



Informatica Power Center 9.0.1

Building Financial Data Mode - Lab#29 Complex Data Transformation Guide II

Description:

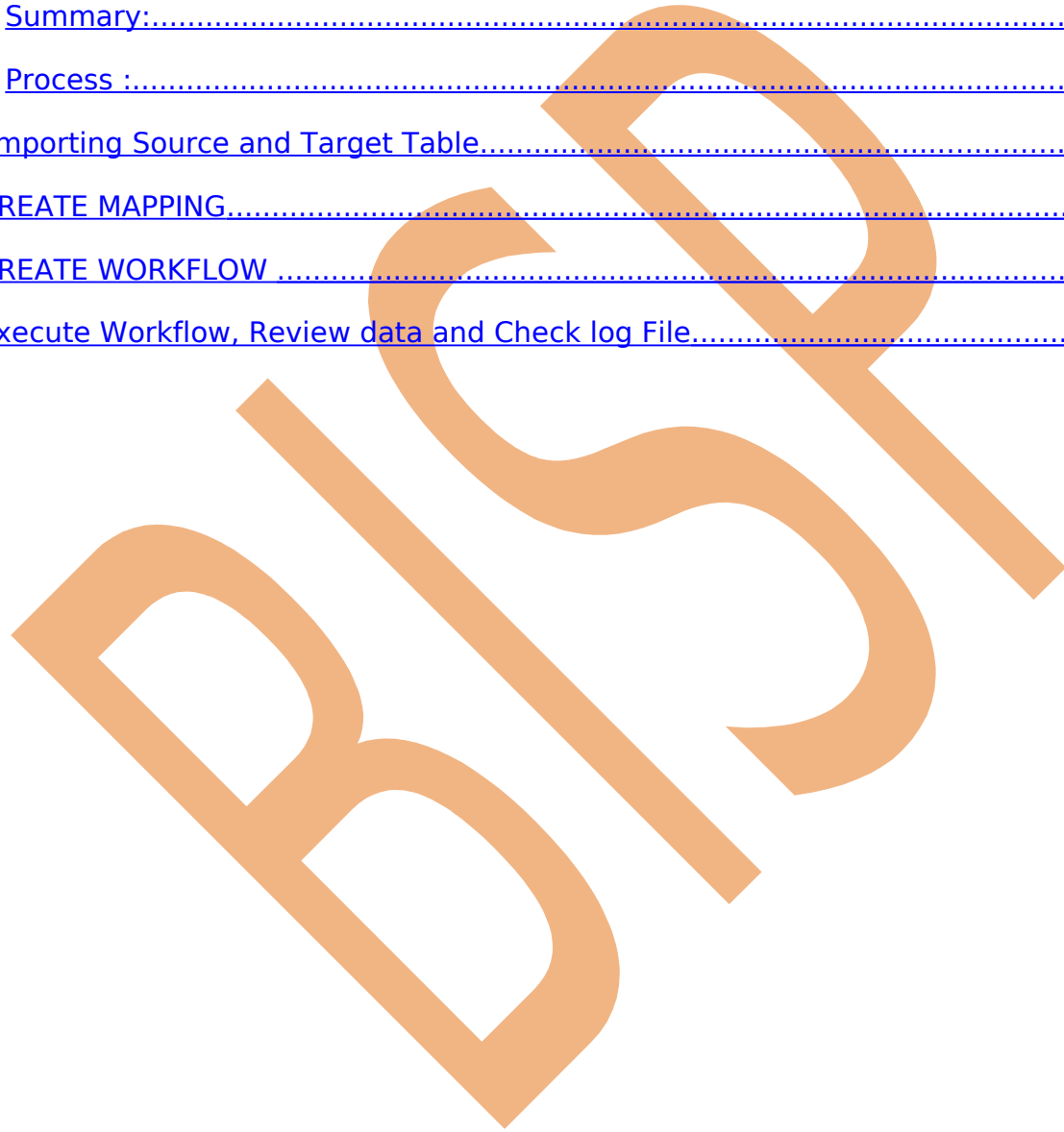
BISP is committed to provide BEST learning material to the beginners and advance learners. In the same series, we have prepared a complete end-to end Hands-on Guide for building financial data model in Informatica. The document focuses on how the real world requirement should be interpreted. The mapping document template with very simplified steps and screen shots makes the complete learning so easy. The document focuses on various data transformation required to while loading data to the transaction system. **Join our professional training program and learn from experts.**

History:

Version	Description Change	Author	Publish Date
0.1	Initial Draft	Upendra Upadhyay	12th Aug 2011
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Introduction:

In this exercise we are going to learn many cases where we require applying various rules in order to ensure the data maps as per target system need. There are some complex transformations applied in this document. The summary of the data quality check is as below.

