﻿//------------------------------------------------------------------------------

// <auto-generated>

// This code was generated by a tool.

// Runtime Version:4.0.30319.42000

//

// Changes to this file may cause incorrect behavior and will be lost if

// the code is regenerated.

// </auto-generated>

//------------------------------------------------------------------------------

#pragma warning disable 1591

namespace csvToGrid {

/// <summary>

///Represents a strongly typed in-memory cache of data.

///</summary>

[global::System.Serializable()]

[global::System.ComponentModel.DesignerCategoryAttribute("code")]

[global::System.ComponentModel.ToolboxItem(true)]

[global::System.Xml.Serialization.XmlSchemaProviderAttribute("GetTypedDataSetSchema")]

[global::System.Xml.Serialization.XmlRootAttribute("KinneyDatabaseDataSet1")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.DataSet")]

public partial class KinneyDatabaseDataSet1 : global::System.Data.DataSet {

private script\_OrdersDataTable tablescript\_Orders;

private global::System.Data.SchemaSerializationMode \_schemaSerializationMode = global::System.Data.SchemaSerializationMode.IncludeSchema;

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public KinneyDatabaseDataSet1() {

this.BeginInit();

this.InitClass();

global::System.ComponentModel.CollectionChangeEventHandler schemaChangedHandler = new global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);

base.Tables.CollectionChanged += schemaChangedHandler;

base.Relations.CollectionChanged += schemaChangedHandler;

this.EndInit();

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected KinneyDatabaseDataSet1(global::System.Runtime.Serialization.SerializationInfo info, global::System.Runtime.Serialization.StreamingContext context) :

base(info, context, false) {

if ((this.IsBinarySerialized(info, context) == true)) {

this.InitVars(false);

global::System.ComponentModel.CollectionChangeEventHandler schemaChangedHandler1 = new global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);

this.Tables.CollectionChanged += schemaChangedHandler1;

this.Relations.CollectionChanged += schemaChangedHandler1;

return;

}

string strSchema = ((string)(info.GetValue("XmlSchema", typeof(string))));

if ((this.DetermineSchemaSerializationMode(info, context) == global::System.Data.SchemaSerializationMode.IncludeSchema)) {

global::System.Data.DataSet ds = new global::System.Data.DataSet();

ds.ReadXmlSchema(new global::System.Xml.XmlTextReader(new global::System.IO.StringReader(strSchema)));

if ((ds.Tables["script\_Orders"] != null)) {

base.Tables.Add(new script\_OrdersDataTable(ds.Tables["script\_Orders"]));

}

this.DataSetName = ds.DataSetName;

this.Prefix = ds.Prefix;

this.Namespace = ds.Namespace;

this.Locale = ds.Locale;

this.CaseSensitive = ds.CaseSensitive;

this.EnforceConstraints = ds.EnforceConstraints;

this.Merge(ds, false, global::System.Data.MissingSchemaAction.Add);

this.InitVars();

}

else {

this.ReadXmlSchema(new global::System.Xml.XmlTextReader(new global::System.IO.StringReader(strSchema)));

}

this.GetSerializationData(info, context);

global::System.ComponentModel.CollectionChangeEventHandler schemaChangedHandler = new global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);

base.Tables.CollectionChanged += schemaChangedHandler;

this.Relations.CollectionChanged += schemaChangedHandler;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Browsable(false)]

[global::System.ComponentModel.DesignerSerializationVisibility(global::System.ComponentModel.DesignerSerializationVisibility.Content)]

public script\_OrdersDataTable script\_Orders {

get {

return this.tablescript\_Orders;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.BrowsableAttribute(true)]

[global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.ComponentModel.DesignerSerializationVisibility.Visible)]

public override global::System.Data.SchemaSerializationMode SchemaSerializationMode {

get {

return this.\_schemaSerializationMode;

}

set {

this.\_schemaSerializationMode = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.ComponentModel.DesignerSerializationVisibility.Hidden)]

public new global::System.Data.DataTableCollection Tables {

get {

return base.Tables;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.ComponentModel.DesignerSerializationVisibility.Hidden)]

public new global::System.Data.DataRelationCollection Relations {

get {

return base.Relations;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override void InitializeDerivedDataSet() {

this.BeginInit();

this.InitClass();

this.EndInit();

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public override global::System.Data.DataSet Clone() {

KinneyDatabaseDataSet1 cln = ((KinneyDatabaseDataSet1)(base.Clone()));

cln.InitVars();

cln.SchemaSerializationMode = this.SchemaSerializationMode;

return cln;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override bool ShouldSerializeTables() {

return false;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override bool ShouldSerializeRelations() {

return false;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override void ReadXmlSerializable(global::System.Xml.XmlReader reader) {

if ((this.DetermineSchemaSerializationMode(reader) == global::System.Data.SchemaSerializationMode.IncludeSchema)) {

this.Reset();

global::System.Data.DataSet ds = new global::System.Data.DataSet();

ds.ReadXml(reader);

if ((ds.Tables["script\_Orders"] != null)) {

base.Tables.Add(new script\_OrdersDataTable(ds.Tables["script\_Orders"]));

}

this.DataSetName = ds.DataSetName;

this.Prefix = ds.Prefix;

this.Namespace = ds.Namespace;

this.Locale = ds.Locale;

this.CaseSensitive = ds.CaseSensitive;

this.EnforceConstraints = ds.EnforceConstraints;

this.Merge(ds, false, global::System.Data.MissingSchemaAction.Add);

this.InitVars();

}

else {

this.ReadXml(reader);

this.InitVars();

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override global::System.Xml.Schema.XmlSchema GetSchemaSerializable() {

global::System.IO.MemoryStream stream = new global::System.IO.MemoryStream();

this.WriteXmlSchema(new global::System.Xml.XmlTextWriter(stream, null));

stream.Position = 0;

return global::System.Xml.Schema.XmlSchema.Read(new global::System.Xml.XmlTextReader(stream), null);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

internal void InitVars() {

this.InitVars(true);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

internal void InitVars(bool initTable) {

this.tablescript\_Orders = ((script\_OrdersDataTable)(base.Tables["script\_Orders"]));

if ((initTable == true)) {

if ((this.tablescript\_Orders != null)) {

this.tablescript\_Orders.InitVars();

