/\*\*\*\*\*\*\* Bellevue Visits Connection Settings \*\*\*\*\*\*\*\*\*\*/

#### \*\*\*Note: Bellevue Visits Source to Flat File Destination.

	Advar	nced							
Time	Patient	Doctor	Procedure	Charge					
Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}					
Unicode String	Unicode String	Unicode String	Unicode String	Unicode String					
DT_WSTR	DT_WSTR	DT_WSTR	_	DT_WSTR					
50	50	50	50	50					
TRUE	TRUE	TRUE	TRUE	TRUE					
	Gene	eral							
1&3.BellevueVisitsDerive	dDTSourceFlatConn								
Connects to Bellevue Visi	ts CSV Source on Flat Fil	es.							
File Name: C:\_BISolutions\Module08 The Final\Final\ClinicDailyData\Bellevue\20100102Visits.csv									
Locale: English (United States)									
Delimited	limited								
None									
{CR}{LF}									
0									
Checked									
	Connec	ctions							
Input Columns:			Output Columns:						
Data Type	Length	Column	Data type	Length					
Unicode string			Unicode string						
	50	Time	G	50					
			Unicode string						
[DT_WSTR]	50	Patient	[DT_WSTR]	50					
Unicode string	50		Unicode string	50					
[DT_WSTR]	30	Doctor	[DT_WSTR]	30					
	50	Due se de ve	G	50					
		Procedure							
	50	Charge	_	50					
	Comma {,} Unicode String DT_WSTR  50 TRUE  1&3.BellevueVisitsDerive Connects to Bellevue Visi C:\_BISolutions\Module0 English (United States) Delimited None {CR}{LF} 0 Checked  Input Columns: Data Type  Unicode string [DT_WSTR] Unicode string [DT_WSTR] Unicode string	Time Patient  Comma {,} Comma {,}  Unicode String Unicode String DT_WSTR  50 50  TRUE TRUE  Gene  1&3.BellevueVisitsDerivedDTSourceFlatConn  Connects to Bellevue Visits CSV Source on Flat Fill  C:\_BISolutions\Module08 The Final\Final\ClinicDE  English (United States)  Delimited  None  {CR}{LF}  0  Checked  Connect  Input Columns:  Data Type Length  Unicode string [DT_WSTR] 50  Unicode string [DT_WSTR] 50	Time Patient Doctor  Comma {,} Comma {,} Comma {,}  Unicode String Unicode String DT_WSTR DT_WSTR  50 50 50 50  TRUE TRUE TRUE  General  1&3.BellevueVisitsDerivedDTSourceFlatConn  Connects to Bellevue Visits CSV Source on Flat Files.  C:\_BISolutions\Module08 The Final\Final\ClinicDailyData\Bellevue\20100 English (United States)  Delimited  None  {CR}{LF}  0  Checked  Connections  Input Columns:  Data Type Length Column  Unicode string [DT_WSTR] 50 Time  Unicode string [DT_WSTR] 50 Patient  Unicode string [DT_WSTR] 50 Doctor  Unicode string [DT_WSTR] 50 Procedure  Unicode string [DT_WSTR] 50 Procedure  Unicode string [DT_WSTR] 50 Procedure	Time Patient Doctor Procedure  Comma {} Comma {} Comma {}  Unicode String Unicode String Unicode String DT_WSTR DT_WSTR DT_WSTR DT_WSTR DT_WSTR  50 50 50 50 50  TRUE TRUE TRUE TRUE  Connects to Bellevue Visits CSV Source on Flat Files.  C:\_BISolutions\Module08 The Final\Final\ClinicDailyData\Bellevue\20100102Visits.csv  English (United States)  Delimited  None  {CR}{LF} 0  Checked  Connections  Input Columns: Output Columns:  Data Type Length Column Data type  Unicode string [DT_WSTR] 50 Time [DT_WSTR]  Unicode string [DT_WSTR] 50 Time [DT_WSTR]  Unicode string [DT_WSTR] 50 Doctor [DT_WSTR]  Unicode string [DT_WSTR] 50 Doctor [DT_WSTR]  Unicode string [DT_WSTR] 50 Procedure [DT_WSTR]					

# Derived Column Settings

\*\*\*Note: There is nothing in the Output column. The only input is time.

Time is replaced with the expression as "time".

