



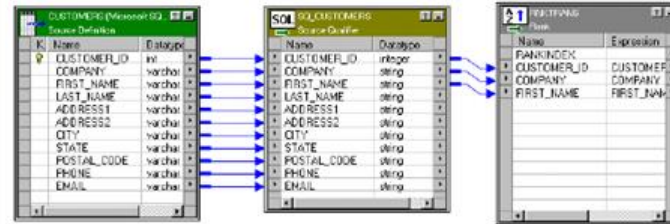
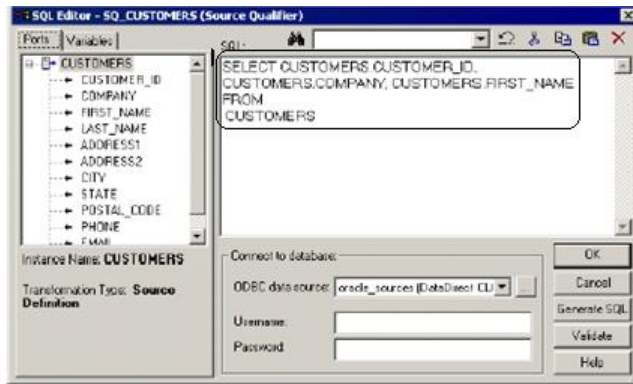
# Source Qualifier Transformation

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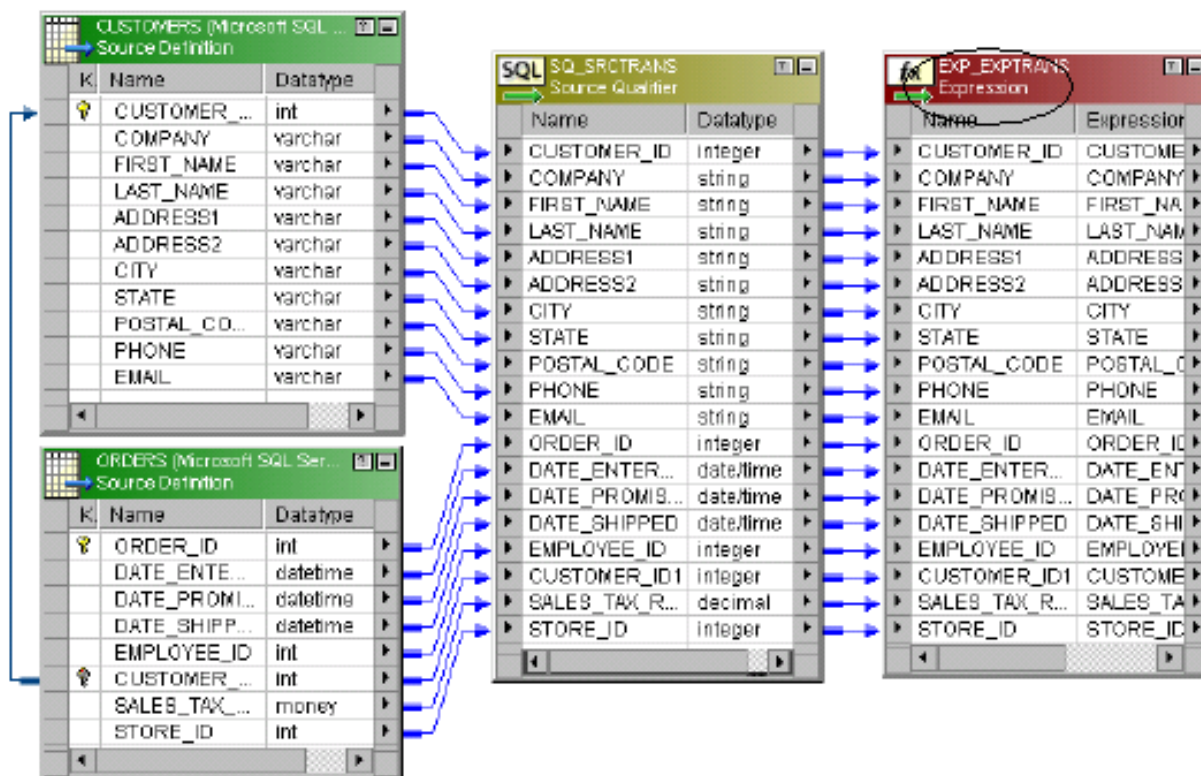
- Source Qualifier includes the following tasks:
  - Joining data from the same source objects
  - Filter records
  - Specify an outer join rather than the default inner join
  - Specify sorted ports
  - Select only distinct values from the source
  - Create a custom query to issue a special SELECT statement for the Integration Service to read source data
  - Parameter Variables can be used in the SQ.
- For relational sources, the Integration Service generates a query for each SQ when it runs a session
- The default query is a SELECT statement for each source column used in the mapping
- The Integration Service reads only those columns in SQ that are connected to another transformation
- The Target Load Order can also be specified

