

Name of Solution:

Mapping: Reusable Transformations

Business Requirement:

This mapping demonstrate reusability feature in Informatica PowerCenter.

Solution URL:

<https://community.informatica.com/solutions/1611>

Supported Versions:

PowerCenter 9.1 and 9.5

Description:

In a data integration project there are many processes which may share common data transformation requirements. Deployment of reusable transformation objects in these cases avoids duplication of metadata, reduces the development time and provides centralized change control.

Once an object is defined as reusable, it can be called in any mapping or mapplet.

Several types of transformations such as lookups, aggregators, expressions, routers, and sequences can be defined as reusable objects. This mapping template illustrates the use of an Expression transformation as a reusable object.

Guidelines:

In this example a common standard is adopted for processing addresses. Logic for every element of the address is coded in the expression EXP_ADDRESS. The expression is generic enough to accommodate up to four address lines, city, state, country, county, postal code and email. This expression is shared as a reusable object and can be used across multiple mappings that would process address information e.g. Mappings that load the customer dimension and the employee dimension respectively.

Download file contents:

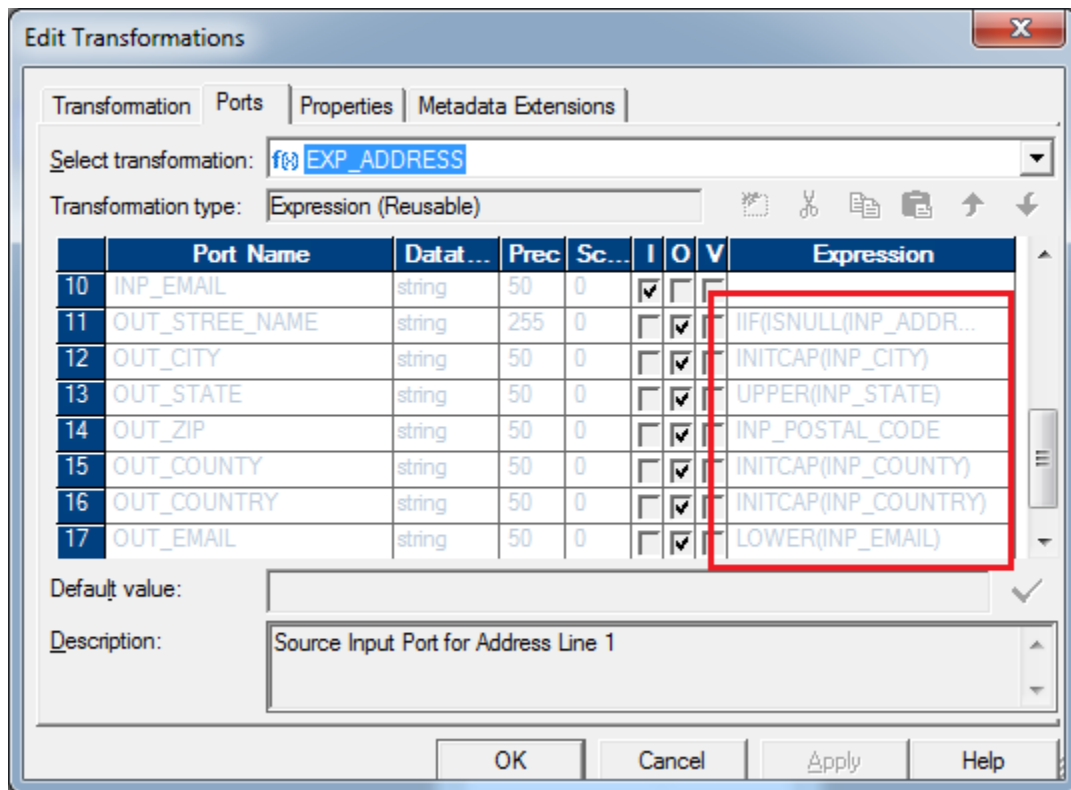
1. Workflow
2. Script

Steps to implement the solution:

1. Execute "CreateTable.txt" into database. It will create source, target tables and test data.
2. Import workflow using Repository Manager. Select the appropriate folder from repository and resolve the conflicts by choosing suitable option.

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3. Observe the re-usable expression in PowerCenter Designer.



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.

YouTube Video on Importing and Configuring Workflows:

<http://www.youtube.com/playlist?list=PLLReK2jjigWBQ4NPfp0QWTxYDvlnEqS1>

Other Useful links:

- [Bundle : Useful PowerCenter Script files](#)
- [Bundle : Advanced Workflow Techniques](#)
- [Bundle : PowerCenter Mapping Templates](#)
- [Bundle : Informatica Debugging Tools](#)
- [Bundle : Informatica Productivity Tools](#)

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