			Deri	ived Column Settings (Time)					
			Input Columns:		Output Columns: None				
Colu mn			Expression	Friendly Expression	Output Columns	Data type	Leng th	Usage Type	
Time	Unicode string [DT_WSTR]	50	(DT_WSTR,4)[DATEPART]("yyyy", [GETDATE]()) + [RIGHT]("0" + (DT_WSTR,2)[DATEPART]("mm",[ GETDATE]()),2) + [RIGHT]("0" + (DT_WSTR,2)[DATEPART]("dd",[G ETDATE]()),2) + #32	(DT_WSTR,4)DATEPART("yyyy", GETDATE()) + RIGHT("0" + (DT_WSTR,2)DATEPART("mm", GETDATE()),2) + RIGHT("0" + (DT_WSTR,2)DATEPART("dd",G ETDATE()),2) + Time	Time-Alias Derived (Replace)	Unicode string [DT_WSTR]	50	READW RITE	

#### Bellevue Visits Flat File Destination Connection

# \*\*\*Note: This writes to the Flat File Bellevue\_VisitsDTMerged.csv

	2. Bellevue Visits Derived DTD est Flat Conn								
		_	Advanced	_					
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge			
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}			
Data Type:	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR			
OutPut Column Width:	50	50	50	50	50	50			
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE			
			General						
Connection Manager	102 Delle								
Name:	1&3.BellevueVisitsDe								
Description:	Connects to Bellevue	Visits CSV Destination	on Flat Files.						
File Name:	C:\_BISolutions\Modu	ule08 The Final\Final\C	linicDailyData\Bellevue	e\Bellevue_VisitsDTMerg	ged\Bellevue_VisitsDT <b>I</b>	Merged.csv			
Locale:	English (United States	s)							
Format:	Delimited								
Text Qualifier:	None								
Header Row Delimiter:	{CR}{LF}								
Header Rows to Skip: Column Names in First	0								
Data Row:	Unchecked								

		Connec	tions		
	Input Columns:			Output Columns:	
Column	Data Type	Length	Column	Data type	Length
	Unicode string			Unicode string	
Time	[DT_WSTR]	50	Time	[DT_WSTR]	50
	Unicode string	50		Unicode string	50
Patient	[DT_WSTR]	30	Patient	[DT_WSTR]	30
	Unicode string	50		Unicode string	50
Doctor	[DT_WSTR]	30	Doctor	[DT_WSTR]	30
	Unicode string	50		Unicode string	50
Procedure	[DT_WSTR]	30	Procedure	[DT_WSTR]	30
	Unicode string	50		Unicode string	50
Charge	[DT_WSTR]	30	Charge	[DT_WSTR]	30
				Unicode string	50
<lgnore></lgnore>			Clinic	[DT_WSTR]	30

#### Bellevue Visits Connection Source

\*\*\*Note: This set takes from this source and writes out to the Patient Database (OLTP).

		1&3_Bellevue Visi	its Flat File Source		
		Adva	nced		
Name:	Time	Patient	Doctor	Procedure	Charge
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}
Data Type:	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR
OutPut Column Width:	50	50	50	50	50
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE
		Gen	eral		
Connection Manager Name:	1&3.BellevueVisitsDerive	dDTSourceFlatConn			
Description:	Connects to Bellevue Visi	ts CSV Source on Flat Fi	les.		
File Name:	C:\_BISolutions\Module0	8 The Final\Final\Clinic	DailyData\Bellevue\20100	102Visits.csv	
Locale:	English (United States)				
Format:	Delimited				
Text Qualifier:	None				
Header Row Delimiter:	{CR}{LF}				
Header Rows to Skip:	0				
Column Names in First Data					
Row:	Checked				
		Conne	ctions		
	Input Columns:	T		Output Columns:	
Column	Data Type	Length	Column	Data type	Length
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50

# Derived Column Settings (Clinic)

\*\*\*Note: There is no input column, Clinic is a derived column that will give a 0 for nothing.

				Derived Co	lumn Settings (Clinic)					
		Input	Columns: N	one	Output Columns: Clinic					
Column	Data Type	Length	ngth   Expression   Friendly Expression		Output Columns	Data type	Length	Usage Type		
					Clinic					
NA	NA	NA	ISNULL(-1)	ISNULL(-1)	<add as="" column="" new=""></add>	Boolean [DT_BOOL]		READWRITE		

#### Derived Column (Time to OutTime)

\*\*\*Note: Time is being replaced by OutTime. Variable Date is applied to the given time (OutTime).

