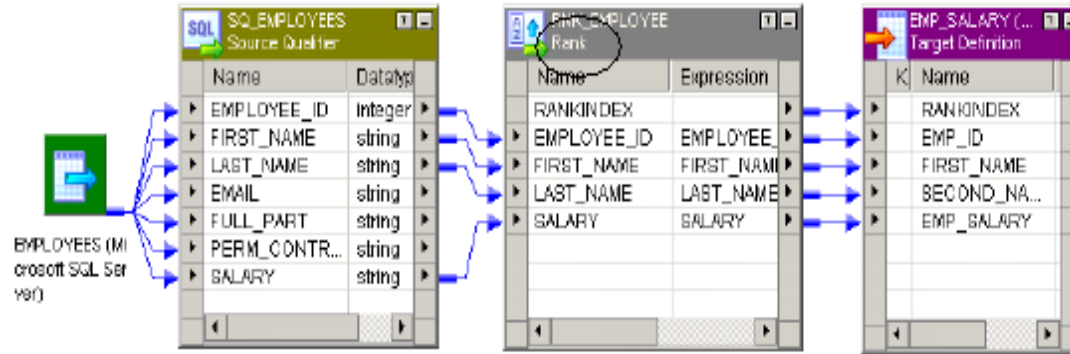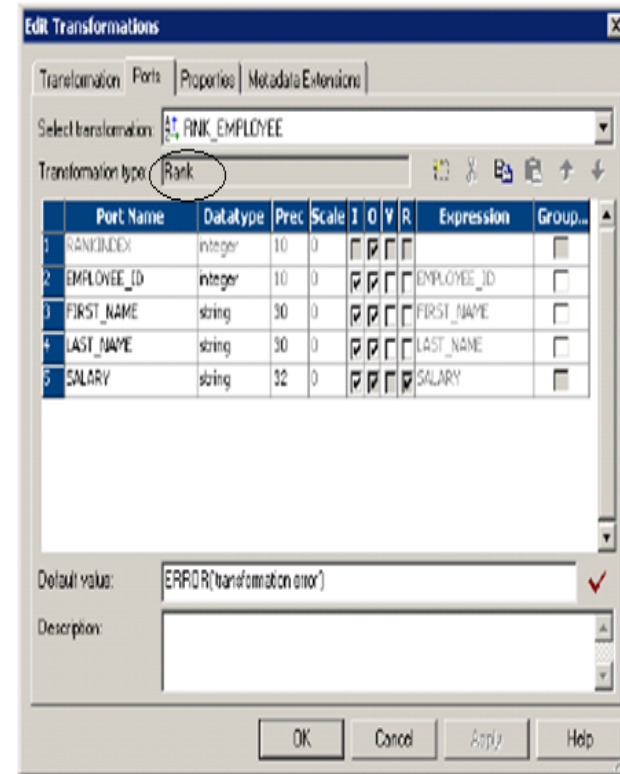# Rank Transformation

Rank Transformation

- Allows to select only the top or bottom rank of data, not just one value
- Can use it to return
  - the largest or smallest numeric value in a port or group
  - the strings at the top or the bottom of a session sort order
- During the session, the Integration Service caches input data until it can perform the rank calculations
- Can select only one port to define a rank

Rank Transformation (Contd.).

- When you create a Rank transformation, you can configure the following properties:
  - Enter a cache directory
  - Select the top or bottom rank
  - Select the input/output port that contains values used to determine the rank. You can select only one port to define a rank
  - Select the number of rows falling within a rank
  - Define groups for ranks

- Rank Transformation Ports:
  - Variable port - Can use to store values or calculations to use in an expression
  - Rank port - Use to designate the column for which you want to rank values

Thank You