Objective: In this example, we performed data quality check for daily use of ATM and BASIS_RISK_COST_RATE and ORIGINATION_Date. These are the requirements for Check for Data Quality.

- Business Rule for DAILY_LIMIT_ATM (IF Card_Type = Gold then DAILY_LIMIT_ATM <=25,000, ElseIF Card_Type = Diamond then DAILY_LIMIT_ATM <=50,000, ElseIF Card_Type = Platinum then DAILY_LIMIT_ATM =100,000).
- ORIGINATION_DATE determines the Account_Age(Account_Age should have the value in term of Year, Month and Days i.e. ORIGINATION_DATE = 09/01/2011 and today date is 10/01/2013 so result is 2 Year,0 Months 1 Day).
- Payment Frequency depends on PMT_FREQ_MULT flag.(IF PMT_FREQ_MULT Flag = Y Then PMT_FREQ can be Yearly, Quarterly and Monthly. And IF PMT_FREQ_MULT Flag = N The PMT_FREQ can be Yearly only).
- BASIS_RISK_COST_RATE is 10.3% more than last year BASIS_RISK_COST_RATE.(i.e. BASIS_RISK_COST_RATE in 2012 was 500 now will be 552)
- LIQUIDITY_PREMIUM_AMT can be more than the total loan amount +10.3% Yearly interest. (Loan_Amount = 10000 LIQUIDITY_PREMIUM_AMT can be 10000+10.3 % of 10000).

Summary:

Source Table - SRC_D_CASA

Target Table - TRG_D_CASA

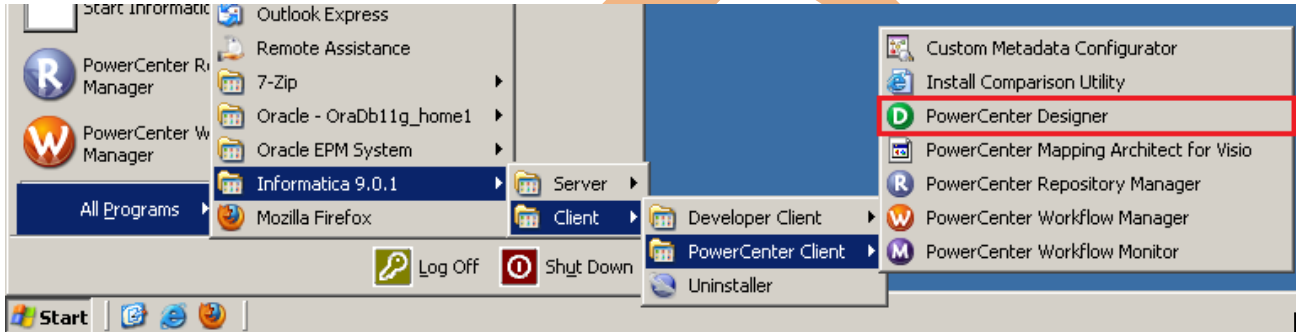
Process :

- Lunch Informatica Power Center Designer 9.0.1
- Import source table in Source analyzer
- Import target table in Target Designer.
- Create mapping in Mapping Designer.
- Create filter transformation to filter the source data.
- Create expression transformation to define the expression.
- In Informatica power center workflow manager, Create workflow and assign session and relational connection.
- Execute workflow.
- In information power center workflow monitor, check session execution.
- Review data in Target Designer or Target connection.
- Check log execution.

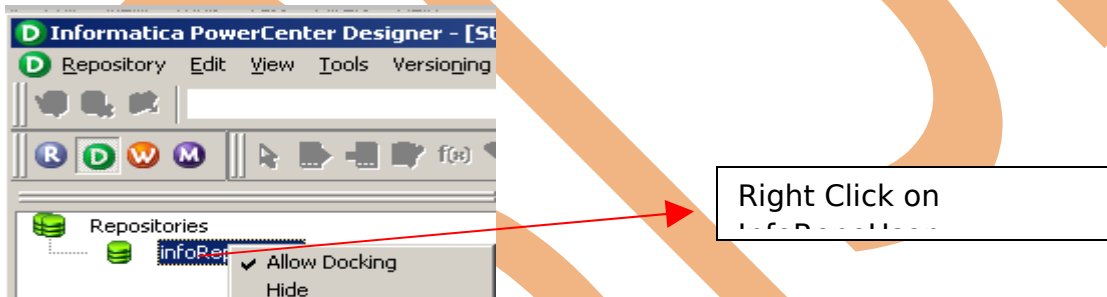
Importing Source and Target Table

Import data from source and create target table (There are two types to create target table, manually or import from database). There are following step to importing source and target database (Table).