			Derived Column Sett	ings (Time to Οι	utTime)		
		Input(	0): Flat File Source		Output(0): OLTP DB		
Column	Data Type	Lengt h	Script (Added)	Output Columns	Data type	Lengt h	Usage Type
			<pre>public override void Input0_ProcessInputRow(Input0Buffer Row)    {     var Date = DateTime.Now.Date;</pre>				
(Time)	Unicode string [DT_WSTR]	50	if (!Row.Time_IsNull && !string.IsNullOrEmpty(Row.Time.Trim())	OutTime	database timestamp [DT_DBTIMESTAMP]		
Patient	Unicode string [DT_WSTR]	50	) {				
Doctor	Unicode string [DT_WSTR]	50	Row.OutTime = DateTime.ParseExact(Row.Time.Trim(),				
Procedur e	Unicode string [DT_WSTR]	50	new string[] {Date + "HH:mm",				
Charge	Unicode string [DT_WSTR]	50	"H:mm" }, new				
		50	System.Globalization.CultureInfo("En-US"), System.Globalization.DateTimeStyles.None);  } else { Row.OutTime_IsNull = true;				
Clinic	Unicode string [DT_WSTR]		}				

#### Destination Patient DB

4.Patient.Patient OLEDB Conn									
	Advanced								
Name:	Time	Patient	Doctor	Procedure	Charge	Clinic			
Column Delimiter:	Comma {,}	{CR}{LF}							
	Unicode String								
Data Type:	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR			
OutPut Column Width:	50	50	50	50	50	50			
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE			

General

**Connection Manager** 

Name:

1&3.BellevueVisitsDerivedDTSourceFlatConn

Description:

Connects to Bellevue Visits CSV Source on Flat Files.

C:\\_BISolutions\Module08 The Final\Final\Final\ClinicDailyData\Bellevue\20100102Visits.csv

File Name:

English (United States)

Locale: Format:

Delimited

Text Qualifier:

None

Header Row Delimiter:

{CR}{LF}

Header Rows to Skip:

0

Column Names in First

Data Row:

Unchecked

	Connections									
	Input Columns:		Output Columns:							
Column	Column Data Type		Column	Data type						
Time	Unicode string [DT_WSTR]	50	Time	No Mapping (Ignore)						
Patient	Unicode string [DT_WSTR]	50	Patient	four-byte unsigned integer [DT_UI4]						
Doctor	Unicode string [DT_WSTR]	50	Doctor	four-byte unsigned integer [DT_UI4]						
Procedure	Unicode string [DT_WSTR]	50	Procedure	four-byte unsigned integer [DT_UI4]						
Charge	Unicode string [DT_WSTR]	50	Charge	currency [DT_CY]						
OutTime	DT_DBTIMESTAMP	0	Date	database timestamp [DT_DBTIMESTAMP]						
Clinic	DT_BOOL	0	Clinic	four-byte unsigned integer [DT_UI4]						
<lgnore></lgnore>	<lgnore></lgnore>	<lgnore></lgnore>	ID	No Mapping (Ignore)						

	1&3. Kirkland Visits Derived DTS our ce Flat Conn									
Advanced										
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge				
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}				
	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String				
Data Type:	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR				
OutPut Column Width:	50	50	50	50	50	50				
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE				

Gener

Connection Manager

Name:

1&3.KirklandVisitsDerivedDTSourceFlatConn

Description:

Connects to Kirkland Visits CSV Source on Flat Files.

File Name:

C:\\_BISolutions\Module08 The Final\Final\ClinicDailyData\Kirkland\20100102Visits.csv

English (United States)

Locale: Format:

Delimited

Text Qualifier:

None

Header Row Delimiter:

{CR}{LF}

Header Rows to Skip:

0

Column Names in First

Data Row:

Checked

		Conne	ctions			
	Input Columns:		Output Columns:			
Column	Data Type	Length	Column	Data type	Length	
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50	
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50	
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50	
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50	
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50	
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50	

# Derived Column

# Replace the time column with DateTime

Note: The expression string adds today's date to the already given time values while replacing the time column.