}

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private void InitClass() {

this.DataSetName = "KinneyDatabaseDataSet1";

this.Prefix = "";

this.Namespace = "http://tempuri.org/KinneyDatabaseDataSet11.xsd";

this.EnforceConstraints = true;

this.SchemaSerializationMode = global::System.Data.SchemaSerializationMode.IncludeSchema;

this.tablescript\_Orders = new script\_OrdersDataTable();

base.Tables.Add(this.tablescript\_Orders);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private bool ShouldSerializescript\_Orders() {

return false;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private void SchemaChanged(object sender, global::System.ComponentModel.CollectionChangeEventArgs e) {

if ((e.Action == global::System.ComponentModel.CollectionChangeAction.Remove)) {

this.InitVars();

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public static global::System.Xml.Schema.XmlSchemaComplexType GetTypedDataSetSchema(global::System.Xml.Schema.XmlSchemaSet xs) {

KinneyDatabaseDataSet1 ds = new KinneyDatabaseDataSet1();

global::System.Xml.Schema.XmlSchemaComplexType type = new global::System.Xml.Schema.XmlSchemaComplexType();

global::System.Xml.Schema.XmlSchemaSequence sequence = new global::System.Xml.Schema.XmlSchemaSequence();

global::System.Xml.Schema.XmlSchemaAny any = new global::System.Xml.Schema.XmlSchemaAny();

any.Namespace = ds.Namespace;

sequence.Items.Add(any);

type.Particle = sequence;

global::System.Xml.Schema.XmlSchema dsSchema = ds.GetSchemaSerializable();

if (xs.Contains(dsSchema.TargetNamespace)) {

global::System.IO.MemoryStream s1 = new global::System.IO.MemoryStream();

global::System.IO.MemoryStream s2 = new global::System.IO.MemoryStream();

try {

global::System.Xml.Schema.XmlSchema schema = null;

dsSchema.Write(s1);

for (global::System.Collections.IEnumerator schemas = xs.Schemas(dsSchema.TargetNamespace).GetEnumerator(); schemas.MoveNext(); ) {

schema = ((global::System.Xml.Schema.XmlSchema)(schemas.Current));

s2.SetLength(0);

schema.Write(s2);

if ((s1.Length == s2.Length)) {

s1.Position = 0;

s2.Position = 0;

for (; ((s1.Position != s1.Length)

&& (s1.ReadByte() == s2.ReadByte())); ) {

;

}

if ((s1.Position == s1.Length)) {

return type;

}

}

}

}

finally {

if ((s1 != null)) {

s1.Close();

}

if ((s2 != null)) {

s2.Close();

}

}

}

xs.Add(dsSchema);

return type;

}

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public delegate void script\_OrdersRowChangeEventHandler(object sender, script\_OrdersRowChangeEvent e);

/// <summary>

///Represents the strongly named DataTable class.

///</summary>

[global::System.Serializable()]

[global::System.Xml.Serialization.XmlSchemaProviderAttribute("GetTypedTableSchema")]

public partial class script\_OrdersDataTable : global::System.Data.TypedTableBase<script\_OrdersRow> {

private global::System.Data.DataColumn columnid;

private global::System.Data.DataColumn columnStudent\_ID;

private global::System.Data.DataColumn columnName;

private global::System.Data.DataColumn columnPhoto;

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public script\_OrdersDataTable() {

this.TableName = "script\_Orders";

this.BeginInit();

this.InitClass();

this.EndInit();

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

internal script\_OrdersDataTable(global::System.Data.DataTable table) {

this.TableName = table.TableName;

if ((table.CaseSensitive != table.DataSet.CaseSensitive)) {

this.CaseSensitive = table.CaseSensitive;

}

if ((table.Locale.ToString() != table.DataSet.Locale.ToString())) {

this.Locale = table.Locale;

}

if ((table.Namespace != table.DataSet.Namespace)) {

this.Namespace = table.Namespace;

}

this.Prefix = table.Prefix;

this.MinimumCapacity = table.MinimumCapacity;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected script\_OrdersDataTable(global::System.Runtime.Serialization.SerializationInfo info, global::System.Runtime.Serialization.StreamingContext context) :

base(info, context) {

this.InitVars();

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public global::System.Data.DataColumn idColumn {

get {

return this.columnid;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public global::System.Data.DataColumn Student\_IDColumn {

get {

return this.columnStudent\_ID;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public global::System.Data.DataColumn NameColumn {

get {

return this.columnName;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public global::System.Data.DataColumn PhotoColumn {

get {

return this.columnPhoto;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Browsable(false)]

public int Count {

get {

return this.Rows.Count;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public script\_OrdersRow this[int index] {

get {

return ((script\_OrdersRow)(this.Rows[index]));

}

}

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public event script\_OrdersRowChangeEventHandler script\_OrdersRowChanging;

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public event script\_OrdersRowChangeEventHandler script\_OrdersRowChanged;

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public event script\_OrdersRowChangeEventHandler script\_OrdersRowDeleting;

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public event script\_OrdersRowChangeEventHandler script\_OrdersRowDeleted;

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public void Addscript\_OrdersRow(script\_OrdersRow row) {

this.Rows.Add(row);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public script\_OrdersRow Addscript\_OrdersRow(int Student\_ID, string Name, byte[] Photo) {

script\_OrdersRow rowscript\_OrdersRow = ((script\_OrdersRow)(this.NewRow()));

object[] columnValuesArray = new object[] {

null,

Student\_ID,

Name,

Photo};

rowscript\_OrdersRow.ItemArray = columnValuesArray;

this.Rows.Add(rowscript\_OrdersRow);

return rowscript\_OrdersRow;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public script\_OrdersRow FindByStudent\_ID(int Student\_ID) {

return ((script\_OrdersRow)(this.Rows.Find(new object[] {

Student\_ID})));

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public override global::System.Data.DataTable Clone() {

script\_OrdersDataTable cln = ((script\_OrdersDataTable)(base.Clone()));

cln.InitVars();

return cln;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override global::System.Data.DataTable CreateInstance() {

return new script\_OrdersDataTable();

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

internal void InitVars() {

this.columnid = base.Columns["id"];

this.columnStudent\_ID = base.Columns["Student ID"];

this.columnName = base.Columns["Name"];

this.columnPhoto = base.Columns["Photo"];

