

Name of Solution:

PowerCenter: Lookup override to get Count

Business Requirement:

Find count of orders for a customer using a Lookup transformation by using lookup override.

Solution URL:

<https://community.informatica.com/solutions/1903>

Supported Versions:

PowerCenter 9.1 and 9.5

Description:

The Lookup transformation is normally used to query the lookup source based on the lookup ports in the transformation and a lookup condition. The Lookup transformation returns the result of the lookup. In this app, the lookup is used to return the number of occurrences of key value in the lookup source by using lookup override.

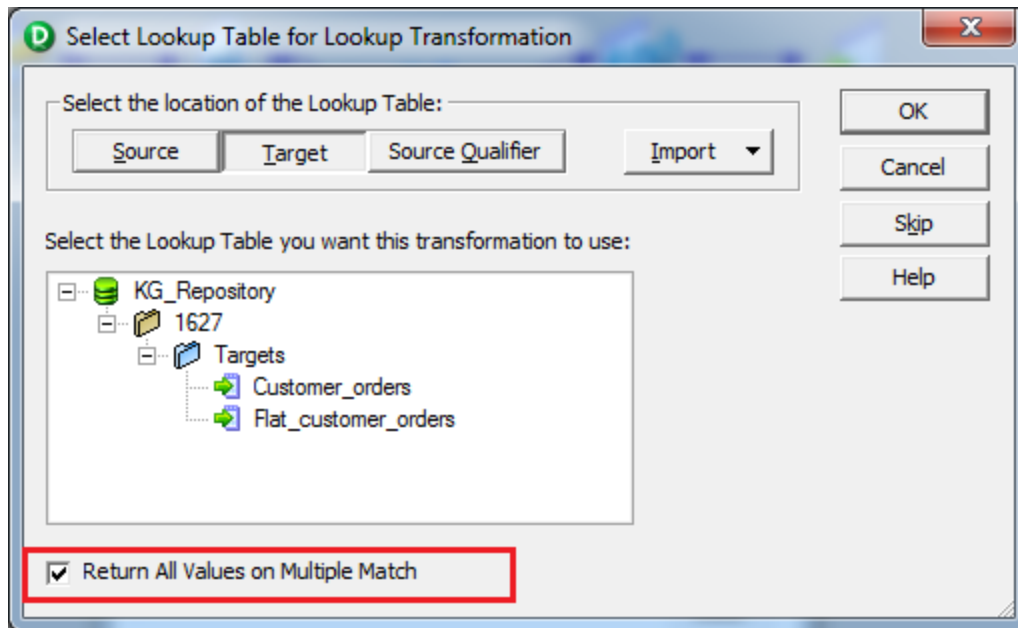
Consider the input from a flat file which contains list of unique customer records. There is a relational table which contains list of orders for each customer. The target flat file has to be populated with the customer ID and order count.

Download file contents:

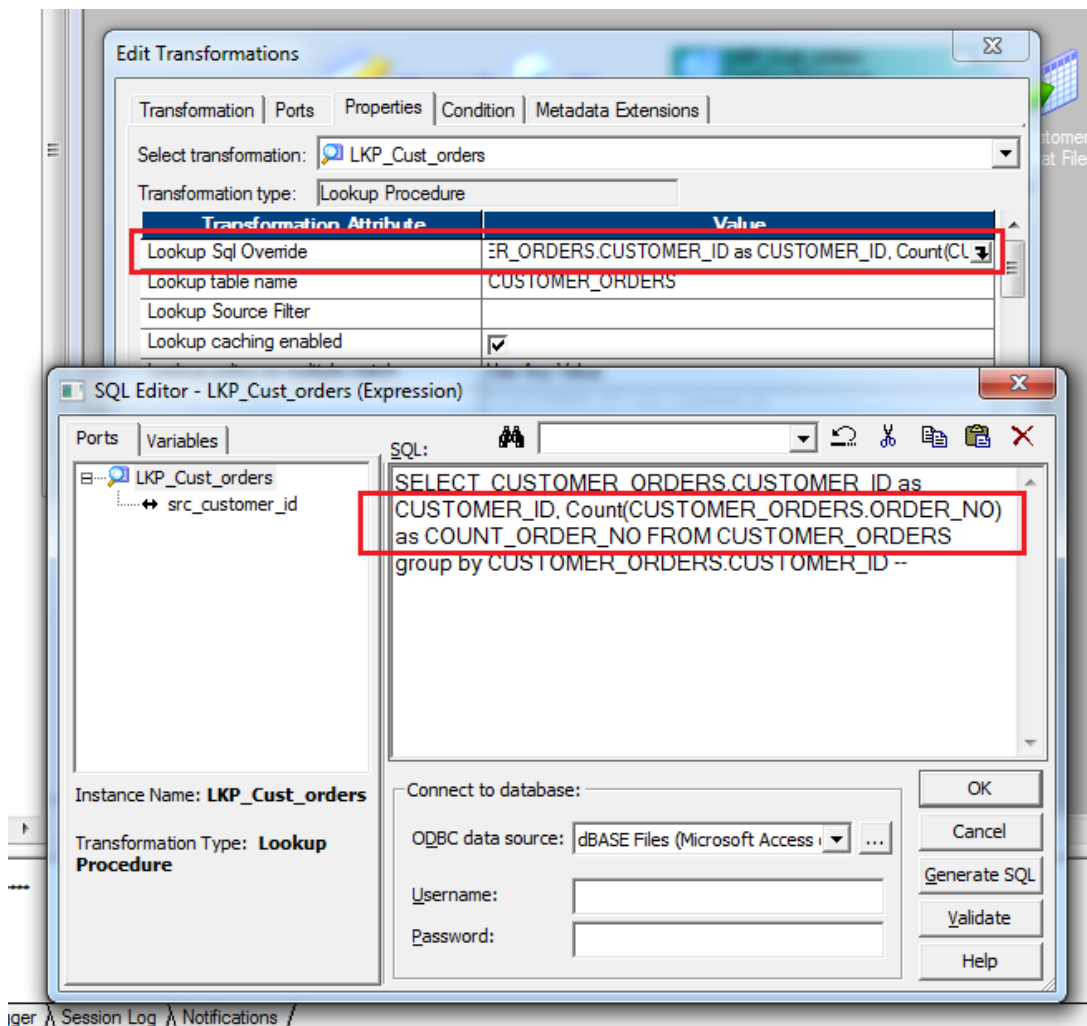
1. Workflow
2. Source File
3. Script to create Lookup Table

Steps to implement the solution:

1. Place the source files into \$PMSourceFileDir folder. Execute the script into database to create lookup table.
2. Import workflow using Repository Manager. Select the appropriate folder from repository and resolve the conflicts by choosing suitable option.
3. Open mapping in PowerCenter Designer, observe the lookup transformation. It returns the multiple values. This can be achieved during the creation of lookup transformation as show in following screen shot.



Also, Lookup has been override using SQL Statement as shown below.



4. Open the workflow in Workflow Manager Assign the integration service in Workflow -> Edit -> Integration Service
5. Edit session and assign valid connection object for the source and target.
6. For more details for importing object please visit our [YouTube](#) link.
7. Execute the workflow and observe the target files. First session loads the data into lookup table and Second session creates the target flat file.

YouTube Video on Importing and Configuring Workflows:

<http://www.youtube.com/playlist?list=PLLRreK2jjjgWBQ4NPfp0QWTxYDvInEqSJ>

Other Useful links:

[Mapping Bundles](#)

[Workflow Bundles](#)

[Informatica Tools Bundles](#)

[Informatica for Social Media Bundles](#)

[Debugging Tools Bundles](#)

[Visio Templates Bundles](#)

[B2B Templates and Projects Bundles](#)

[Data Quality Packs and Plans Bundles](#)

[Script Bundles](#)