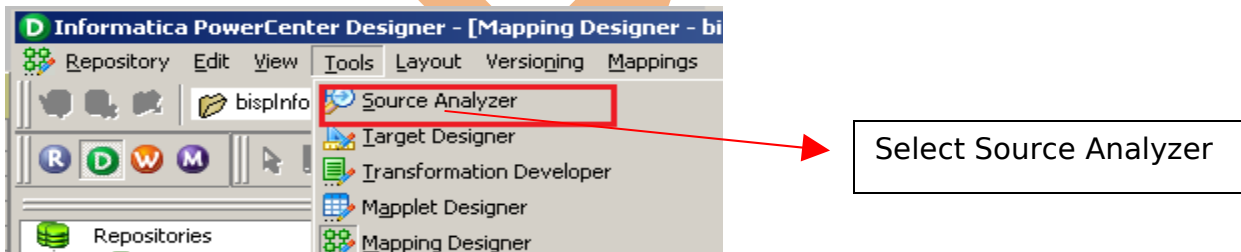
Step-1 Click on Start > All Programs > Informatica 9.0.1 > Client > Power Center Client> Power Cente Designer.



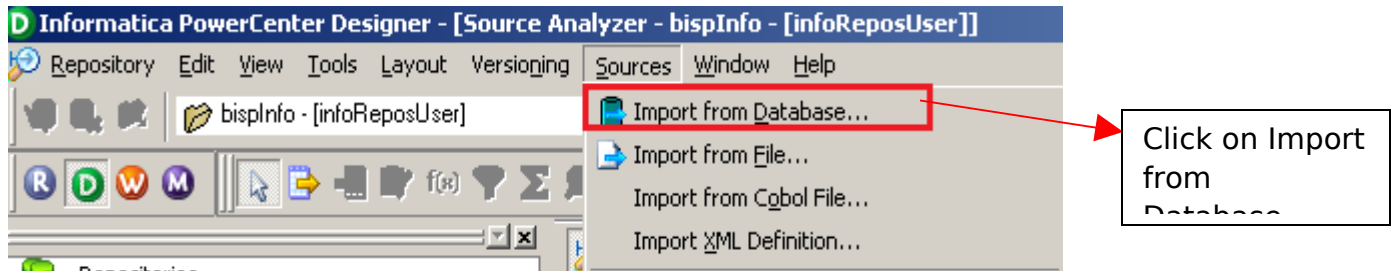
Step-2 Then Connect to Repository in Informatica Power Center Designer Right click on repository name and click on Connect.



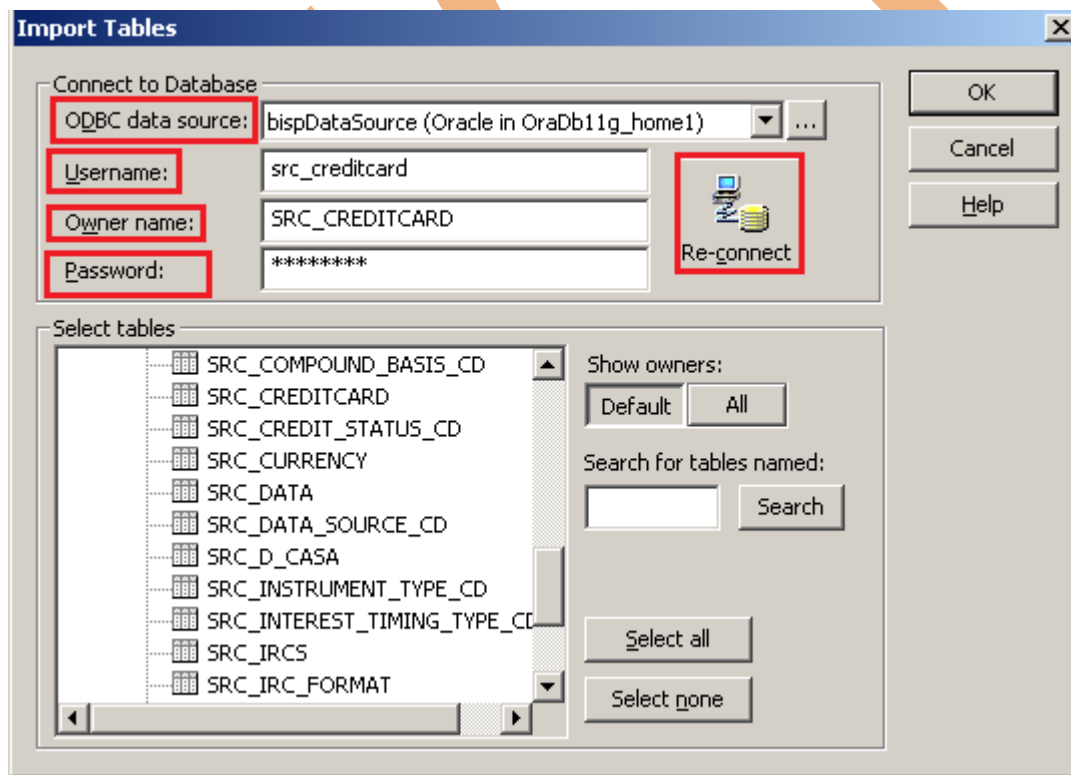
Step-3 Then go to Tools Menu and click on Source Analyzer to import source table.



