

Transfer information from a Flat File to a SQL Database

By: Chris Singleton

1. Drag the Data Flow Task onto the area.

Scripts Split Valid and Invalid Emails

Copy Data From Flat File to Patients Database.

Split Bellevue Valid and Invalid Emails C# Script Task

Bellevue Flat File to OLTP DB Data Flow Task

Split Kirkland Valid and Invalid Emails C# Script Task

Kirkland Flat File to OLTP DB Data Flow Task

Split Redmond Valid and Invalid Emails C# Script Task

Redmond Flat File to OLTP DB Data Flow Task

Connection Managers

- 1&3.BellevueVisitsDerivedDTSourceFlatConn
- 1&3.KirklandVisitsDerivedDTSourceFlatConn
- 1&3.RedmondVisitsDerivedDTSourceFlatConn
- 1.BellevueEmailToValidateSourceFlatConn
- 1.BellevueNPOriginEmailSourceFlatFileConn
- 1.KirklandNPOriginEmailSourceFlatFileConn
- 1.RedmondNPOriginEmailSourceFlatFileConn
- 2.BellevueParseFlatEmailDestConn
- 2.BellevueVisitsDerivedDTDestFlatConn

Output

Show output from:

Solution Explorer

- Solution 'NewPatientsVisitsAddDateEmailValidatorETL'
- Data Modeling Designs
- DoctorsSchedules (OLTP)
- DWCorporateReports (OLAP)
- Patients (OLTP)
- Database BackUps
- Documentation
- BI Solutions Worksheet
- LessonsLearned.docx
- TechnicalSupportOverview.do
- DWCorporateReportsDB (OLAP)
- DWCorporateReports.bak
- DWCorporateReports.mdf
- Error Log
- ErrorLog.Log
- New Patients Data Date Time M
- Bellevue_VisitsDTMerged.csv
- Kirkland_VisitsDTMerged.csv
- Redmond_VisitsDTMerged.csv
- Original NewPatients Data
- Bellevue
- Kirkland
- Redmond
- Patients Doctors Clinics DBs (OL
- DoctorsSchedules.mdf
- Patients.mdf
- T-SQL Scripts
- DWCorporateReportsDB.sql
- DWCorporateReportsETL.sql
- PatientsTEST_DB.sql
- Validated Invalid Emails
- Bellevue_InvalidEmailData.csv
- Kirkland_InvalidEmailData.csv
- Redmond_InvalidEmailData.csv
- Validated Valid Emails
- Bellevue_ValidEmailData.csv
- Kirkland_ValidEmailData.csv
- Redmond_ValidEmailData.csv
- NewPatientsAddDateEmailValidatorETL
- Data Sources
- SSIS Packages
- NewPatientsVisitsAddDateEmailValidatorETL

Server Explorer

SSIS Toolbox

Error List

Output

Find Symbol Results

Ready

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NewPatientsVisitsAddDateEmailValidatorETL - Microsoft Visual Studio

File Edit View Project Build Debug Team SSIS Tools Architecture Test Analyze Window Help

Developi Any CPU Start SQL SQL

SSIS Toolbox

- HDFS File Destination
- HDFS File Source
- Lookup
- Merge
- Merge Join
- Multicast
- OData Source
- ODBC Destination
- ODBC Source
- OLE DB Command
- Row Count
- Script Component
- Slowly Changing Dimension
- Sort
- Union All
- Azure
- Other Transforms
- Other Sources
 - ADO NET Source
 - CDC Source
 - Excel Source
 - Flat File Source
 - OLE DB Source
 - Raw File Source
 - XML Source
- Other Destinations
 - ADO NET Destination
 - Data Mining Model Training
 - DataReader Destination
 - Dimension Processing
 - Excel Destination
 - Flat File Destination
 - OLE DB Destination
 - Partition Processing
 - Raw File Destination
 - Recordset Destination
 - SQL Server Compact Destin...
 - SQL Server Destination

NewPatientsVisitsAddDateEmailValidatorETL.dtsx [Design]*

Control Flow Data Flow Parameters Event Handlers Package Explorer Execution Results

Data Flow Task: Bellevue Flat File to OLTP DB Data Flow Task

Bellevue Patients Valid Emails CSV Flat File to Patients SQL Database (OLTP)

* Email Splits Keep Rows Complete to Preserve Patient Data.
(We originally split based on the column's position)

3. Drag the Flat File Source onto the area.

Bellevue Patients Flat File Source

Bellevue Patients Data Conversion

Patients OLE DB Destination

Input/Output Conversions (string length, datatype)
*Note: Data Conversion is where we can change the string lengths.