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private void InitClass() {

this.columnid = new global::System.Data.DataColumn("id", typeof(int), null, global::System.Data.MappingType.Element);

base.Columns.Add(this.columnid);

this.columnStudent\_ID = new global::System.Data.DataColumn("Student ID", typeof(int), null, global::System.Data.MappingType.Element);

base.Columns.Add(this.columnStudent\_ID);

this.columnName = new global::System.Data.DataColumn("Name", typeof(string), null, global::System.Data.MappingType.Element);

base.Columns.Add(this.columnName);

this.columnPhoto = new global::System.Data.DataColumn("Photo", typeof(byte[]), null, global::System.Data.MappingType.Element);

base.Columns.Add(this.columnPhoto);

this.Constraints.Add(new global::System.Data.UniqueConstraint("Constraint1", new global::System.Data.DataColumn[] {

this.columnStudent\_ID}, true));

this.columnid.AutoIncrement = true;

this.columnid.AutoIncrementSeed = -1;

this.columnid.AutoIncrementStep = -1;

this.columnStudent\_ID.AllowDBNull = false;

this.columnStudent\_ID.Unique = true;

this.columnName.MaxLength = 255;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public script\_OrdersRow Newscript\_OrdersRow() {

return ((script\_OrdersRow)(this.NewRow()));

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override global::System.Data.DataRow NewRowFromBuilder(global::System.Data.DataRowBuilder builder) {

return new script\_OrdersRow(builder);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override global::System.Type GetRowType() {

return typeof(script\_OrdersRow);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override void OnRowChanged(global::System.Data.DataRowChangeEventArgs e) {

base.OnRowChanged(e);

if ((this.script\_OrdersRowChanged != null)) {

this.script\_OrdersRowChanged(this, new script\_OrdersRowChangeEvent(((script\_OrdersRow)(e.Row)), e.Action));

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override void OnRowChanging(global::System.Data.DataRowChangeEventArgs e) {

base.OnRowChanging(e);

if ((this.script\_OrdersRowChanging != null)) {

this.script\_OrdersRowChanging(this, new script\_OrdersRowChangeEvent(((script\_OrdersRow)(e.Row)), e.Action));

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override void OnRowDeleted(global::System.Data.DataRowChangeEventArgs e) {

base.OnRowDeleted(e);

if ((this.script\_OrdersRowDeleted != null)) {

this.script\_OrdersRowDeleted(this, new script\_OrdersRowChangeEvent(((script\_OrdersRow)(e.Row)), e.Action));

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected override void OnRowDeleting(global::System.Data.DataRowChangeEventArgs e) {

base.OnRowDeleting(e);

if ((this.script\_OrdersRowDeleting != null)) {

this.script\_OrdersRowDeleting(this, new script\_OrdersRowChangeEvent(((script\_OrdersRow)(e.Row)), e.Action));

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public void Removescript\_OrdersRow(script\_OrdersRow row) {

this.Rows.Remove(row);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public static global::System.Xml.Schema.XmlSchemaComplexType GetTypedTableSchema(global::System.Xml.Schema.XmlSchemaSet xs) {

global::System.Xml.Schema.XmlSchemaComplexType type = new global::System.Xml.Schema.XmlSchemaComplexType();

global::System.Xml.Schema.XmlSchemaSequence sequence = new global::System.Xml.Schema.XmlSchemaSequence();

KinneyDatabaseDataSet1 ds = new KinneyDatabaseDataSet1();

global::System.Xml.Schema.XmlSchemaAny any1 = new global::System.Xml.Schema.XmlSchemaAny();

any1.Namespace = "http://www.w3.org/2001/XMLSchema";

any1.MinOccurs = new decimal(0);

any1.MaxOccurs = decimal.MaxValue;

any1.ProcessContents = global::System.Xml.Schema.XmlSchemaContentProcessing.Lax;

sequence.Items.Add(any1);

global::System.Xml.Schema.XmlSchemaAny any2 = new global::System.Xml.Schema.XmlSchemaAny();

any2.Namespace = "urn:schemas-microsoft-com:xml-diffgram-v1";

any2.MinOccurs = new decimal(1);

any2.ProcessContents = global::System.Xml.Schema.XmlSchemaContentProcessing.Lax;

sequence.Items.Add(any2);

global::System.Xml.Schema.XmlSchemaAttribute attribute1 = new global::System.Xml.Schema.XmlSchemaAttribute();

attribute1.Name = "namespace";

attribute1.FixedValue = ds.Namespace;

type.Attributes.Add(attribute1);

global::System.Xml.Schema.XmlSchemaAttribute attribute2 = new global::System.Xml.Schema.XmlSchemaAttribute();

attribute2.Name = "tableTypeName";

attribute2.FixedValue = "script\_OrdersDataTable";

type.Attributes.Add(attribute2);

type.Particle = sequence;

global::System.Xml.Schema.XmlSchema dsSchema = ds.GetSchemaSerializable();

if (xs.Contains(dsSchema.TargetNamespace)) {

global::System.IO.MemoryStream s1 = new global::System.IO.MemoryStream();

global::System.IO.MemoryStream s2 = new global::System.IO.MemoryStream();

try {

global::System.Xml.Schema.XmlSchema schema = null;

dsSchema.Write(s1);

for (global::System.Collections.IEnumerator schemas = xs.Schemas(dsSchema.TargetNamespace).GetEnumerator(); schemas.MoveNext(); ) {

schema = ((global::System.Xml.Schema.XmlSchema)(schemas.Current));

s2.SetLength(0);

schema.Write(s2);

if ((s1.Length == s2.Length)) {

s1.Position = 0;

s2.Position = 0;

for (; ((s1.Position != s1.Length)

&& (s1.ReadByte() == s2.ReadByte())); ) {

;

}

if ((s1.Position == s1.Length)) {

return type;

}

}

}

}

finally {

if ((s1 != null)) {

s1.Close();

}

if ((s2 != null)) {

s2.Close();

}

}

}

xs.Add(dsSchema);

return type;

}

}

/// <summary>

///Represents strongly named DataRow class.