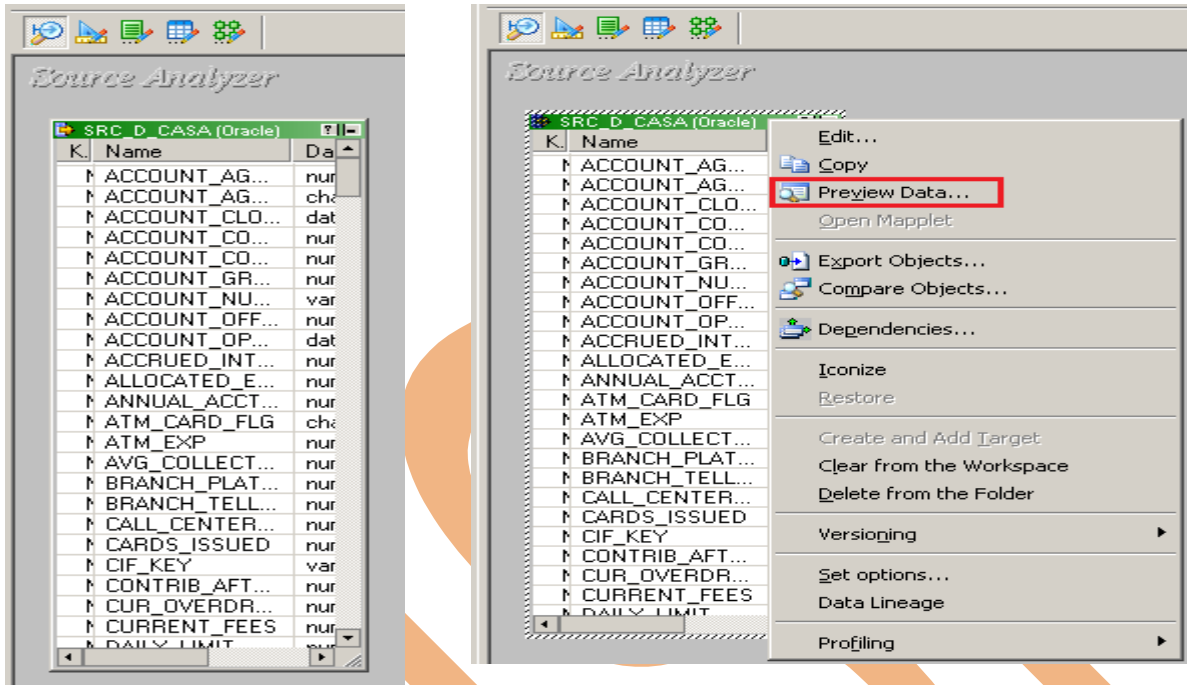
Step-4 And then go to Sources Menu in Informatica Power Center Designer Menu bar and select Import from database (Here some other options available such as Import from Database(import source data from RDBMS), Import from File(import source data from Flatfile), Import from Cobol File(import Cobol source), Import XML Definition(import source data from XML) etc.).