				Derived Column Settings				
			Input Columns:			Output Columns:		
Colu mn	Data Type	Len gth	Expression	Friendly Expression	Output Columns	Data type	Len gth	Usage Type
Time	Unicode string [DT_WSTR]	50	(DT_WSTR,4)[DATEPART]("yyyy ",[GETDATE]()) + [RIGHT]("0" + (DT_WSTR,2)[DATEPART]("mm" ,[GETDATE]()),2) + [RIGHT]("0" + (DT_WSTR,2)[DATEPART]("dd",[ GETDATE]()),2) + #32	(DT_WSTR,4)DATEPART("yyyy ",GETDATE()) + RIGHT("0" + (DT_WSTR,2)DATEPART("mm ",GETDATE()),2) + RIGHT("0" + (DT_WSTR,2)DATEPART("dd", GETDATE()),2) + Time	Time-Alias Derived (Replace)	Unicode string [DT_WSTR] Unicode string	<del>50</del> 50	READW RITE
					Patient  Doctor	[DT_WSTR] Unicode string [DT_WSTR]	50	
					Procedure	Unicode string [DT_WSTR]	50	
					Charge	Unicode string [DT_WSTR]	50	
					Clinic	Unicode string [DT_WSTR]	50	

#### Destination (Flat File)

\*\*\*Note: Outputs to Kirkland\_VisitsDTMerged.csv with correct DateTime string.

	2. Kirkland Visits Derived DTD est Flat Conn										
Advanced											
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge					
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}					
Data Type:	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR					
OutPut Column Width:	50	50	50	50	50	50					
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE					
			General								

Connection Manager Name: 2.KirklandVisitsDerivedDestFlatConn Description: Kirkland Visits Derived Destination Date/Time ETL C:\\_BISolutions\Module08 The Final\Final\ClinicDailyData\Kirkland\VisitsDTMerged\Kirkland\_VisitsDTMerged.csv File Name: English (United States) Locale: Format: Delimited Text Qualifier: None Header Row Delimiter: {CR}{LF} Header Rows to Skip: 0

Column Names in First

Data Row: Unchecked

		Connec	tions				
	Input Columns:			Output Columns:			
Column	Column Data Type Length			Data type	Length		
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50		
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50		
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50		
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50		
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50		
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50		

#### Flat File Source to OLEDB Database (OLTP)

#### \*\*\*Note: This Set writes from a Flat File to the Patient Database.

1&3.KirklandVisitsDerivedDTSourceFlatConn  Advanced									
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge			
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}			
Data Type:	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR			
OutPut Column Width:	50	50	50	50	50	50			
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE			
			General						
Connection Manager									
Name:	1&3.KirklandVisits	Derived DTS ource Flat Co	onn						
Description:	Connects to Kirkla	nd Visits CSV Source or	n Flat Files.						
File Name:	C:\_BISolutions\M	odule08 The Final\Fina	al\ClinicDailyData\Kirk	land\20100102Visits.c	SV				
Locale:	English (United Sta	tes)							
Format:	Delimited								
Text Qualifier:	None								
Header Row Delimiter:	{CR}{LF}								

Header Rows to Skip: Column Names in First

Checked Data Row:

0

		Connecti	ons			
	Input Columns:		Output Columns:			
Column	Data Type	Length	Column	Data type	Length	
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50	
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50	
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50	
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50	
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50	
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50	

# Script Component: Time to OutTime

\*\*\*Note: The C# Script adds today's date in a variable with the already given time values.

		Script Component Se	ettings (Time to (	OutTime)		
Inp		(0):		Output(0):		
Len h	umn Data Type	Script (Added)	Output Columns Data type			Usage Type
		<pre>public override void Input0_ProcessInputRow(Input0Buffe r Row)     {       var Date = DateTime.Now.Date;</pre>				
50	Unicode string [DT_WSTR]	if (!Row.Time_IsNull && !string.IsNullOrEmpty(Row.Time.Trim(	OutTime	database timestamp [DT_DBTIMESTAMP] (Replace	Time)	
50	Unicode string ent [DT_WSTR]	))) {		[		
50	Unicode string [DT_WSTR]	Row.OutTime = DateTime.ParseExact(Row.Time.Trim(				
50	edu Unicode string [DT_WSTR]	), new string[] {Date + "HH:mm",				
50	Unicode string [DT_WSTR]	"H:mm" }, new System.Globalization.CultureInfo("En-US"), System.Globalization.DateTimeStyles. None);				
50	Unicode string	} else {     Row.OutTime_IsNull = true; }				
50	Unicode string c [DT_WSTR]	{				

***Note:	We	are	writing	out	to	the	OLTP	SQL	Database.	(Destination:	OLTP
----------	----	-----	---------	-----	----	-----	------	-----	-----------	---------------	------

		4.Patie	ent.Patient OLEDB Co	nn		
***Input Settings:			Advanced			
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}
	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String
Data Type:	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR
OutPut Column Width:	50	50	50	50	50	50
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
			General			

