

1st Image

By default "System" and "HR" schema is Present. And 'Informatica' and 'Core' schema we have to create. In order to Query this database we are going to use SQL developer.

23rd Image

Which table you load the 1st?

In star schema we have to load dimension table 1st and then Fact table.

57th Image

Meta data for particular transaction is store in repository it is not the other storage thing it a database.

### **Source Qualifier Transformation**

Informatica always gives preference to "session level Query" compare to Query written in "mapping level".

If source is flat file then we can't use Source Qualifier transformation for filtering data.

For that we have to use filter transformation.

We can use Source Qualifier transformation to join 2 table from same database& it would required only 1 Source Qualifier irrespective of no. of source.

4hr 41min to 4hr 42min.

### **Joiner Transformation**

We can use Joiner transformation to join 2 table from different database. Here we have to take as no. Source Qualifier transformation equal to no. of source then we have to take 1 joiner transformation.

How to improve performance when we to use joiner transformation ?

Ans:- We will say we will take small table as master table. Because Informatica will take cache memory in use. So whatever is the small table Informatica use this table into Informatica cache memory. If we take big table as master table then Informatica will lot of space & performance wise it will for the degradation.

In Informatica null value is treated as highest value.

Distinct is available in both Source Qualifier transformation & sorter transformation if we want unique record at the initial point then we can use it with help of Source Qualifier transformation and if we want it in between the pipeline then we have to use sorter transformation. Because Distinct is available at both transformation. And that's why both are Active transformation.

Q. If We have FF with Duplicate record then how we will remove that Duplicates without using Source Qualifier Distinct.?

Ans:- So for this we will use Sorter transformation (use Distinct).

If we select order is in ASEC and along with this if we check the box of case sensitive is equal to true then among Babu , babu. This Babu will come 1st then this babu will come. Because ASCII value of Capital letter is lower than small letter.

### **Aggregator Transformation & Sorter Transformation**

89th Image & 90th Image

In Aggregator transformation if we drag all the columns then whatever the Aggregation function we used its o/p will be came at the last row of the data.

When we Enabling property of 'sorting' in "Aggregator transformation" it assumes that we have to order it by that columns which we used in group by but it will not give sorting I/p to Aggregator

transformation. So we have to use separate sorter transformation between source and Aggregator transformation. Then it will give sorted values to Aggregator transformation and in the end we will get the final expected result.

If we are not using group by port then there is no need of Sorter transformation between source and Aggregator transformation. But if we are using group by port then there should be in Sorter transformation between source and Aggregator transformation.

In short we can say always we have to use Sorter Transformation before Aggregator Transformation for better performance.

### **Router Transformation**

Router Transformation W.V. of this transformation.

### **Sequence Generator Transformation.**

W.V. of sequence generator transformation.

To load every 4th record into target table then we will be using sequence generator transformation.

W.V. of sequence generator transformation. From 6hr 26min. to 6hr 30min.

### **Union Transformation**

100th image

It is exactly opposite of Router Transformation i.e multiple I/p to single O/P.

In Informatica Union Transformation act as Union all Transformation i.e. it is not removing duplicate Rows. To remove that we have to use sorter Transformation along with union Transformation because distinct function is available in sorter Transformation.

Union Transformation is active transformation because it is changing the row id of the records.

### **Join VS Union**

When structure of two tables are same and we have to use both table then we will go with union transformation. But When structure of two tables are different then we will go with join transformation.

### **Lookup Transformation**

In this we can take source table or target table depending upon the use-case in Lookup transformation table.

#### **1) Connected Lookup Transformation**

Whatever we are doing in Lookup Transformation we can do it with help of joiner Transformation but it is possible when both are table from same or different database. But in case we have flat file then what we will do in that case we have to go with connected Lookup Transformation

#### **2) Unconnected Lookup Transformation**

W.V. of this transformation (IMP)

107th Image

#### **Lookup policy on multiple Match**

In this, In lookup transformation table when we double click on it in properties section there is option of lookup policy on multiple match :- We have multiple options -

**Use any value**  
**Use 1st value**  
**Use last value**  
**Report Error**

Don't forget to put name of F.F. along with its extension.

Use any value means Informatica take value by its own choice.  
Here last value means 1st value  
& W.V.  
1st value means last value.

### **Update Transformation** (W.V. of this transformation)

# Remember one thing when we are using this transformation if source table dose not have the Primary key then it is acceptable but in target table must it must have the Primary key.  
W.V. of this transformation.

### **Java Transformation** (W.V. of this transformation)

#### **Parameters & Variables**

Image 133,134

#### **Parameters**

Parameters has 2 types Global & local Parameters.

Global Parameters means it gets read in any session and in any workflow.

local Parameters means it gets read in perticular session and in perticular workflow.

when we have to assign local Parameters then we have to give folder name, work flow name and session name.

During Session Parameters value can't gets change during run time.

During Session variables value gets change during run time.

#### **Performance**

How do you find performance issue in Informatica.

We will check session log and we will check a bottle neck and find's that busy % i.e. wether it is more than 70% either for source side transformation side or target side.

2 Types to solve this.

- 1)
- 2) Partition

Whenever we implement Partition we have to consider 3 things

**No. Of Partition.** (Threads) normally we go for 3 Threads max 10 Threads if we have to go beyond that then we have to take the permission of Informatica manager.

#### **Partition Types**

Various types are there but default will be passthrough partition.

#### **Partition Type**