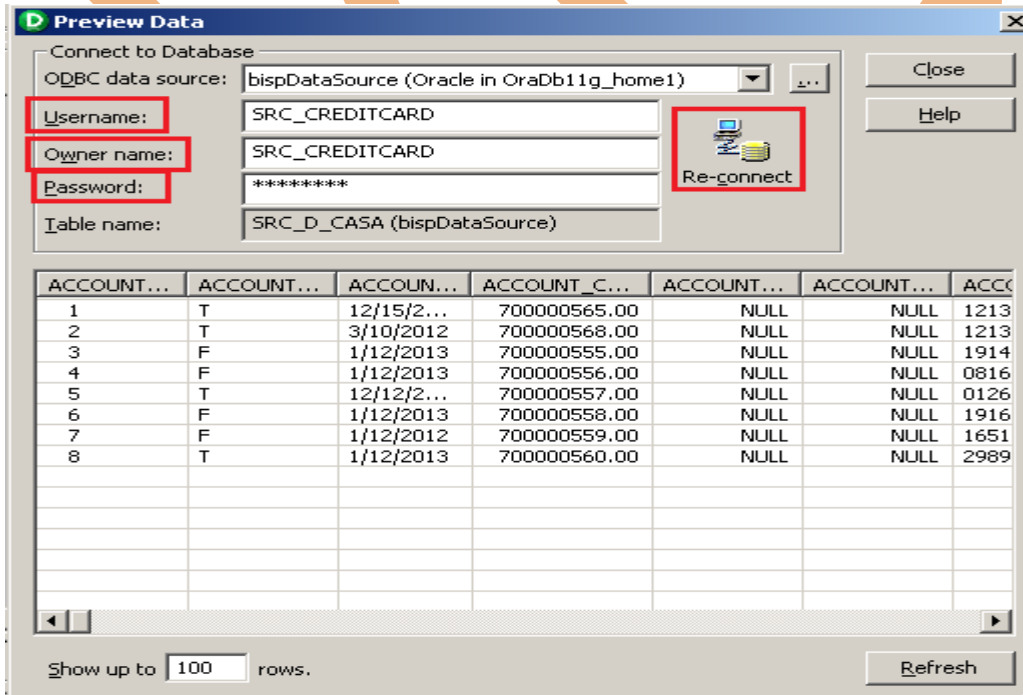
Step-5 Specify Username, Owner name and password then click on connect. Select source table and click on OK if you select all table, then click on select all and click OK.



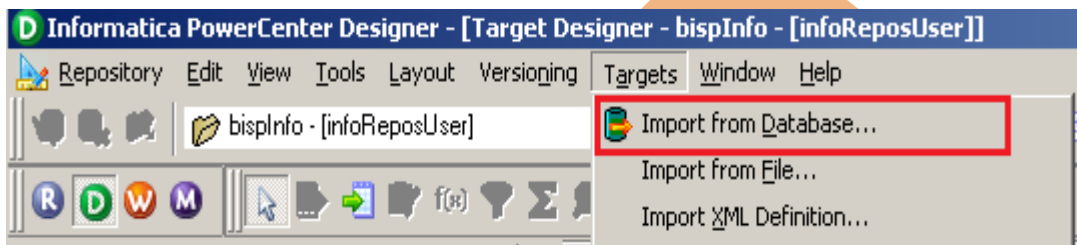
Step-6 Source table in source analyzer window. Then right click on Source table and select Preview Data to view data. If you want to edit some column and its relationship then you can do this from select Edit options. and also some other options available such as Export Objects, Compare Objects, Dependencies..., Iconize etc.



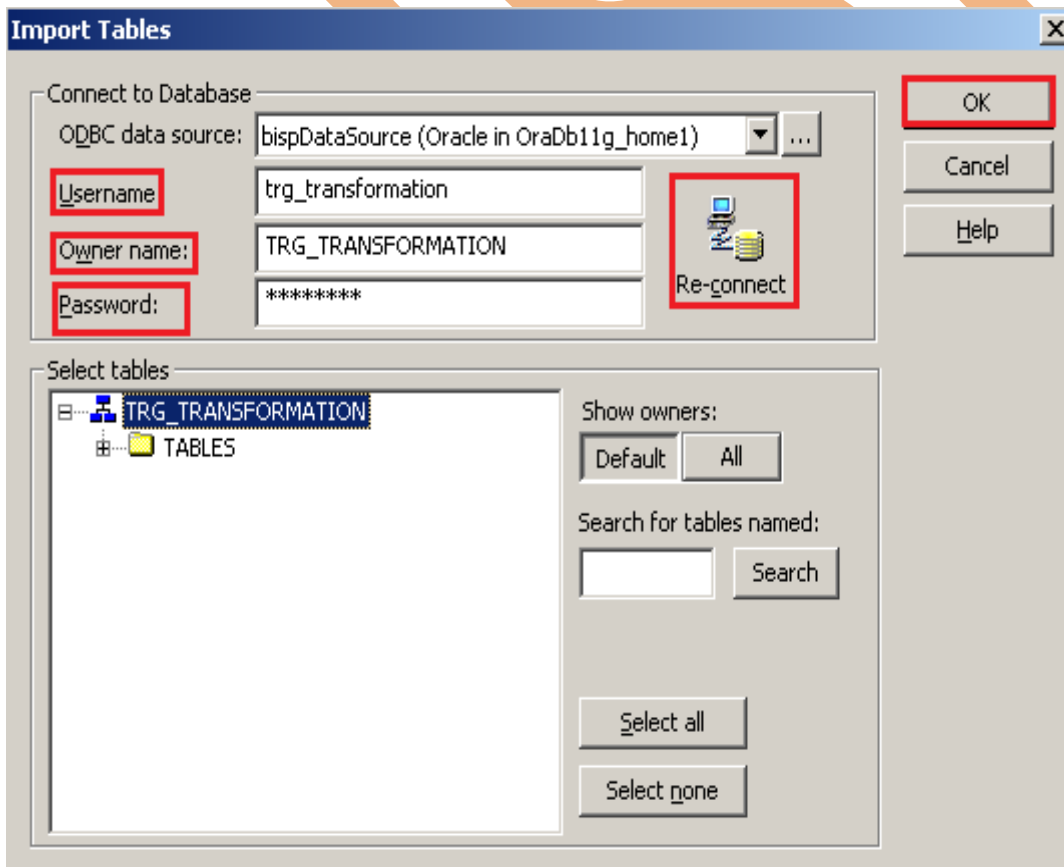
Step-7 When you click on Preview Data, A new window appear. Select ODBC data source connection and then specify Username, Owner name and Password and then click on Connect button.



