus()

{

ThisSerial = drivingBus.ThisSerial,

Line = drivingBus.Line,

LicensePlate = drivingBus.LicensePlate,

ActualStart = drivingBus.ActualStart,

Start = drivingBus.Start,

PreviousStationID = drivingBus.PreviousStationID,

PreviousStationTime = drivingBus.PreviousStationTime,

NextStationTime = drivingBus.NextStationTime

};

}

/// <summary>

/// Func that converts driving bus of DO to driving bus of BO

/// </summary>

/// <param name="drivingBus">driving bus of DO</param>

/// <returns>driving bus of BO</returns>

BO.DrivingBus convertToDrivingBusBO(DrivingBus drivingBus)

{

return new BO.DrivingBus()

{

LicensePlate = drivingBus.LicensePlate,

Line = drivingBus.Line,

Start = drivingBus.Start,

ThisSerial = drivingBus.ThisSerial,

ActualStart = drivingBus.ActualStart,

PreviousStationID = drivingBus.PreviousStationID,

PreviousStationTime = drivingBus.PreviousStationTime,

NextStationTime = drivingBus.NextStationTime

};

}

public void addDrivingBus(BO.DrivingBus drivingBus)

{

try

{

dal.addDrivingBus(convertToDrivingBusDO(drivingBus));

}

catch (BusException ex)

{

throw new BO.BusException(ex.Message, ex);

}

}

public void removeDrivingBus(BO.DrivingBus drivingBus)

{

try

{

dal.removeDrivingBus(convertToDrivingBusDO(drivingBus));

}

catch (BusException ex)

{

throw new BO.BusException(ex.Message, ex);

}

}

public void updateDrivingBus(BO.DrivingBus drivingBus)

{

try

{

dal.updateDrivingBus(convertToDrivingBusDO(drivingBus));

}

catch (BusException ex)

{

throw new BO.BusException(ex.Message, ex);

}

}

public BO.DrivingBus getDrivingBus(int thisSerial, string licensePlate, int line, DateTime start)

{

try

{

return convertToDrivingBusBO(dal.getDrivingBus(thisSerial, licensePlate, line, start));

}

catch (BusException ex)

{

throw new BO.BusException(ex.Message, ex);

}

}

public IEnumerable<BO.DrivingBus> GetDrivingBuses()

{

try

{

return from drivingBus in dal.GetDrivingBuses()

select convertToDrivingBusBO(drivingBus);

}

catch (BusException ex)

{

throw new BO.BusException(ex.Message, ex);

}

}

public IEnumerable<BO.DrivingBus> GetDrivingBuses(Predicate<BO.DrivingBus> condition)

{

try

{

return from item in GetDrivingBuses()

where condition(item)

select item;

}

catch (BO.BusException ex)

{

throw new BO.BusException(ex.Message);

}

}

#endregion