4. Right Click and create a Flat File Connection.

Connection Managers

1&3.BellevueVisitsDerivedDTSsourceFlatConn	1&3.KirklandVisitsDerivedDTSsourceFlatConn	1&3.RedmondVisitsDerivedDTSsourceFlatConn
1.BellevueEmailToValidateSourceFlatConn	1.BellevueNPOriginEmailSourceFlatFileConn	1.KirklandNPOriginEmailSourceFlatFileConn
1.RedmondNPOriginEmailSourceFlatFileConn	2.BellevueParseFlatEmailDestConn	2.BellevueVisitsDerivedDTDestFlatConn
2.KirklandValidEmailFlatFileDestConn	2.KirklandVisitsDerivedDestFlatConn	2.RedmondNPValidEmailDestFlatConn
2.RedmondVisitsDerivedDTDestFlatConn	3.BellevueNewPatientsValidEmailSourceFlatFileConn	
3.KirklandNewPatientsValidEmailSourceFlatFileConn	3.RedmondNewPatientsValidEmailSourceFlatFileConn	ErrorLog.Log
localhost.DoctorsSchedules	localhost.DWCorporateReports	PatientsPatientsOLEDBConn
		SQLServerBackup

Output

Show output from: Debug

SSIS package "C:_BISolutions\Module08 The Final\Final\NewPatientsAddDateEmailValidatorSol\CSharpEmailVali
SSIS package "C:_BISolutions\Module08 The Final\Final\NewPatientsAddDateEmailValidatorSol\CSharpEmailVali
The program '[10036] DtsDebugHost.exe: DTS' has exited with code 0 (0x0).

Solution Explorer

Search Solution Explorer (Ctrl+):

- Solution 'NewPatientsVisitsAddDate'
 - Data Modeling Designs
 - DoctorsSchedules (OLTP)
 - DWCorporateReports (OLAP)
 - Patients (OLTP)
 - Database BackUps
 - Documentation
 - BI Solutions WorkSheet
 - LessonsLearned.docx
 - TechnicalSupportOverview.do
 - DWCorporateReportsDB (OLAP)
 - DWCorporateReports.bak
 - DWCorporateReports.mdf
 - Error Log
 - ErrorLog.Log
 - New Patients Data Date Time M
 - Bellevue_VisitsDTMerged.csv
 - Kirkland_VisitsDTMerged.csv
 - Redmond_VisitsDTMerged.c
 - Original NewPatients Data
 - Bellevue
 - Kirkland
 - Redmond
 - Patients Doctors Clinics DBs (OL
 - DoctorsSchedules.mdf
 - Patients.mdf
 - T-SQL Scripts
 - DWCorporateReportsDB.sql
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 - Validated Invalid Emails
 - Bellevue_InValidEmailData.cs
 - Kirkland_InValidEmailData.cs
 - Redmond_InValidEmailData.
 - Validated Valid Emails
 - Bellevue_ValidEmailData.csv
 - Kirkland_ValidEmailData.csv
 - Redmond_ValidEmailData.csv
 - NewPatientsAddDateEmailVali
 - Data Sources
 - SSIS Packages
 - NewPatientsVisitsAddDat

Server Explorer SSIS Toolbox Error List Output Find Symbol Results

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NewPatientsVisitsAddDateEmailValidatorETL - Microsoft Visual Studio

File Edit View Project Build Debug Team Format SSIS Tools Architecture Test Analyze Window Help

Develop... Any CPU Start SQL SQL

SSIS Toolbox

- HDFS File Destination
- HDFS File Source
- Lookup
- Merge
- Merge Join
- Multicast
- OData Source
- ODBC Destination
- ODBC Source
- OLE DB Command
- Row Count
- Script Component
- Slowly Changing Dimension
- Sort
- Union All
- Azure
- Other Transforms
- Other Sources
 - ADO NET Source
 - CDC Source
 - Excel Source
 - Flat File Source
 - OLE DB Source
 - Raw File Source
 - XML Source
- Other Destinations
 - ADO NET Destination
 - Data Mining Model Training
 - DataReader Destination
 - Dimension Processing
 - Excel Destination
 - Flat File Destination
 - OLE DB Destination
 - Partition Processing
 - Raw File Destination
 - Recordset Destination
 - SQL Server Compact Destin...
 - SQL Server Destination

