



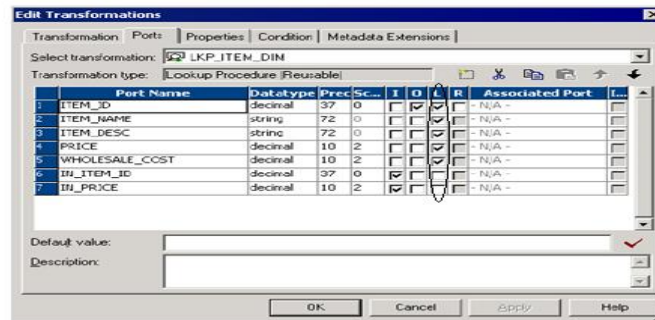
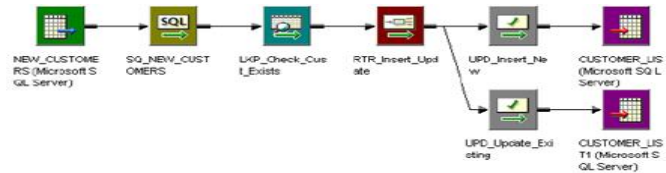
Lookup Transformation

Lookup Transformation

- Used to look up data in a relational table, view, synonym or flat file
- The Integration Service queries the lookup table based on the lookup ports in the transformation
- It compares Lookup transformation port values to lookup table column values based on the lookup condition
- Can use the Lookup transformation to perform many tasks, including:
 - Get a related value
 - Perform a calculation
 - Update slowly changing dimension tables
- Types Of Lookup's
 - Connected
 - Unconnected

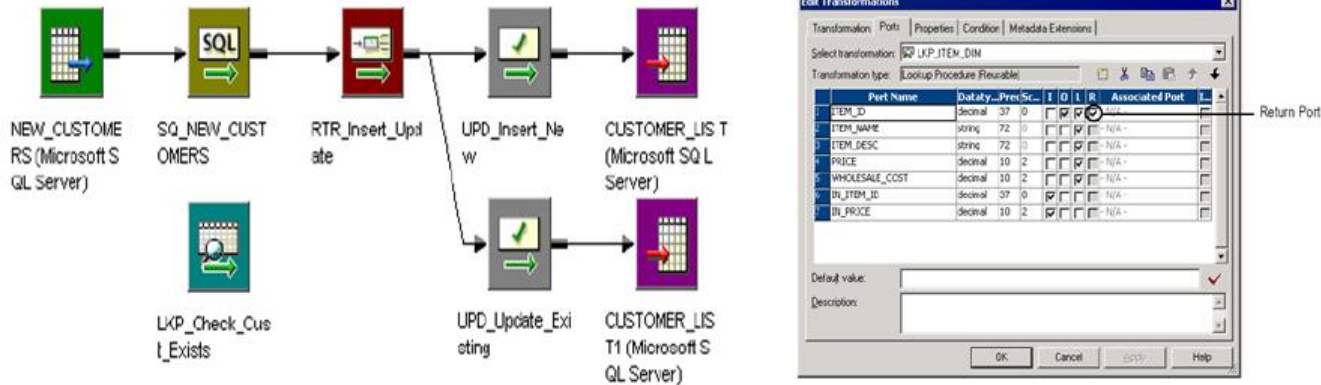
Connected Lookup

- Receives input values directly from another transformation in the pipeline
- For each input row, the Integration Service queries the lookup table or cache based on the lookup ports and the condition in the transformation
- Passes return values from the query to the next transformation