DB)

**Connection Manager** Name: 1&3.KirklandVisitsDerivedDTSourceFlatConn Description: Kirkland Visits Derived Destination Date/Time ETL C:\\_BISolutions\Module08 The Final\Final\ClinicDailyData\Kirkland\ 20100102Visits.csv File Name:

Locale: English (United States)

0

Delimited Format: Text Qualifier: None Header Row Delimiter: {CR}{LF}

Header Rows to Skip:

Column Names in First

Data Row: Unchecked

		Connec	tions			
	Input Columns:		Output Columns: OLTP DB			
Column	Data Type	Length	Column	Data type		
OutTime	DT_DBTIMESTAMP	0	Date	database timestamp [DT_DBTIMESTAMP]		
Patient	Unicode string [DT_WSTR]	50	Patient	four-byte signed integer [DT_I4]		
Doctor	Unicode string [DT_WSTR]	50	Doctor	four-byte signed integer [DT_I4]		
Procedure	Unicode string [DT_WSTR]	50	Procedure	four-byte signed integer [DT_I4]		
Charge	Unicode string [DT_WSTR]	50	Charge	currency [DT_CY]		
Clinic	Unicode string [DT_WSTR]	50	Clinic	four-byte signed integer [DT_I4]		
<lgnore></lgnore>	<lgnore></lgnore>	<lgnore></lgnore>	ID	No Mapping (Ignore)		
Time	Unicode string [DT_WSTR]	50	<lgnore></lgnore>	No Mapping (Ignore)		

#### Source Connection Flat File to Flat File

	1&3.Redmond VisitsDerivedDTSourceFlatConn										
Advanced											
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge					
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}					
	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String					
Data Type:	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR					
OutPut Column Width:	50	50	50	50	50	50					
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE					

General

**Connection Manager** 

Name:

1&3.RedmondVisitsDerivedDTSourceFlatConn

Description:

Connects to Redmond Visits CSV Source on Flat Files.

File Name:

C:\\_BISolutions\Module08 The Final\Final\ClinicDailyData\Redmond\20100102Visits.csv

Locale:

English (United States)

Format:

Delimited None

Text Qualifier:
Header Row Delimiter:

{CR}{LF}

Header Rows to Skip:

0

Column Names in First

Data Row:

Checked

	Connections										
	Input Columns:			Output Columns:							
Column	Data Type	Length	Column	Data type	Length						
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50						
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50						
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50						
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50						
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50						
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50						

# Derived Column (Time to Replace Time)

Script adds the time together with today's Date.

\*\*\*Note: Derived Input Column Time is being replaced by OutTime.

				Derived Column Settings				
			Input Columns: Time			Output Columns: N	one	
Colu mn	Data Type	Leng th	Expression	Friendly Expression	Output Columns	Data type	Leng th	Usage Type
Time	Unicode string [DT_WSTR]	50	(DT_WSTR,4)[DATEPART]("yyyy", [GETDATE]()) + [RIGHT]("0" + (DT_WSTR,2)[DATEPART]("mm",[ GETDATE]()),2) + [RIGHT]("0" + (DT_WSTR,2)[DATEPART]("dd",[G ETDATE]()),2) + #32	(DT_WSTR,4)DATEPART("yyyy", GETDATE()) + RIGHT("0" + (DT_WSTR,2)DATEPART("mm", GETDATE()),2) + RIGHT("0" + (DT_WSTR,2)DATEPART("dd",G ETDATE()),2) + Time	Time Time-Alias Derived (Replace)	Unicode string [DT_WSTR]	50	READW RITE

### Destination Flat File (Redmond\_VisitsMerged.csv)

	2. Redmond Visits Derived DTD est Flat Conn										
Advanced											
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge					
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}					
	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String					
Data Type:	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR					
OutPut Column Width:	50	50	50	50	50	50					
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE					
			General								

**Connection Manager** 

Name: Description:

Locale:

2. Redmond Visits Derived Dest Flat Conn

Redmond Visits Derived Destination Date/Time ETL (Flat File to Flat File)

File Name: C:\\_BISolutions\Module08 The Final\Final\ClinicDailyData\Redmond\Redmond\_VisitsDTMerged\Redmond\_VisitsDTMerged.csv

English (United States)

Format: Text Qualifier:

None

Header Row Delimiter:

{CR}{LF}

Delimited

Header Rows to Skip:

0

Column Names in First

Data Row:

Unchecked

		Conne	ctions				
	Input Columns:			Output Columns:			
Column	Data Type	Length	Column	Data type	Length		
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50		
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50		
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50		
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50		
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50		
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50		

#### Flat File Source Connection to OLEDB Database

#### \*\*\*Note: Our final output will go into a OLEDB Database Connection (Patient. Visits).

1&3.Redmond VisitsDerivedDTSourceFlatConn								
Advanced								
Name:	Name: Time Patient Clinic Doctor Procedure Charge							
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}		
	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String	Unicode String		
Data Type:	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR		
OutPut Column Width:	50	50	50	50	50	50		
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE		
Conoral								

#### General

Connection Manager Name:

1&3.RedmondVisitsDerivedDTSourceFlatConn

Description: Connects to Redmond Visits CSV Source on Flat Files.

File Name:

C:\\_BISolutions\Module08 The Final\Final\ClinicDailyData\Redmond\20100102Visits.csv

English (United States)

Locale: Format:

Delimited

Text Qualifier:
Header Row Delimiter:

None {CR}{LF}

Header Rows to Skip:

0

Column Names in First

Data Row:

Checked

Connections							
	Input Columns:			Output Columns:			
Column Data Type Length			Column	Data type	Length		
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50		
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50		
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50		
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50		
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50		
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50		

# Script Component (Time to OutTime)

\*\*\*Note: Variable Date is DateTime.Now.Date, Today's date added to the current time.

			Script Component Co	_					
Input(0):					Output(0): OutTime				
Column Data Type h		Script (Added)	Output Columns	Data type	Lengt h	Usage Type			
			public override void Input0_ProcessInputRow(Input0Buffer Row) {						
<mark>Time</mark>	Unicode string [DT_WSTR]	50	<pre>var Date = DateTime.Now.Date;  if (!Row.Time_IsNull &amp;&amp;    !string.IsNullOrEmpty(Row.Time.Trim())</pre>	OutTime	database timestamp [DT_DBTIMESTAMP]				
Patient	Unicode string [DT_WSTR]	50	{						
Doctor	Unicode string [DT_WSTR]	50	Row.OutTime = DateTime.ParseExact(Row.Time.Trim(),						
Procedur e	Unicode string [DT_WSTR]	50	new string[] {Date + "HH:mm",						
Charge	Unicode string [DT_WSTR]	50	"H:mm" }, new						
		50	System.Globalization.CultureInfo("En-US"), System.Globalization.DateTimeStyles.None);  } else { Row.OutTime_IsNull = true; }						
Clinic	Unicode string [DT_WSTR]		}						

#### Destination Connection (OLEDB Patient)

4.Patient.Patient OLEDB Conn (Redmond)							
Advanced							
Name: Time Patient Clinic Doctor Procedure Charge							
Column Delimiter:	Comma {,}	{CR}{LF}					
	Unicode String						
Data Type:	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	DT_WSTR	
OutPut Column Width:	50	50	50	50	50	50	
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	
Conoral							

Genera

**Connection Manager** 

Name:

4.Patient.Patient OLEDB Conn

Description:

20100102Visits.csv to Patient (Visits) Database (OLTP)

File Name:

C:\\_BISolutions\Module08 The Final\Final\ClinicDailyData\Redmond\20100102Visits.csv

Locale:

English (United States)

Format:
Text Qualifier:

Delimited None

Header Row Delimiter:

{CR}{LF}

Header Rows to Skip:

0

Column Names in First

Data Row:

Unchecked

		Connec	tions		
	Input Columns:		Output Columns:		
Column Data Type		Length	Column	Data type	
OutTime	DT_DBTIMESTAMP	0	Date	database timestamp [DT_DBTIMESTAMP]	
Patient	Unicode string [DT_WSTR]	50	Patient	four-byte signed integer [DT_I4]	
Doctor	Unicode string [DT_WSTR]	50	Doctor	four-byte signed integer [DT_I4]	
Procedure	Unicode string [DT_WSTR]	50	Procedure	four-byte signed integer [DT_I4]	
Charge	Unicode string [DT_WSTR]	50	Charge	currency [DT_CY]	
Clinic	Unicode string [DT_WSTR]	50	Clinic	four-byte signed integer [DT_I4]	
<lgnore></lgnore>	<lgnore></lgnore>	<lgnore></lgnore>	ID	No Mapping (Ignore)	
Time	Unicode string [DT_WSTR]	50	<lgnore></lgnore>	No Mapping (Ignore)	