NewPatientsVisitsAddDateEmailValidatorETL.dtsx [Design]*

Control Flow Data Flow Parameters Event Handlers Package Explorer Execution Results

Data Flow Task: Bellevue Flat File to OLTP DB Data Flow Task

Bellevue Patients Valid Emails CSV Flat File to Patients SQL Database (OLTP)

* Email Splits Keep Rows Complete to Preserve Patient Data.
(We originally split based on the column's position)

5. Click edit to Assign the Connection, then Click "Show Advanced editor".

Bellevue Patients Flat File Source

Bellevue Patients Data Flow Task

Patients OLE DB Destination

Properties (string length, datatype)

where we can change the string lengths.

Connection Managers

1&3.BellevueVisitsDerivedDTSsourceFlatConn	1&3.KirklandVisitsDerivedDTSsourceFlatConn	1&3.RedmondVisitsDerivedDTSsourceFlatConn
1.BellevueEmailToValidateSourceFlatConn	1.BellevueNPOriginEmailSourceFlatFileConn	1.KirklandNPOriginEmailSourceFlatFileConn
1.RedmondNPOriginEmailSourceFlatFileConn	2.BellevueParseFlatEmailDestConn	2.BellevueVisitsDerivedDTDestFlatConn
2.KirklandValidEmailFlatFileDestConn	2.KirklandVisitsDerivedDestFlatConn	2.RedmondNPValidEmailDestFlatConn
2.RedmondVisitsDerivedDTDestFlatConn	3.BellevueNewPatientsValidEmailSourceFlatFileConn	
3.KirklandNewPatientsValidEmailSourceFlatFileConn	3.RedmondNewPatientsValidEmailSourceFlatFileConn	ErrorLog.Log
localhost.DoctorsSchedules	localhost.DWCorporateReports	PatientsPatientsOLEDBConn
		SQLServerBackup

Output

Show output from: Debug

SSIS package "C:_BISolutions\Module08 The Final\Final\NewPatientsAddDateEmailValidatorSol\CSharpEmailVali
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The program '[10036] DtsDebugHost.exe: DTS' has exited with code 0 (0x0).

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- Solution 'NewPatientsVisitsAddDateEmailValidatorETL'
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 - DoctorsSchedules (OLTP)
 - DWCorporateReports (OLAP)
 - Patients (OLTP)
- Database BackUps
- Documentation
 - BI Solutions Worksheet
 - LessonsLearned.docx
 - TechnicalSupportOverview.do
- DWCorporateReportsDB (OLAP)
 - DWCorporateReports.bak
 - DWCorporateReports.mdf
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 - Bellevue_VisitsDTMerged.csv
 - Kirkland_VisitsDTMerged.csv
 - Redmond_VisitsDTMerged.csv
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 - Kirkland_ValidEmailData.csv
 - Redmond_ValidEmailData.csv
- NewPatientsAddDateEmailVali...
 - Data Sources
 - SSIS Packages
 - NewPatientsVisitsAddDateEmailValidatorETL

Server Explorer SSIS Toolbox Error List Output Find Symbol Results

Ready

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NewPatientsVisitsAddDateEmailValidatorETL - Microsoft Visual Studio

File Edit View Project Build Debug Team Format SSIS Tools Architecture Test Analyze Window Help

SSIS Toolbox

- HDFS File Destination
- HDFS File Source
- Lookup
- Merge
- Merge Join
- Multicast
- OData Source
- ODBC Destination
- ODBC Source
- OLE DB Command
- Row Count
- Script Component
- Slowly Changing Dimension
- Sort
- Union All
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- Other Transforms
- Other Sources
 - ADO NET Source
 - CDC Source
 - Excel Source
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 - OLE DB Source
 - Raw File Source
 - XML Source
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 - DataReader Destination
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 - OLE DB Destination
 - Partition Processing
 - Raw File Destination
 - Recordset Destination
 - SQL Server Compact Destin...
 - SQL Server Destination

NewPatientsVisitsAddDateEmailValidatorETL.dtsx [Design]*

Control Flow Data Flow

Data Flow Task: Bellevue Flat

Bellevue Patients

Bellevue Patients

Patients OLE DB

Connection Managers

- 183.BellevueVisitsDerivedDTSources
- 1.BellevueEmailToValidateSourceFlat
- 1.RedmondNPORginEmailSourceFlat
- 2.KirklandValidEmailFlatFileDestCon
- 2.RedmondVisitsDerivedDTDestFlatC
- 3.KirklandNewPatientsValidEmailSou
- localhost.DoctorsSchedules

Output

Show output from: Debug

SSIS package "C:_BISolution

SSIS package "C:_BISolution

The program '[10036] DtsDebugHost.exe: DTS' has exited with code 0 (0x0).