///</summary>

public partial class script\_OrdersRow : global::System.Data.DataRow {

private script\_OrdersDataTable tablescript\_Orders;

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

internal script\_OrdersRow(global::System.Data.DataRowBuilder rb) :

base(rb) {

this.tablescript\_Orders = ((script\_OrdersDataTable)(this.Table));

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public int id {

get {

try {

return ((int)(this[this.tablescript\_Orders.idColumn]));

}

catch (global::System.InvalidCastException e) {

throw new global::System.Data.StrongTypingException("The value for column \'id\' in table \'script\_Orders\' is DBNull.", e);

}

}

set {

this[this.tablescript\_Orders.idColumn] = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public int Student\_ID {

get {

return ((int)(this[this.tablescript\_Orders.Student\_IDColumn]));

}

set {

this[this.tablescript\_Orders.Student\_IDColumn] = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public string Name {

get {

try {

return ((string)(this[this.tablescript\_Orders.NameColumn]));

}

catch (global::System.InvalidCastException e) {

throw new global::System.Data.StrongTypingException("The value for column \'Name\' in table \'script\_Orders\' is DBNull.", e);

}

}

set {

this[this.tablescript\_Orders.NameColumn] = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public byte[] Photo {

get {

try {

return ((byte[])(this[this.tablescript\_Orders.PhotoColumn]));

}

catch (global::System.InvalidCastException e) {

throw new global::System.Data.StrongTypingException("The value for column \'Photo\' in table \'script\_Orders\' is DBNull.", e);

}

}

set {

this[this.tablescript\_Orders.PhotoColumn] = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public bool IsidNull() {

return this.IsNull(this.tablescript\_Orders.idColumn);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public void SetidNull() {

this[this.tablescript\_Orders.idColumn] = global::System.Convert.DBNull;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public bool IsNameNull() {

return this.IsNull(this.tablescript\_Orders.NameColumn);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public void SetNameNull() {

this[this.tablescript\_Orders.NameColumn] = global::System.Convert.DBNull;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public bool IsPhotoNull() {

return this.IsNull(this.tablescript\_Orders.PhotoColumn);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public void SetPhotoNull() {

this[this.tablescript\_Orders.PhotoColumn] = global::System.Convert.DBNull;

}

}

/// <summary>

///Row event argument class

///</summary>

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public class script\_OrdersRowChangeEvent : global::System.EventArgs {

private script\_OrdersRow eventRow;

private global::System.Data.DataRowAction eventAction;

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public script\_OrdersRowChangeEvent(script\_OrdersRow row, global::System.Data.DataRowAction action) {

this.eventRow = row;

this.eventAction = action;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public script\_OrdersRow Row {

get {

return this.eventRow;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public global::System.Data.DataRowAction Action {

get {

return this.eventAction;

}

}

}

}

}

namespace csvToGrid.KinneyDatabaseDataSet1TableAdapters {

/// <summary>

///Represents the connection and commands used to retrieve and save data.

///</summary>

[global::System.ComponentModel.DesignerCategoryAttribute("code")]

[global::System.ComponentModel.ToolboxItem(true)]

[global::System.ComponentModel.DataObjectAttribute(true)]

[global::System.ComponentModel.DesignerAttribute("Microsoft.VSDesigner.DataSource.Design.TableAdapterDesigner, Microsoft.VSDesigner" +

", Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

public partial class script\_OrdersTableAdapter : global::System.ComponentModel.Component {

private global::System.Data.OleDb.OleDbDataAdapter \_adapter;

private global::System.Data.OleDb.OleDbConnection \_connection;

private global::System.Data.OleDb.OleDbTransaction \_transaction;

private global::System.Data.OleDb.OleDbCommand[] \_commandCollection;

private bool \_clearBeforeFill;

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public script\_OrdersTableAdapter() {

this.ClearBeforeFill = true;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected internal global::System.Data.OleDb.OleDbDataAdapter Adapter {

get {

if ((this.\_adapter == null)) {

this.InitAdapter();

}

return this.\_adapter;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

internal global::System.Data.OleDb.OleDbConnection Connection {

get {

if ((this.\_connection == null)) {

this.InitConnection();

}

return this.\_connection;

}

set {

this.\_connection = value;

if ((this.Adapter.InsertCommand != null)) {

this.Adapter.InsertCommand.Connection = value;

}

if ((this.Adapter.DeleteCommand != null)) {

this.Adapter.DeleteCommand.Connection = value;

}

if ((this.Adapter.UpdateCommand != null)) {

this.Adapter.UpdateCommand.Connection = value;

}

for (int i = 0; (i < this.CommandCollection.Length); i = (i + 1)) {

if ((this.CommandCollection[i] != null)) {

((global::System.Data.OleDb.OleDbCommand)(this.CommandCollection[i])).Connection = value;

}

}

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

internal global::System.Data.OleDb.OleDbTransaction Transaction {

get {

return this.\_transaction;

}

set {

this.\_transaction = value;

for (int i = 0; (i < this.CommandCollection.Length); i = (i + 1)) {

this.CommandCollection[i].Transaction = this.\_transaction;

}

if (((this.Adapter != null)

&& (this.Adapter.DeleteCommand != null))) {

this.Adapter.DeleteCommand.Transaction = this.\_transaction;

}

if (((this.Adapter != null)

&& (this.Adapter.InsertCommand != null))) {

this.Adapter.InsertCommand.Transaction = this.\_transaction;

}

if (((this.Adapter != null)

&& (this.Adapter.UpdateCommand != null))) {

this.Adapter.UpdateCommand.Transaction = this.\_transaction;

}

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected global::System.Data.OleDb.OleDbCommand[] CommandCollection {

get {

if ((this.\_commandCollection == null)) {

this.InitCommandCollection();

}

return this.\_commandCollection;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public bool ClearBeforeFill {

get {

return this.\_clearBeforeFill;

}

set {

this.\_clearBeforeFill = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private void InitAdapter() {

this.\_adapter = new global::System.Data.OleDb.OleDbDataAdapter();

global::System.Data.Common.DataTableMapping tableMapping = new global::System.Data.Common.DataTableMapping();

tableMapping.SourceTable = "Table";

tableMapping.DataSetTable = "script\_Orders";

tableMapping.ColumnMappings.Add("id", "id");

tableMapping.ColumnMappings.Add("Student ID", "Student ID");

tableMapping.ColumnMappings.Add("Name", "Name");

tableMapping.ColumnMappings.Add("Photo", "Photo");

this.\_adapter.TableMappings.Add(tableMapping);

this.\_adapter.DeleteCommand = new global::System.Data.OleDb.OleDbCommand();

this.\_adapter.DeleteCommand.Connection = this.Connection;

this.\_adapter.DeleteCommand.CommandText = "DELETE FROM `script\_Orders` WHERE (((? = 1 AND `id` IS NULL) OR (`id` = ?)) AND (" +