Step-8 Now click on Target Designer. And then select Target menu in Informatica Power Center Designer Menu bar and click on Import from database to import target table. (Or create manually, In target menu click on create select database type and click OK. Then add column in Edit window. If target table stored in any RDBMS then select target table and then go to target menu and click on Generate/Execute SQL... Generate/Execute window appears. Then click on connect option and connect to database and specify information and then click on Generate and Execute).



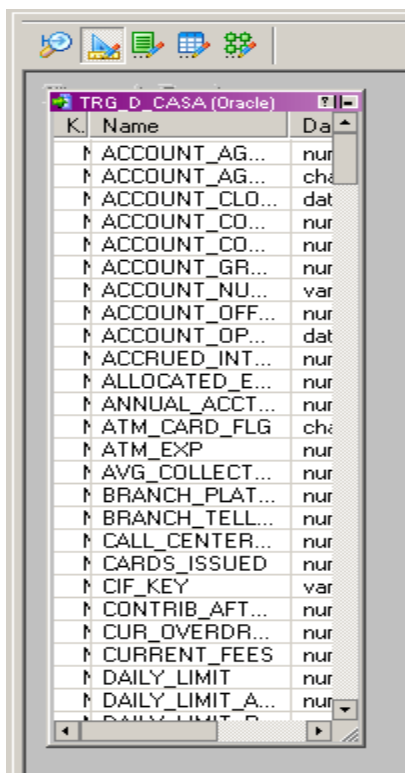
Step-9 Specify Username, Owner name, password and then click on connect and then select target table and click on OK.



Step-10 Target table in Target Designer tab. Here two target table in target designer window.

First Target Table(TRG_ACCOUNT_DETAILS) - Store all account information.

Second Target Table(Branch Grade) - Store Branch_CD and Grade.



K	Name	Data
M	ACCOUNT_AG...	num
M	ACCOUNT_AG...	che
M	ACCOUNT_CLO...	dat
M	ACCOUNT_CO...	num
M	ACCOUNT_CO...	num
M	ACCOUNT_GR...	num
M	ACCOUNT_NU...	var
M	ACCOUNT_OFF...	num
M	ACCOUNT_OP...	dat
M	ACCRUED_INT...	num
M	ALLOCATED_E...	num
M	ANNUAL_ACCT...	num
M	ATM_CARD_FLG	che
M	ATM_EXP	num
M	AVG_COLLECT...	num
M	BRANCH_PLAT...	num
M	BRANCH_TELL...	num
M	CALL_CENTER...	num
M	CARDS_ISSUED	num
M	CIF_KEY	var
M	CONTRIB_AFT...	num
M	CUR_OVERDR...	num
M	CURRENT_FEES	num
M	DAILY_LIMIT	num
M	DAILY_LIMIT_A...	num
M	DAILY_LIMIT_P...	num

CREATE MAPPING

Mapping: Mappings represent the data flow b/w sources to targets. When the Informatica Power Center Server executes a session, it uses the instructions configured in the mapping to read, transform, and write data.