Advanced Editor for Bellevue Patients Flat File Source

The advanced editor provides access to the low-level properties of data flow components. Additionally, the advanced editor can be used to configure components that do not have a custom user interface.

Connection Managers Component Properties Column Mappings Input and Output Properties

Specify properties for the inputs and outputs of the data flow component.

6.Set Data Type and length for all fields.

Inputs and outputs:

- Flat File Source Output
 - External Columns
 - FirstName
 - LastName
 - Email
 - Address
 - City
 - State
 - ZipCode
 - Output Columns
 - FirstName
 - LastName
 - Email
 - Address
 - City
 - State
 - ZipCode
 - Flat File Source Error Output

Add Output Add Column Remove Output Remove Column Refresh

Common Properties

Description	
ID	62
IdentificationString	Bellevue Patients Flat File Source.O
MappedColumnID	0
Name	FirstName

Data Type Properties

CodePage	0
DataType	Unicode string [DT_WSTR]
Length	50
Precision	0
Scale	0

ID

OK Cancel Help

Server Explorer SSIS Toolbox Error List Output Find Symbol Results

Ready

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NewPatientsVisitsAddDateEmailValidatorETL - Microsoft Visual Studio

File Edit View Project Build Debug Team Format SSIS Tools Architecture Test Analyze Window Help

SSIS Toolbox

- HDFS File Destination
- HDFS File Source
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- Other Transforms
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 - CDC Source
 - Excel Source
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 - OLE DB Source
 - Raw File Source
 - XML Source
- Other Destinations
 - ADO NET Destination
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 - DataReader Destination
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 - SQL Server Destination

NewPatientsVisitsAddDateEmailValidatorETL.dtsx [Design]*

Control Flow Data Flow Parameters Event Handlers Package Explorer Execution Results

Data Flow Task: Bellevue Flat File

Bellevue Patients Flat File Source

Advanced Editor for Bellevue Patients Flat File Source

The advanced editor provides access to the low-level properties of data flow components. Additionally, the advanced editor can be used to configure components that do not have a custom user interface.

Connection Managers Component Properties Column Mappings Input and Output Properties

After input/output settings, always click on mappings.

Available ...

Name
FirstName
LastName
Email
Address
City
State

Mapped:

External Column	Output Column
FirstName	FirstName
LastName	LastName
Email	Email
Address	Address
City	City
State	State
ZipCode	ZipCode

Refresh OK Cancel Help

Output

Show output from: Debug

SSIS package "C:_BISolution\NewPatientsVisitsAddDateEmailValidatorETL.dtsx" The program '[10036] DtsDebug'

Server Explorer SSIS Toolbox Error List Output Find Symbol Results

SSIS Packages

NewPatientsVisitsAddDateEmailValidatorETL.dtsx

Tabu... Solut... Tea... Class... Notif...

Ready

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NewPatientsVisitsAddDateEmailValidatorETL - Microsoft Visual Studio

File Edit View Project Build Debug Team Format SSIS Tools Architecture Test Analyze Window Help

Develop... Any CPU Start SQL SQL

SSIS Toolbox

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 - SQL Server Destination

NewPatientsVisitsAddDateEmailValidatorETL.dtsx [Design]*

Control Flow Data Flow Parameters Event Handlers Package Explorer Execution Results

Data Flow Task: Bellevue Flat File to OLTP DB Data Flow Task

Bellevue Patients Valid Emails CSV Flat File to Patients SQL Database (OLTP)

* Email Splits Keep Rows Complete to Preserve Patient Data.
(We originally split based on the column's position)

Bellevue Patients Flat File Source

Bellevue Patients Data Conversion

Patients OLE DB Destination

Input/Output Conversions (string length, datatype)

*Note: Data Conversion is where we can change the string lengths.