"`Student ID` = ?) AND ((? = 1 AND `Name` IS NULL) OR (`Name` = ?)))";

this.\_adapter.DeleteCommand.CommandType = global::System.Data.CommandType.Text;

this.\_adapter.DeleteCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("IsNull\_id", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "id", global::System.Data.DataRowVersion.Original, true, null));

this.\_adapter.DeleteCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Original\_id", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "id", global::System.Data.DataRowVersion.Original, false, null));

this.\_adapter.DeleteCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Original\_Student\_ID", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Student ID", global::System.Data.DataRowVersion.Original, false, null));

this.\_adapter.DeleteCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("IsNull\_Name", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Name", global::System.Data.DataRowVersion.Original, true, null));

this.\_adapter.DeleteCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Original\_Name", global::System.Data.OleDb.OleDbType.VarWChar, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Name", global::System.Data.DataRowVersion.Original, false, null));

this.\_adapter.InsertCommand = new global::System.Data.OleDb.OleDbCommand();

this.\_adapter.InsertCommand.Connection = this.Connection;

this.\_adapter.InsertCommand.CommandText = "INSERT INTO `script\_Orders` (`Student ID`, `Name`, `Photo`) VALUES (?, ?, ?)";

this.\_adapter.InsertCommand.CommandType = global::System.Data.CommandType.Text;

this.\_adapter.InsertCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Student\_ID", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Student ID", global::System.Data.DataRowVersion.Current, false, null));

this.\_adapter.InsertCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Name", global::System.Data.OleDb.OleDbType.VarWChar, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Name", global::System.Data.DataRowVersion.Current, false, null));

this.\_adapter.InsertCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Photo", global::System.Data.OleDb.OleDbType.LongVarBinary, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Photo", global::System.Data.DataRowVersion.Current, false, null));

this.\_adapter.UpdateCommand = new global::System.Data.OleDb.OleDbCommand();

this.\_adapter.UpdateCommand.Connection = this.Connection;

this.\_adapter.UpdateCommand.CommandText = "UPDATE `script\_Orders` SET `Student ID` = ?, `Name` = ?, `Photo` = ? WHERE (((? =" +

" 1 AND `id` IS NULL) OR (`id` = ?)) AND (`Student ID` = ?) AND ((? = 1 AND `Name" +

"` IS NULL) OR (`Name` = ?)))";

this.\_adapter.UpdateCommand.CommandType = global::System.Data.CommandType.Text;

this.\_adapter.UpdateCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Student\_ID", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Student ID", global::System.Data.DataRowVersion.Current, false, null));

this.\_adapter.UpdateCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Name", global::System.Data.OleDb.OleDbType.VarWChar, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Name", global::System.Data.DataRowVersion.Current, false, null));

this.\_adapter.UpdateCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Photo", global::System.Data.OleDb.OleDbType.LongVarBinary, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Photo", global::System.Data.DataRowVersion.Current, false, null));

this.\_adapter.UpdateCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("IsNull\_id", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "id", global::System.Data.DataRowVersion.Original, true, null));

this.\_adapter.UpdateCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Original\_id", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "id", global::System.Data.DataRowVersion.Original, false, null));

this.\_adapter.UpdateCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Original\_Student\_ID", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Student ID", global::System.Data.DataRowVersion.Original, false, null));

this.\_adapter.UpdateCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("IsNull\_Name", global::System.Data.OleDb.OleDbType.Integer, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Name", global::System.Data.DataRowVersion.Original, true, null));

this.\_adapter.UpdateCommand.Parameters.Add(new global::System.Data.OleDb.OleDbParameter("Original\_Name", global::System.Data.OleDb.OleDbType.VarWChar, 0, global::System.Data.ParameterDirection.Input, ((byte)(0)), ((byte)(0)), "Name", global::System.Data.DataRowVersion.Original, false, null));

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private void InitConnection() {

this.\_connection = new global::System.Data.OleDb.OleDbConnection();

this.\_connection.ConnectionString = global::csvToGrid.Properties.Settings.Default.KinneyDatabaseConnectionString;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private void InitCommandCollection() {

this.\_commandCollection = new global::System.Data.OleDb.OleDbCommand[1];

this.\_commandCollection[0] = new global::System.Data.OleDb.OleDbCommand();

this.\_commandCollection[0].Connection = this.Connection;

this.\_commandCollection[0].CommandText = "SELECT id, [Student ID], Name, Photo FROM script\_Orders";

this.\_commandCollection[0].CommandType = global::System.Data.CommandType.Text;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

[global::System.ComponentModel.DataObjectMethodAttribute(global::System.ComponentModel.DataObjectMethodType.Fill, true)]

public virtual int Fill(KinneyDatabaseDataSet1.script\_OrdersDataTable dataTable) {

this.Adapter.SelectCommand = this.CommandCollection[0];

if ((this.ClearBeforeFill == true)) {

dataTable.Clear();

}

int returnValue = this.Adapter.Fill(dataTable);

return returnValue;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

[global::System.ComponentModel.DataObjectMethodAttribute(global::System.ComponentModel.DataObjectMethodType.Select, true)]

public virtual KinneyDatabaseDataSet1.script\_OrdersDataTable GetData() {

this.Adapter.SelectCommand = this.CommandCollection[0];

KinneyDatabaseDataSet1.script\_OrdersDataTable dataTable = new KinneyDatabaseDataSet1.script\_OrdersDataTable();

this.Adapter.Fill(dataTable);

return dataTable;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

public virtual int Update(KinneyDatabaseDataSet1.script\_OrdersDataTable dataTable) {

return this.Adapter.Update(dataTable);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

public virtual int Update(KinneyDatabaseDataSet1 dataSet) {

return this.Adapter.Update(dataSet, "script\_Orders");

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

public virtual int Update(global::System.Data.DataRow dataRow) {

return this.Adapter.Update(new global::System.Data.DataRow[] {

dataRow});

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

public virtual int Update(global::System.Data.DataRow[] dataRows) {

return this.Adapter.Update(dataRows);

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

[global::System.ComponentModel.DataObjectMethodAttribute(global::System.ComponentModel.DataObjectMethodType.Delete, true)]

public virtual int Delete(int Original\_id, int Original\_Student\_ID, string Original\_Name) {

this.Adapter.DeleteCommand.Parameters[0].Value = ((object)(0));

this.Adapter.DeleteCommand.Parameters[1].Value = ((int)(Original\_id));

this.Adapter.DeleteCommand.Parameters[2].Value = ((int)(Original\_Student\_ID));

if ((Original\_Name == null)) {

this.Adapter.DeleteCommand.Parameters[3].Value = ((object)(1));

this.Adapter.DeleteCommand.Parameters[4].Value = global::System.DBNull.Value;

}

else {

this.Adapter.DeleteCommand.Parameters[3].Value = ((object)(0));

this.Adapter.DeleteCommand.Parameters[4].Value = ((string)(Original\_Name));

}

global::System.Data.ConnectionState previousConnectionState = this.Adapter.DeleteCommand.Connection.State;

if (((this.Adapter.DeleteCommand.Connection.State & global::System.Data.ConnectionState.Open)