Unconnected Lookup

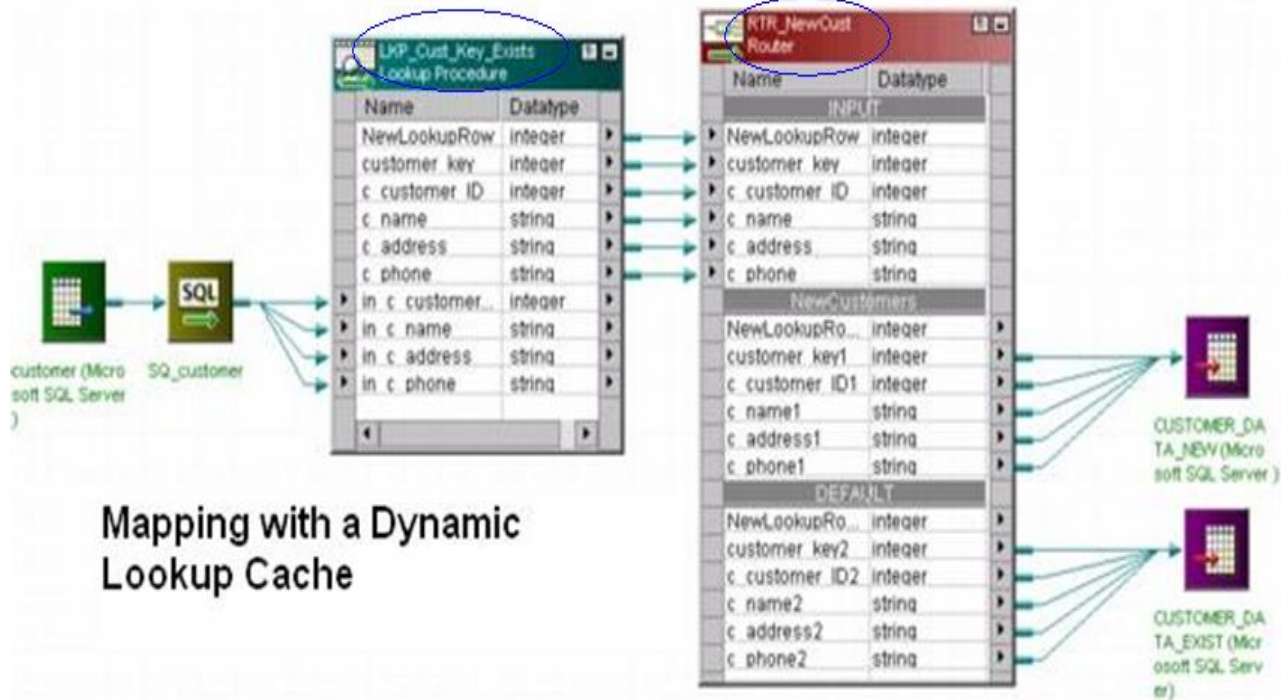
- :LKP reference is used to receives input values from an expression
- Only one output port allowed
- The value is returned using RETURN port



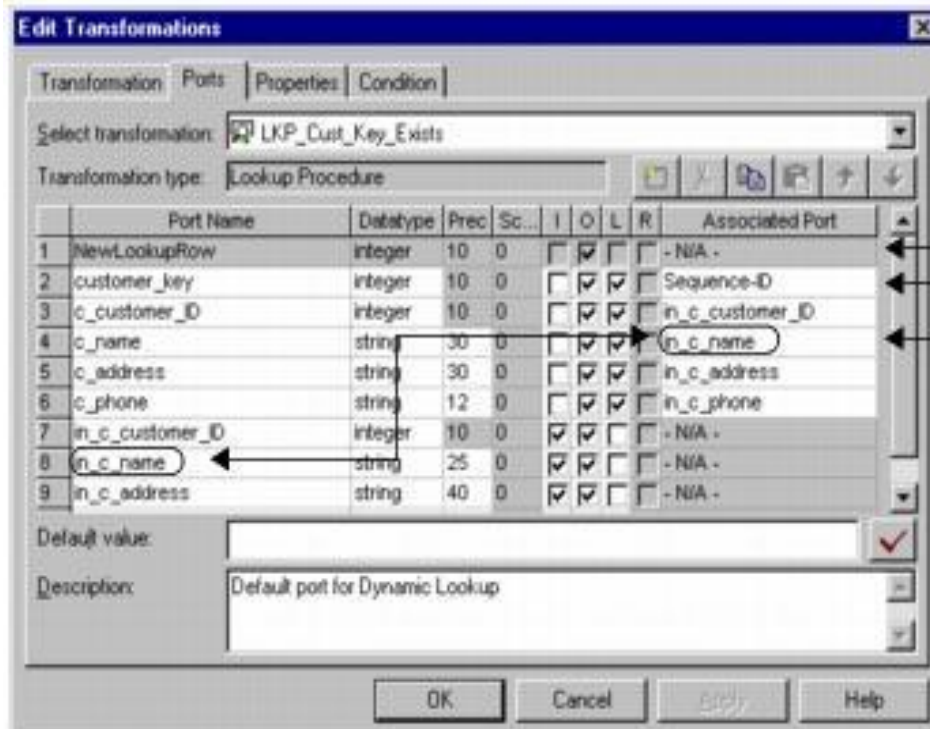
Lookup Caching

- Two types of Lookup caching : static or dynamic
- The lookup cache is by default Static
- Lookup cache can be configured as :
 - Persistent
 - ReCache from Source
 - Static
 - Dynamic
 - Shared

Dynamic Lookup Transformation



Dynamic Lookup Transformation



Dynamic
Lookup
Transformation
Port Tab



Thank You