100%

Connection Managers

183.BellevueVisitsDerivedDTSFlatConn	183.BellevueVisitsDerivedDTSFlatConn
1.BellevueEmailToValidateSourceFlatConn	1.BellevueEmailToValidateSourceFlatConn
1.RedmondNPOrginEmailSourceFlatFileConn	2.BellevueEmailToValidateSourceFlatConn
2.KirklandValidEmailFlatFileDestConn	2.KirklandValidEmailFlatFileDestConn
2.RedmondVisitsDerivedDTDestFlatConn	3.BellevueNewPatientsValidEmailSourceFlatFileConn
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localhost.DoctorsSchedules	localhost.DWCorporateReports
localhost.DoctorsSchedules	PatientsPatientsOLEDBConn
localhost.DWCorporateReports	SQLServerBackup

Output

Show output from: Debug

SSIS package "C:_BISolutions\Module08 The Final\Final\NewPatientsAddDateEmailValidatorSol\CSharpEmailValid...
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 - Redmond_ValidEmailData.csv
- NewPatientsAddDateEmailValidatorETL
 - Data Sources
 - SSIS Packages
 - NewPatientsVisitsAddDateEmailValidatorETL

Server Explorer SSIS Toolbox Error List Output Find Symbol Results

Ready

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Setting up the Data Conversion

NewPatientsVisitsAddDateEmailValidatorETL - Microsoft Visual Studio

File Edit View Project Build Debug Team Format SSIS Tools Architecture Test Analyze Window Help

SSIS Toolbox

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 - XML Source
- Other Destinations
 - ADO NET Destination
 - Data Mining Model Training
 - DataReader Destination
 - Dimension Processing
 - Excel Destination
 - Flat File Destination
 - OLE DB Destination
 - Partition Processing
 - Raw File Destination
 - Recordset Destination
 - SQL Server Compact Destin...
 - SQL Server Destination

Advanced Editor for Bellevue Patients Data Conversion

The advanced editor provides access to the low-level properties of data flow components. Additionally, the advanced editor can be used to configure components that do not have a custom user interface.

Component Properties Input Columns Input and Output Properties

Specify properties for the inputs and outputs of the data flow component.

Note: Our inputs cannot be changed, but our output can.

Inputs and outputs:

- Data Conversion Input
 - Input Columns
 - FirstName
 - LastName
 - Email
 - Address
 - City
 - State
 - ZipCode
 - Data Conversion Output
 - Output Columns
 - FirstName
 - LastName
 - Email
 - Address
 - City
 - State
 - ZipCode
 - Data Conversion Error Output

Common Properties

CodePage	0
ComparisonFlags	
DataType	DT_WSTR
Description	
ErrorOrTruncationOperation	
ErrorRowDisposition	RD_NotUsed
ID	10
IdentificationString	Bellevue Patients Data Conversion.I
IsAssociatedWithOutputColumn	True
Length	50
LineageID	59
LineageIdentificationString	Bellevue Patients Flat File Source.O
MappedColumnID	0
Name	ZipCode
Precision	0
Scale	0
SortKeyPosition	0
TruncationRowDisposition	RD_NotUsed
UpstreamComponentName	Bellevue Patients Flat File Source
UsageType	UT_READONLY

Add Output Add Column

Remove Output Remove Column

Refresh OK Cancel Help

The program '[10036] DtsDebugHost.exe: DTS' has exited with code 0 (0x0).

Server Explorer SSIS Toolbox Error List Output Find Symbol Results

Ready

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7. Set up an SQL Server DB Connection, then use Edit to attach the OLEDB SQL Server Database Connection.

The screenshot displays the Microsoft Visual Studio interface for an SSIS (SQL Server Integration Services) project named 'NewPatientsVisitsAddDateEmailValidatorETL'. The main window shows the 'Data Flow' tab for a task titled 'Bellevue Patients Valid Emails CSV Flat File to Patients SQL Database (OLTP)'. The data flow is as follows:

- Source:** Bellevue Patients Flat File Source
- Transformation:** Bellevue Patients Data Conversion
- Destination:** Patients OLE DB Destination

A context menu is open over the 'Patients OLE DB Destination' task, with the option 'Show Advanced Editor...' highlighted. A red arrow points to this option with the text: "8. Click 'Show Advanced Editor'." Another red arrow points to the 'Patients OLE DB Destination' task with the text: "7. Right Click Here to Set Up a New OLEDB Connection." The Solution Explorer on the right shows the project structure, including 'Data Sources', 'SSIS Packages', and 'NewPatientsVisitsAddDateEmailValidator.dtsx'. The Output window at the bottom shows the execution results of the SSIS package.