!= global::System.Data.ConnectionState.Open)) {

this.Adapter.DeleteCommand.Connection.Open();

}

try {

int returnValue = this.Adapter.DeleteCommand.ExecuteNonQuery();

return returnValue;

}

finally {

if ((previousConnectionState == global::System.Data.ConnectionState.Closed)) {

this.Adapter.DeleteCommand.Connection.Close();

}

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

[global::System.ComponentModel.DataObjectMethodAttribute(global::System.ComponentModel.DataObjectMethodType.Insert, true)]

public virtual int Insert(int Student\_ID, string Name, byte[] Photo) {

this.Adapter.InsertCommand.Parameters[0].Value = ((int)(Student\_ID));

if ((Name == null)) {

this.Adapter.InsertCommand.Parameters[1].Value = global::System.DBNull.Value;

}

else {

this.Adapter.InsertCommand.Parameters[1].Value = ((string)(Name));

}

if ((Photo == null)) {

this.Adapter.InsertCommand.Parameters[2].Value = global::System.DBNull.Value;

}

else {

this.Adapter.InsertCommand.Parameters[2].Value = ((byte[])(Photo));

}

global::System.Data.ConnectionState previousConnectionState = this.Adapter.InsertCommand.Connection.State;

if (((this.Adapter.InsertCommand.Connection.State & global::System.Data.ConnectionState.Open)

!= global::System.Data.ConnectionState.Open)) {

this.Adapter.InsertCommand.Connection.Open();

}

try {

int returnValue = this.Adapter.InsertCommand.ExecuteNonQuery();

return returnValue;

}

finally {

if ((previousConnectionState == global::System.Data.ConnectionState.Closed)) {

this.Adapter.InsertCommand.Connection.Close();

}

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

[global::System.ComponentModel.DataObjectMethodAttribute(global::System.ComponentModel.DataObjectMethodType.Update, true)]

public virtual int Update(int Student\_ID, string Name, byte[] Photo, int Original\_id, int Original\_Student\_ID, string Original\_Name) {

this.Adapter.UpdateCommand.Parameters[0].Value = ((int)(Student\_ID));

if ((Name == null)) {

this.Adapter.UpdateCommand.Parameters[1].Value = global::System.DBNull.Value;

}

else {

this.Adapter.UpdateCommand.Parameters[1].Value = ((string)(Name));

}

if ((Photo == null)) {

this.Adapter.UpdateCommand.Parameters[2].Value = global::System.DBNull.Value;

}

else {

this.Adapter.UpdateCommand.Parameters[2].Value = ((byte[])(Photo));

}

this.Adapter.UpdateCommand.Parameters[3].Value = ((object)(0));

this.Adapter.UpdateCommand.Parameters[4].Value = ((int)(Original\_id));

this.Adapter.UpdateCommand.Parameters[5].Value = ((int)(Original\_Student\_ID));

if ((Original\_Name == null)) {

this.Adapter.UpdateCommand.Parameters[6].Value = ((object)(1));

this.Adapter.UpdateCommand.Parameters[7].Value = global::System.DBNull.Value;

}

else {

this.Adapter.UpdateCommand.Parameters[6].Value = ((object)(0));

this.Adapter.UpdateCommand.Parameters[7].Value = ((string)(Original\_Name));

}

global::System.Data.ConnectionState previousConnectionState = this.Adapter.UpdateCommand.Connection.State;

if (((this.Adapter.UpdateCommand.Connection.State & global::System.Data.ConnectionState.Open)

!= global::System.Data.ConnectionState.Open)) {

this.Adapter.UpdateCommand.Connection.Open();

}

try {

int returnValue = this.Adapter.UpdateCommand.ExecuteNonQuery();

return returnValue;

}

finally {

if ((previousConnectionState == global::System.Data.ConnectionState.Closed)) {

this.Adapter.UpdateCommand.Connection.Close();

}

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapter")]

[global::System.ComponentModel.DataObjectMethodAttribute(global::System.ComponentModel.DataObjectMethodType.Update, true)]

public virtual int Update(string Name, byte[] Photo, int Original\_id, int Original\_Student\_ID, string Original\_Name) {

return this.Update(Original\_Student\_ID, Name, Photo, Original\_id, Original\_Student\_ID, Original\_Name);

}

}

/// <summary>

///TableAdapterManager is used to coordinate TableAdapters in the dataset to enable Hierarchical Update scenarios

///</summary>

[global::System.ComponentModel.DesignerCategoryAttribute("code")]

[global::System.ComponentModel.ToolboxItem(true)]

[global::System.ComponentModel.DesignerAttribute("Microsoft.VSDesigner.DataSource.Design.TableAdapterManagerDesigner, Microsoft.VSD" +

"esigner, Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a")]

[global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.TableAdapterManager")]

public partial class TableAdapterManager : global::System.ComponentModel.Component {

private UpdateOrderOption \_updateOrder;

private script\_OrdersTableAdapter \_script\_OrdersTableAdapter;

private bool \_backupDataSetBeforeUpdate;

private global::System.Data.IDbConnection \_connection;

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public UpdateOrderOption UpdateOrder {

get {

return this.\_updateOrder;

}

set {

this.\_updateOrder = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.EditorAttribute("Microsoft.VSDesigner.DataSource.Design.TableAdapterManagerPropertyEditor, Microso" +

"ft.VSDesigner, Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3" +

"a", "System.Drawing.Design.UITypeEditor")]

public script\_OrdersTableAdapter script\_OrdersTableAdapter {

get {

return this.\_script\_OrdersTableAdapter;

}

set {

this.\_script\_OrdersTableAdapter = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public bool BackupDataSetBeforeUpdate {

get {

return this.\_backupDataSetBeforeUpdate;

}

set {

this.\_backupDataSetBeforeUpdate = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Browsable(false)]

public global::System.Data.IDbConnection Connection {

get {

if ((this.\_connection != null)) {

return this.\_connection;

}

if (((this.\_script\_OrdersTableAdapter != null)

&& (this.\_script\_OrdersTableAdapter.Connection != null))) {

return this.\_script\_OrdersTableAdapter.Connection;

}

return null;

}

set {

this.\_connection = value;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

[global::System.ComponentModel.Browsable(false)]

public int TableAdapterInstanceCount {

get {

int count = 0;

if ((this.\_script\_OrdersTableAdapter != null)) {

count = (count + 1);

}

return count;

}

}

/// <summary>

///Update rows in top-down order.