# Source Qualifier (Contd.).

- Use SQ Override to Select the Required Ports from the Source
- SQ Override contains Parameter Variables like \$\$\$Sessstarttime, \$\$IPAddress
- The Generate SQL tab would generate the default SQL query which can be changed

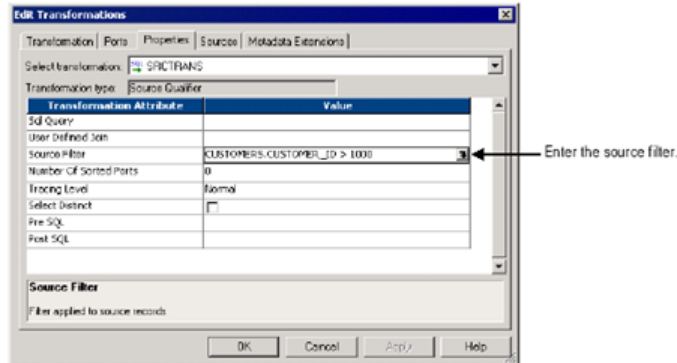
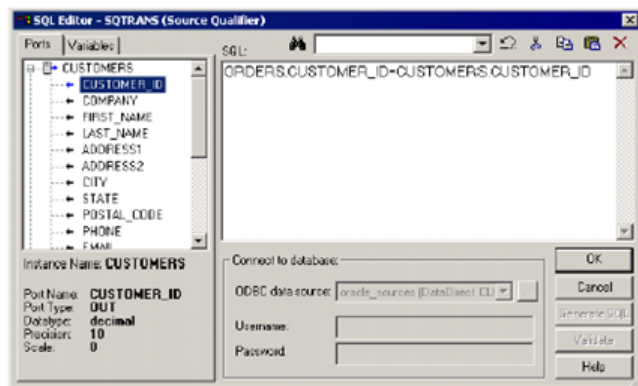


# Source Qualifier (Contd.).



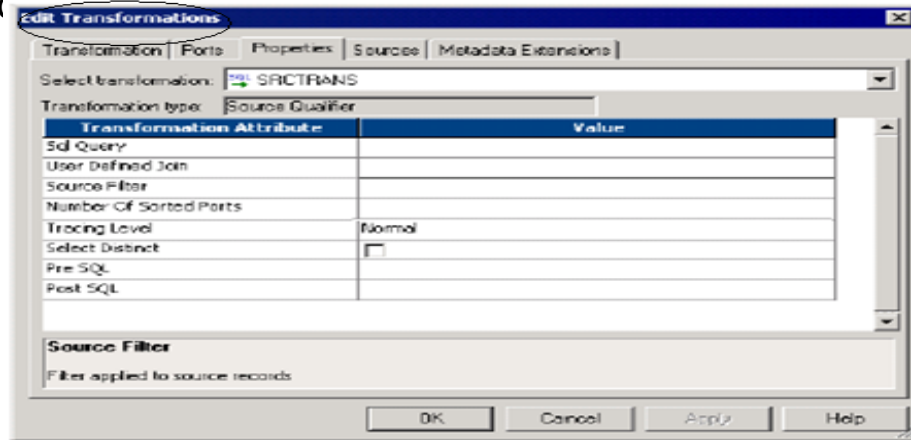
# Source Qualifier (Contd.).

- SQ can be used as a filter which will remove the unwanted records at the source itself, thus reducing the cache time
- We can define a user-defined join condition also.



# Source Qualifier Transformation

- SQ can be used to sort ports if it is being succeeded by an Aggregator
- Select Distinct Check Box when checked performs a Distinct Select on the Input Data
- Pre SQL can be used to run a pre Caching command, either a Delete Target or Join two source systems. Similarly Post SQL command can also





Thank You