

Create a Linked Service for SQL Server:


Edit linked service

 SQL server [Learn more](#)


Name *

SqlServer_Is

Description

Connect via integration runtime * 

 myselfHostedIR-468 

 The credentials are stored in the machines of self-hosted integration runtime if you don't choose to store them in Azure Key Vault.

Connection string

Azure Key Vault

Server name *

RAJA\SQLEXPRESS

Database name *

sqlLearning

Authentication type


SQL authentication

User name *

azurelib12

Apply

Cancel

 Test connection

Creating Dataset using Linked service for source location:

 forEach2tables •  SqlServer_generic_Ds ×



SQL server

SqlServer_generic_Ds

Connection Schema Parameters

Linked service *   Test connection  Edit + New [Learn more](#)




Integration runtime *   myselfHostedIR-468  Edit

Table .   Preview data
  Edit

Creating Dataset for Target location:

forEach2tables • SqlServer_generic_Ds adls_csv_gen ×

DelimitedText
adls_csv_gen

CSV

Connection Schema Parameters

Linked service *

ADLS_LS

Test connection Edit + New Learn more

File path *

@dataset().containerName / @dataset().folderName

File name

Browse

Compression type

Select...

Column delimiter

Comma (,)

Row delimiter

Default (\r\n, or \n)

Using ForEach activity to iterate all Tables:

Your insights matter! Participate in our [brief survey](#) about our CDC top-level resource, and help us enhance your experience.

Data Factory Publish all

forEach2tables

Validate Debug Add trigger

ForEach

ForEach1

Activities

Copy data

General Settings Activities (1) User properties

Sequential

Items

@createArray('raw_credits', 'raw_titles')

Pipeline expression builder

Add dynamic content below using any combination of [expressions](#), [functions](#) and [system variables](#).

@createArray('raw_credits', 'raw_titles')

Clear contents

Activity outputs Parameters System variables Functions Variables

Search

Copy data

Copy data activity output

Copy data

Copy data pipeline return value

OK Cancel

Providing Dataset service at Source level in Copy Activity:

The screenshot shows the 'Source' tab of a 'Copy data' activity in the Azure Data Factory portal. The activity is named 'Copy data' and is part of a pipeline named 'forEach2tables'. The 'Source dataset' is set to 'SqlServer_generic_Ds'. Under 'Dataset properties', the 'tableName' is set to '@item()'. The 'Use query' section has 'Table' selected. The 'Query timeout (minutes)' is set to 120, and the 'Isolation level' is set to 'Select...'. On the right, the 'Pipeline expression builder' shows '@item()' as the dynamic content. Below it, the 'ForEach iterator' section shows 'ForEach1' as the current item. The 'OK' button is highlighted.

Providing Dataset service at Sink level in Copy activity:

The screenshot shows the 'Sink' tab of a 'Copy data' activity in the Azure Data Factory portal. The activity is named 'Copy data' and is part of a pipeline named 'forEach2tables'. The 'Sink dataset' is set to 'adls_csv_gen'. Under 'Dataset properties', the 'containerName' is set to 'landing' and the 'folderName' is set to 'input'. The 'OK' button is highlighted.