///</summary>

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private int UpdateUpdatedRows(KinneyDatabaseDataSet1 dataSet, global::System.Collections.Generic.List<global::System.Data.DataRow> allChangedRows, global::System.Collections.Generic.List<global::System.Data.DataRow> allAddedRows) {

int result = 0;

if ((this.\_script\_OrdersTableAdapter != null)) {

global::System.Data.DataRow[] updatedRows = dataSet.script\_Orders.Select(null, null, global::System.Data.DataViewRowState.ModifiedCurrent);

updatedRows = this.GetRealUpdatedRows(updatedRows, allAddedRows);

if (((updatedRows != null)

&& (0 < updatedRows.Length))) {

result = (result + this.\_script\_OrdersTableAdapter.Update(updatedRows));

allChangedRows.AddRange(updatedRows);

}

}

return result;

}

/// <summary>

///Insert rows in top-down order.

///</summary>

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private int UpdateInsertedRows(KinneyDatabaseDataSet1 dataSet, global::System.Collections.Generic.List<global::System.Data.DataRow> allAddedRows) {

int result = 0;

if ((this.\_script\_OrdersTableAdapter != null)) {

global::System.Data.DataRow[] addedRows = dataSet.script\_Orders.Select(null, null, global::System.Data.DataViewRowState.Added);

if (((addedRows != null)

&& (0 < addedRows.Length))) {

result = (result + this.\_script\_OrdersTableAdapter.Update(addedRows));

allAddedRows.AddRange(addedRows);

}

}

return result;

}

/// <summary>

///Delete rows in bottom-up order.

///</summary>

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private int UpdateDeletedRows(KinneyDatabaseDataSet1 dataSet, global::System.Collections.Generic.List<global::System.Data.DataRow> allChangedRows) {

int result = 0;

if ((this.\_script\_OrdersTableAdapter != null)) {

global::System.Data.DataRow[] deletedRows = dataSet.script\_Orders.Select(null, null, global::System.Data.DataViewRowState.Deleted);

if (((deletedRows != null)

&& (0 < deletedRows.Length))) {

result = (result + this.\_script\_OrdersTableAdapter.Update(deletedRows));

allChangedRows.AddRange(deletedRows);

}

}

return result;

}

/// <summary>

///Remove inserted rows that become updated rows after calling TableAdapter.Update(inserted rows) first

///</summary>

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private global::System.Data.DataRow[] GetRealUpdatedRows(global::System.Data.DataRow[] updatedRows, global::System.Collections.Generic.List<global::System.Data.DataRow> allAddedRows) {

if (((updatedRows == null)

|| (updatedRows.Length < 1))) {

return updatedRows;

}

if (((allAddedRows == null)

|| (allAddedRows.Count < 1))) {

return updatedRows;

}

global::System.Collections.Generic.List<global::System.Data.DataRow> realUpdatedRows = new global::System.Collections.Generic.List<global::System.Data.DataRow>();

for (int i = 0; (i < updatedRows.Length); i = (i + 1)) {

global::System.Data.DataRow row = updatedRows[i];

if ((allAddedRows.Contains(row) == false)) {

realUpdatedRows.Add(row);

}

}

return realUpdatedRows.ToArray();

}

/// <summary>

///Update all changes to the dataset.

///</summary>

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public virtual int UpdateAll(KinneyDatabaseDataSet1 dataSet) {

if ((dataSet == null)) {

throw new global::System.ArgumentNullException("dataSet");

}

if ((dataSet.HasChanges() == false)) {

return 0;

}

if (((this.\_script\_OrdersTableAdapter != null)

&& (this.MatchTableAdapterConnection(this.\_script\_OrdersTableAdapter.Connection) == false))) {

throw new global::System.ArgumentException("All TableAdapters managed by a TableAdapterManager must use the same connection s" +

"tring.");

}

global::System.Data.IDbConnection workConnection = this.Connection;

if ((workConnection == null)) {

throw new global::System.ApplicationException("TableAdapterManager contains no connection information. Set each TableAdapterMana" +

"ger TableAdapter property to a valid TableAdapter instance.");

}

bool workConnOpened = false;

if (((workConnection.State & global::System.Data.ConnectionState.Broken)

== global::System.Data.ConnectionState.Broken)) {

workConnection.Close();

}

if ((workConnection.State == global::System.Data.ConnectionState.Closed)) {

workConnection.Open();

workConnOpened = true;

}

global::System.Data.IDbTransaction workTransaction = workConnection.BeginTransaction();

if ((workTransaction == null)) {

throw new global::System.ApplicationException("The transaction cannot begin. The current data connection does not support transa" +

"ctions or the current state is not allowing the transaction to begin.");

}

global::System.Collections.Generic.List<global::System.Data.DataRow> allChangedRows = new global::System.Collections.Generic.List<global::System.Data.DataRow>();

global::System.Collections.Generic.List<global::System.Data.DataRow> allAddedRows = new global::System.Collections.Generic.List<global::System.Data.DataRow>();

global::System.Collections.Generic.List<global::System.Data.Common.DataAdapter> adaptersWithAcceptChangesDuringUpdate = new global::System.Collections.Generic.List<global::System.Data.Common.DataAdapter>();

global::System.Collections.Generic.Dictionary<object, global::System.Data.IDbConnection> revertConnections = new global::System.Collections.Generic.Dictionary<object, global::System.Data.IDbConnection>();

int result = 0;

global::System.Data.DataSet backupDataSet = null;

if (this.BackupDataSetBeforeUpdate) {

backupDataSet = new global::System.Data.DataSet();

backupDataSet.Merge(dataSet);

}

try {

// ---- Prepare for update -----------

//

if ((this.\_script\_OrdersTableAdapter != null)) {

revertConnections.Add(this.\_script\_OrdersTableAdapter, this.\_script\_OrdersTableAdapter.Connection);

this.\_script\_OrdersTableAdapter.Connection = ((global::System.Data.OleDb.OleDbConnection)(workConnection));

this.\_script\_OrdersTableAdapter.Transaction = ((global::System.Data.OleDb.OleDbTransaction)(workTransaction));

if (this.\_script\_OrdersTableAdapter.Adapter.AcceptChangesDuringUpdate) {

this.\_script\_OrdersTableAdapter.Adapter.AcceptChangesDuringUpdate = false;

adaptersWithAcceptChangesDuringUpdate.Add(this.\_script\_OrdersTableAdapter.Adapter);