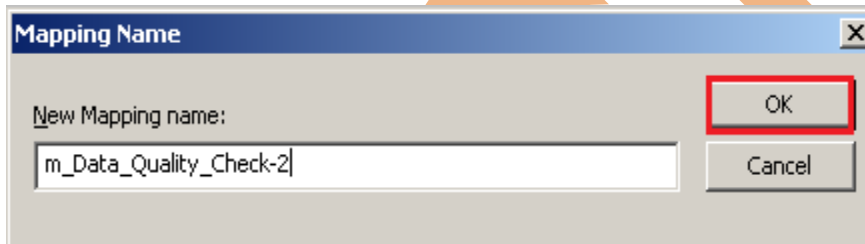
Every mapping must contain the following components:

Source definition: It describes the characteristics of a source.

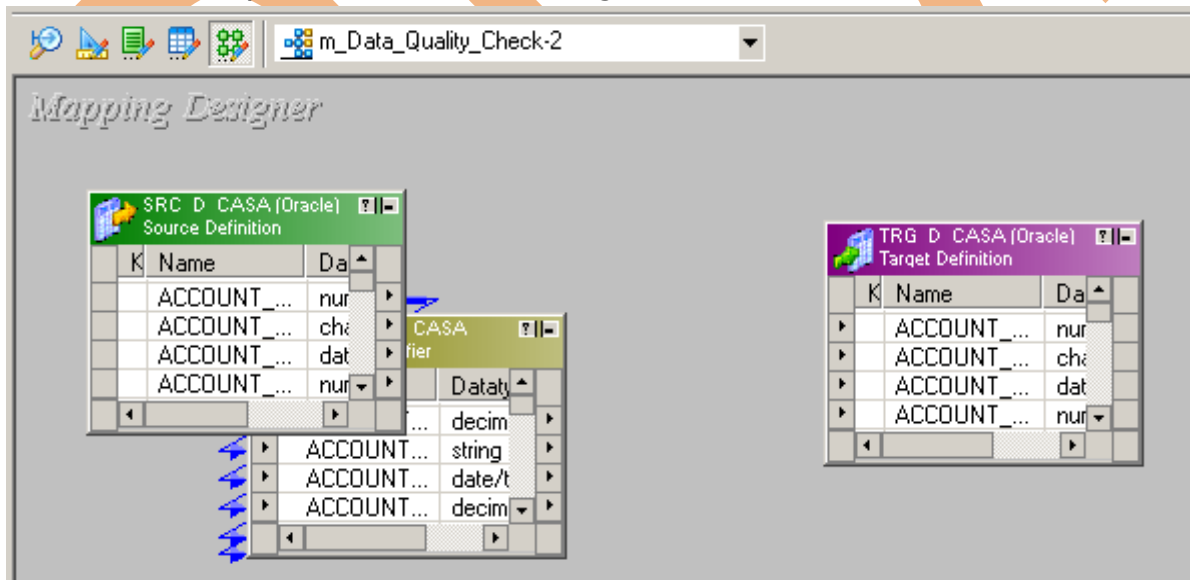
Transformation: A transformation is a repository object which reads the data, modifies the data and passes the data. Transformations in a mapping represent the operations that the integration service performs on the data.

Target definition: It describes the target table.

Step-1 Go to Mapping Designer  and Create New Mapping for the Data Quality Check. Go to menu bar and select Mappings menu and then click on Create then name of mapping and click OK button to create mapping.

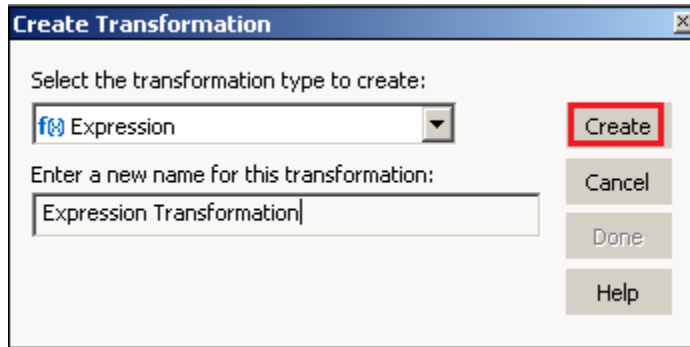


Step-2 Then drag and drop source and target table into Mapping Designer Window from specified folder in Navigator.