NewPatientsVisitsAddDateEmailValidatorETL - Microsoft Visual Studio

File Edit View Project Build Debug Team Format SSIS Tools Architecture Test Analyze Window Help

SSIS Toolbox

- HDFS File Destination
- HDFS File Source
- Lookup
- Merge
- Merge Join
- Multicast
- OData Source
- ODBC Destination
- ODBC Source
- OLE DB Command
- Row Count
- Script Component
- Slowly Changing Dimension
- Sort
- Union All

Azure

Other Transforms

Other Sources

- ADO NET Source
- CDC Source
- Excel Source
- Flat File Source
- OLE DB Source
- Raw File Source
- XML Source

Other Destinations

- ADO NET Destination
- Data Mining Model Training
- DataReader Destination
- Dimension Processing
- Excel Destination
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- OLE DB Destination
- Partition Processing
- Raw File Destination
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- SQL Server Compact Destin...
- SQL Server Destination

Information...

Server Explorer SSIS Toolbox Error List Output Find Symbol Results

Advanced Editor for Patients OLE DB Destination

The advanced editor provides access to the low-level properties of data flow components. Additionally, the advanced editor can be used to configure components that do not have a custom user interface.

Mapping the Columns

Connection Managers Component Properties Column Mappings Input and Output Properties

Available Input Columns

- Name
- Bellevue Patients Flat File Source.ZipCode
- Bellevue Patients Data Conversion.FirstName
- Bellevue Patients Data Conversion.LastName
- Bellevue Patients Data Conversion.Email
- Bellevue Patients Data Conversion.Address
- Bellevue Patients Data Conversion.City
- Bellevue Patients Data Conversion.State
- Bellevue Patients Data Conversion.ZipCode

Available Destination...

- Name
- FName
- LName
- Email
- City
- State
- ZipCode
- ID
- Address

Input Column	Destination Column
Bellevue Patients Data Conversion.FirstName	FName
Bellevue Patients Data Conversion.LastName	LName
Bellevue Patients Data Conversion.Email	Email
Bellevue Patients Data Conversion.City	City
Bellevue Patients Data Conversion.State	State
Bellevue Patients Data Conversion.ZipCode	ZipCode
<ignore>	ID
Bellevue Patients Data Conversion.Address	Address

Refresh OK Cancel Help

SSIS Packages

- NewPatientsVisitsAddDateEmailValidatorETL

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NewPatientsVisitsAddDateEmailValidatorETL - Microsoft Visual Studio

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- Union All

Azure

Other Transforms

Other Sources

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- Excel Source
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- OLE DB Source
- Raw File Source
- XML Source

Other Destinations

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- DataReader Destination
- Dimension Processing
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- OLE DB Destination
- Partition Processing
- Raw File Destination
- Recordset Destination
- SQL Server Compact Destin...
- SQL Server Destination

Information...

Server Explorer

SSIS Toolbox

Error List

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Advanced Editor for Patients OLE DB Destination

The advanced editor provides access to the low-level properties of data flow components. Additionally, the advanced editor can be used to configure components that do not have a custom user interface.

Connection Managers

Component Properties

Column Mappings

Input and Output Properties

Specify properties for the inputs and outputs of the data flow component.

Note: All External Strings are DT_STR Data Type.

Inputs and outputs:

- OLE DB Destination Input
 - External Columns
 - FName
 - LName
 - Email
 - City
 - State
 - ZipCode
 - ID
 - Address
 - Input Columns
 - FirstName
 - LastName
 - Email
 - City
 - State
 - ZipCode
 - Address
- OLE DB Destination Error Output

Common Properties

Description	
ID	100
IdentificationString	Patients OLE DB Destination.Inputs
MappedColumnID	0
Name	Address

Data Type Properties

CodePage	1252
Data Type	string [DT_STR]
Length	97
Precision	0
Scale	0

Buttons: Add Output, Add Column, Remove Output, Remove Column, Refresh, OK, Cancel, Help

SSIS Packages

- NewPatientsVisitsAddDate...

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