

CONNX Quick Reference Card

Using Microsoft SQL Server 2008 SSIS Packages to access CONNX data sources

Use the Microsoft SQL Server 2008 Integration Services to gain access to data referenced in a CONNX Data Dictionary (CDD) and move it to a SQL Server 2008 database.

1. For this to work, you will need to have turned on "Quoted delimiters" within the CDD. SQL Server & SSIS do not support SQL without quoted delimiters.

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- 2. Open SQL Server Business Intelligence Development Studio. Create a new project and select "Integration Services Project".
- 3. Add a data flow task to the Control flow tab by selecting the Data Flow Task from the toolbox and dragging it into the Control Flow Window

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There are no usable controls in this		Identification
roup. Drag an item onto this text to		Description Data Flow Task
add it to the toolbox.		Name Data flow Task
		E Hist
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		Name
	Rogen-crick here to add a new connection manager to the SSUS package.	Specifies the name of the object.

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4. Double click on the Data Flow task and that will take you to the data flow task tab. You will need to add a Data Flow Source to the data flow task. Select the OLEDB source from the toolbox and drag it over to the Data Flow window.

CLE DB Source Edite	r	
Configure the propertie	s used by a data flow to obtain data from any OLE DB provider.	
Connection Manager Columns Error Output	Specify an OLE DB connection manager, a data source, or a data source view, and se access mode. If using the SQL command access mode, specify the SQL command eith the query or by using Query Builder.	er by typing
	OLE DB gonnection manager:	
	×	<u>N</u> ew
	Data access mode:	
	Table or view	
	Name of the table or the view:	
	Y	
	Pregew	
A Select a connection	n manager from the list of connection managers.	
	OK Cancel	Help

5. Right Click on the OLEDB Source box and select "edit". This will take you into the connection manager for the OLEDB source.

L Connection Mar	nager
Pr <u>o</u> vider: Native	OLE DB\CONNX OLE DB Provider
Connection	DLE DB Provider: CONNX OLE DB Provider Enter a server or file name Server or file name: Location:
	Log on to the server C Use Windows NT Integrated Security G Use specific user name and password: User name: connx75 Password:
	Blank password Allow gaving password pibal catalog:
Test Connection	OK Cancel Help

- 7. If the CDD has had catalog support enabled you can select the catalog to connect to in the "initial catalog" drop down box. This step is not required.
 - a. Select "OK". This takes you back to OLEDB connection manager window and you can select the data connection you just created. Highlight that connection and select "OK". This will take you back to the OLEDB source Editor.

6. Select the New button. Change the Provider to the CONNXOLEDB Provider. Input the path and name of the Data Dictionary you wish to use in the "server or file name" box. Input the username and password for the CDD. Be sure to select the "allow saving password" checkbox.

Configure OLE DB Connection Ma To create a connection manager based data connection, and then click OK. To	ager
Data connections:	Data connection properties:
<u>c:\connx32\utils\msonly.cdd.connx75</u>	Property Value Data Source c:\connx32\utils\msonl Persist Securi True Provider CONNXOLEDB.1 User ID connx75
	New Delete
	OK Cancel

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10. Click on the OLEDB source box and grab the green arrow and drag it to the SQL Server destination box

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 Right click on the SQL Server Destination and go through the same steps to create a SQL Server connection

501 Destination Ed	itor	
Configure the properti	ies used to bulk copy data into a local instance of the Database Engine.	
Connection Manager Mappings	Specify a connection manager, data source, or data source view, and select the table or the view into which the data is conied. Click New to create a new table or view.	
Auvanceu	Connection manager:	
	CJENSEN/CJENSEN2008R2.Rich_destination	
	Use a table or view:	
	Breview	
A Select a table or y	view from the list	

Connection I Provider: Na	tanager X
Connection	Server name: CLENSEN/CLENSEN2008R2 Refresh Log on to the server Use Windows Authentication Use SQL Server Authentication User Authentication Use SQL Server Authentication User name: Password: Server my password Connect to a database Select or enter a gatabase name: Mich_destination Attadp a database file: Browsey
Test Connec	Browse Logical name: tion OK Cancel Help

- 12. Select "OK" then when you get back to the Connection Manager be sure you have the new SQL Server Connection highlighted and select "OK" again. This will bring you back to the SQL Destination Editor.
- 13. Here you have the choice of mapping the data from the OLEDB Source (CONNX) to either an existing table in the SQL Server destination, or you can have the package create a new table in the SQL Server database. For this I am going to create a new table.
- 14. Select the "Mappings from the upper left corner. This will show you how the source is being mapped to the destination. Select "OK".

🔜 Create Table		🔛 Create Table	
CREATE TABLE [SQL Server Destination] ([customerid] varchar(5), [customerande] varchar(31), [customeradices] varchar(22), [customercity] varchar(14), [customerzip] varchar(10), [customerzip] varchar(8), [customercountry] varchar(7), [customerphone] varchar(14))	A	CREATE TABLE [test_CONNX] ([customerid] varchar(5), [customername] varchar(31), [customeraddress] varchar(22), [customeriz] varchar(14), [customerstate] varchar(10), [customercountry] varchar(7), [customerphone] varchar(7), [customerphone] varchar(14))	X
ОК	Cancel		OK Cancel

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