

Name of Solution:

Mapping: Dynamic Table Filter via Parameter

Business Requirement:

A mapping implementation to create a dynamic filter for a relational table in the source qualifier using mapping parameters.

Solution URL:

<https://community.informatica.com/solutions/3159>

Supported Versions:

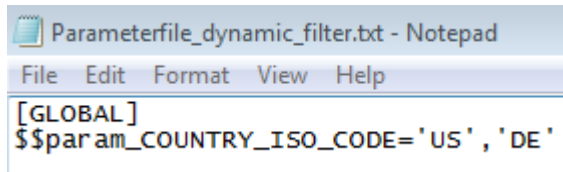
PowerCenter 9.1 and above

Description:

We can apply filter conditions on the relational source by using the source qualifier. Many a times it may be required to change these filters frequently. Consider a situation where we need to select only a few records during certain runs and all the data from the source during other runs. In such scenario, instead of changing the filter condition every time in the Source Qualifier, it is better to control the filters using parameters.

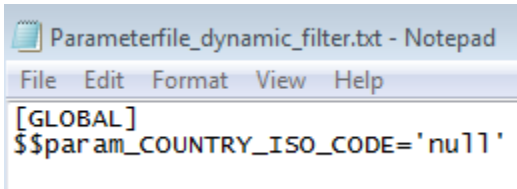
Create a parameter file and specify the filter condition.

To select the data belonging to a country code 'US' and 'DE' the parameter value will be as below



```
Parameterfile_dynamic_filter.txt - Notepad
File Edit Format View Help
[GLOBAL]
$$param_COUNTRY_ISO_CODE='US', 'DE'
```

To select all the data the parameter value will be as below



```
Parameterfile_dynamic_filter.txt - Notepad
File Edit Format View Help
[GLOBAL]
$$param_COUNTRY_ISO_CODE='null'
```

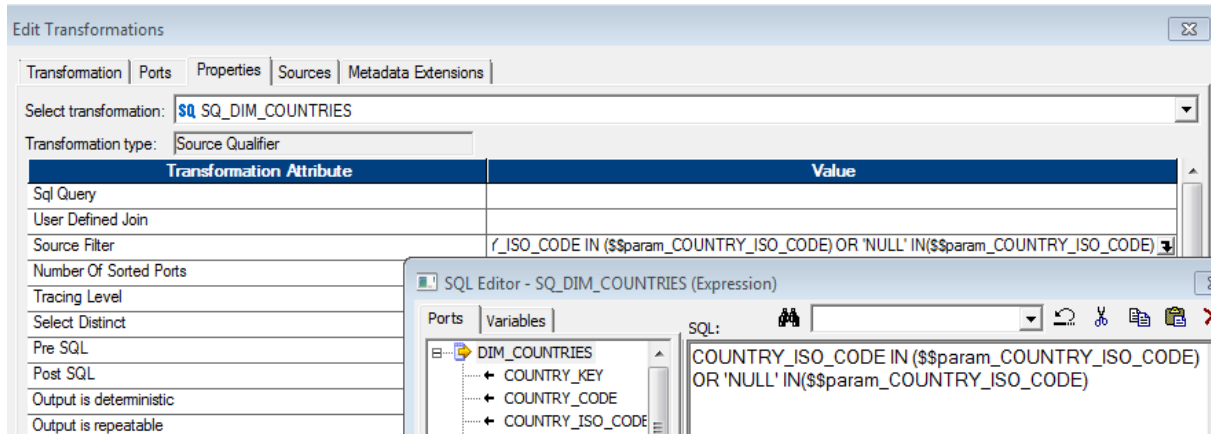
Download file contents:

1. Workflow
2. Parameter File
3. Script

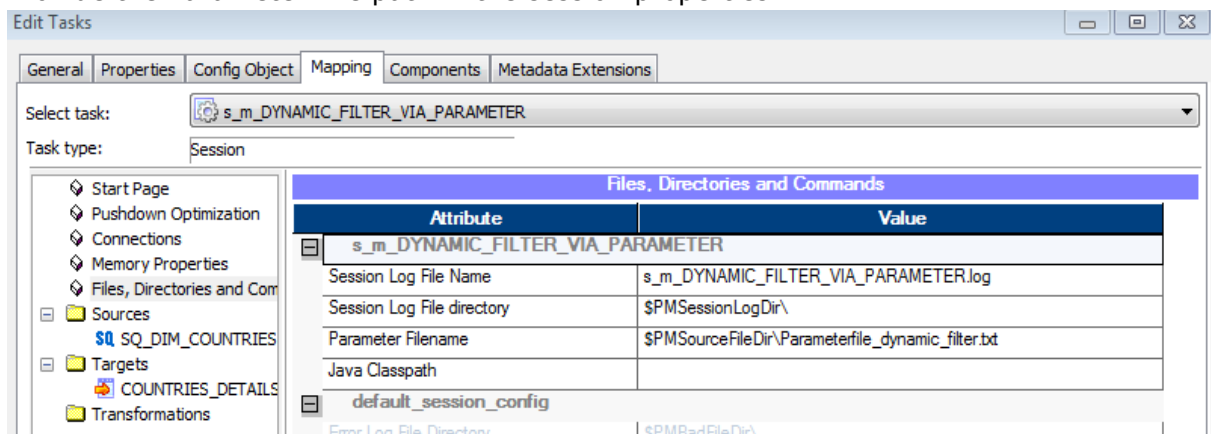
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Steps to implement the solution:

1. Place Parameter File in \$PMSourceFileDir folder. Execute the script to create the Source and Target tables.
2. Import workflow using the Repository Manager. Select the appropriate folder from the repository and resolve the conflicts by choosing suitable option.
3. In the PowerCenter Designer, Observe the Source Qualifier



4. Provide the Parameter File path in the session properties.



5. Open the workflow in Workflow Manager. Assign the integration service in Workflow -> Edit -> Integration Service.
6. Edit session and assign valid connection object for the source and target.
7. For more details of importing object, please visit our [YouTube](#) link.
8. Execute the workflow and observe the target table. Only the records which satisfy the filter condition are loaded into the target table.

YouTube Video on Importing and Configuring Workflows:

<http://www.youtube.com/playlist?list=PLLrreK2jjgWBO4NPfp0QWTxYDvInEqSJ>

Other Useful links:

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