}

}

//

//---- Perform updates -----------

//

if ((this.UpdateOrder == UpdateOrderOption.UpdateInsertDelete)) {

result = (result + this.UpdateUpdatedRows(dataSet, allChangedRows, allAddedRows));

result = (result + this.UpdateInsertedRows(dataSet, allAddedRows));

}

else {

result = (result + this.UpdateInsertedRows(dataSet, allAddedRows));

result = (result + this.UpdateUpdatedRows(dataSet, allChangedRows, allAddedRows));

}

result = (result + this.UpdateDeletedRows(dataSet, allChangedRows));

//

//---- Commit updates -----------

//

workTransaction.Commit();

if ((0 < allAddedRows.Count)) {

global::System.Data.DataRow[] rows = new System.Data.DataRow[allAddedRows.Count];

allAddedRows.CopyTo(rows);

for (int i = 0; (i < rows.Length); i = (i + 1)) {

global::System.Data.DataRow row = rows[i];

row.AcceptChanges();

}

}

if ((0 < allChangedRows.Count)) {

global::System.Data.DataRow[] rows = new System.Data.DataRow[allChangedRows.Count];

allChangedRows.CopyTo(rows);

for (int i = 0; (i < rows.Length); i = (i + 1)) {

global::System.Data.DataRow row = rows[i];

row.AcceptChanges();

}

}

}

catch (global::System.Exception ex) {

workTransaction.Rollback();

// ---- Restore the dataset -----------

if (this.BackupDataSetBeforeUpdate) {

global::System.Diagnostics.Debug.Assert((backupDataSet != null));

dataSet.Clear();

dataSet.Merge(backupDataSet);

}

else {

if ((0 < allAddedRows.Count)) {

global::System.Data.DataRow[] rows = new System.Data.DataRow[allAddedRows.Count];

allAddedRows.CopyTo(rows);

for (int i = 0; (i < rows.Length); i = (i + 1)) {

global::System.Data.DataRow row = rows[i];

row.AcceptChanges();

row.SetAdded();

}

}

}

throw ex;

}

finally {

if (workConnOpened) {

workConnection.Close();

}

if ((this.\_script\_OrdersTableAdapter != null)) {

this.\_script\_OrdersTableAdapter.Connection = ((global::System.Data.OleDb.OleDbConnection)(revertConnections[this.\_script\_OrdersTableAdapter]));

this.\_script\_OrdersTableAdapter.Transaction = null;

}

if ((0 < adaptersWithAcceptChangesDuringUpdate.Count)) {

global::System.Data.Common.DataAdapter[] adapters = new System.Data.Common.DataAdapter[adaptersWithAcceptChangesDuringUpdate.Count];

adaptersWithAcceptChangesDuringUpdate.CopyTo(adapters);

for (int i = 0; (i < adapters.Length); i = (i + 1)) {

global::System.Data.Common.DataAdapter adapter = adapters[i];

adapter.AcceptChangesDuringUpdate = true;

}

}

}

return result;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected virtual void SortSelfReferenceRows(global::System.Data.DataRow[] rows, global::System.Data.DataRelation relation, bool childFirst) {

global::System.Array.Sort<global::System.Data.DataRow>(rows, new SelfReferenceComparer(relation, childFirst));

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

protected virtual bool MatchTableAdapterConnection(global::System.Data.IDbConnection inputConnection) {

if ((this.\_connection != null)) {

return true;

}

if (((this.Connection == null)

|| (inputConnection == null))) {

return true;

}

if (string.Equals(this.Connection.ConnectionString, inputConnection.ConnectionString, global::System.StringComparison.Ordinal)) {

return true;

}

return false;

}

/// <summary>

///Update Order Option

///</summary>

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public enum UpdateOrderOption {

InsertUpdateDelete = 0,

UpdateInsertDelete = 1,

}

/// <summary>

///Used to sort self-referenced table's rows

///</summary>

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private class SelfReferenceComparer : object, global::System.Collections.Generic.IComparer<global::System.Data.DataRow> {

private global::System.Data.DataRelation \_relation;

private int \_childFirst;

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

internal SelfReferenceComparer(global::System.Data.DataRelation relation, bool childFirst) {

this.\_relation = relation;

if (childFirst) {

this.\_childFirst = -1;

}

else {

this.\_childFirst = 1;

}

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

private global::System.Data.DataRow GetRoot(global::System.Data.DataRow row, out int distance) {

global::System.Diagnostics.Debug.Assert((row != null));

global::System.Data.DataRow root = row;

distance = 0;

global::System.Collections.Generic.IDictionary<global::System.Data.DataRow, global::System.Data.DataRow> traversedRows = new global::System.Collections.Generic.Dictionary<global::System.Data.DataRow, global::System.Data.DataRow>();

traversedRows[row] = row;

global::System.Data.DataRow parent = row.GetParentRow(this.\_relation, global::System.Data.DataRowVersion.Default);

for (

; ((parent != null)

&& (traversedRows.ContainsKey(parent) == false));

) {

distance = (distance + 1);

root = parent;

traversedRows[parent] = parent;

parent = parent.GetParentRow(this.\_relation, global::System.Data.DataRowVersion.Default);

}

if ((distance == 0)) {

traversedRows.Clear();

traversedRows[row] = row;

parent = row.GetParentRow(this.\_relation, global::System.Data.DataRowVersion.Original);

for (

; ((parent != null)

&& (traversedRows.ContainsKey(parent) == false));

) {

distance = (distance + 1);

root = parent;

traversedRows[parent] = parent;

parent = parent.GetParentRow(this.\_relation, global::System.Data.DataRowVersion.Original);

}

}

return root;

}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSetGenerator", "16.0.0.0")]

public int Compare(global::System.Data.DataRow row1, global::System.Data.DataRow row2) {

if (object.ReferenceEquals(row1, row2)) {

return 0;

}

if ((row1 == null)) {

return -1;

}

if ((row2 == null)) {

return 1;

}

int distance1 = 0;

global::System.Data.DataRow root1 = this.GetRoot(row1, out distance1);

int distance2 = 0;

global::System.Data.DataRow root2 = this.GetRoot(row2, out distance2);

if (object.ReferenceEquals(root1, root2)) {

return (this.\_childFirst \* distance1.CompareTo(distance2));

}

else {

global::System.Diagnostics.Debug.Assert(((root1.Table != null)

&& (root2.Table != null)));

if ((root1.Table.Rows.IndexOf(root1) < root2.Table.Rows.IndexOf(root2))) {

return -1;

}

else {

return 1;

}

}

}

}

}

}

#pragma warning restore 1591