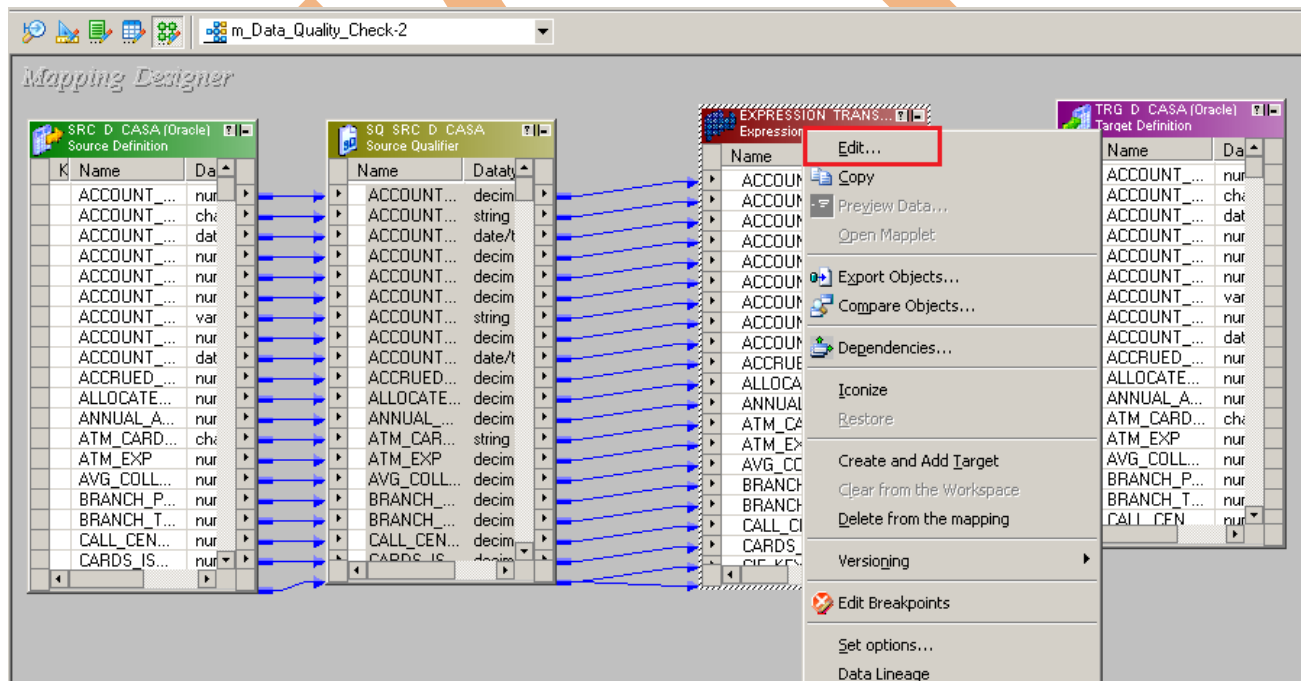


Step-3 Now create expression transformation for specify these business logic in mapping. Go to menu bar and Click on Transformation then click Create and select Expression Transformation in drop down and then name of transformation and click on Create button then click on Done button.

Expression transformation: Expression transformation is a connected and passive transformation used to calculate values on a single row. Expression transformation also be used to test conditional statements or query before passing the data to other transformations or target.



Step-4 Now passes all source qualifier table column into expression transformation table. and then right click on expression transformation table and click on Edit to Edit the transformation.



Step-5 Now go to Ports tab and add dummy port of DAILY_LIMIT_ATM and then rename and select output box then write expression for the O_DAILY_LIMIT_ATM.

Edit Transformations

Transformation Ports Properties Metadata Extensions

Select transformation: f(x) EXPRESSION_TRANSFORMATION

Transformation type: Expression

	Port Name	Datatype	Prec	Scale	I	O	V	Expression
16	BRANCH_PLATFORM_EXP	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BRANCH_PLATFORM_EXP
17	BRANCH_TELLER_EXP	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BRANCH_TELLER_EXP
18	CALL_CENTER_EXP	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CALL_CENTER_EXP
19	CARDS_ISSUED	decimal	4	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CARDS_ISSUED
20	CIF_KEY	string	20	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CIF_KEY
21	CONTRIB_AFTER_CAPITAL_CHG	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CONTRIB_AFTER_CAPITAL_CHG
22	CUR_OVERDRAFT_BAL	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CUR_OVERDRAFT_BAL
23	CURRENT_FEES	decimal	22	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CURRENT_FEES
24	DAILY_LIMIT	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DAILY_LIMIT
25	DAILY_LIMIT_ATM	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DAILY_LIMIT_ATM
26	DAILY_LIMIT_ATM1	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DAILY_LIMIT_ATM1
27	DAILY_LIMIT_POS	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DAILY_LIMIT_POS
28	DATA_PROCESSING_EXP	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DATA_PROCESSING_EXP
29	DEPOSIT_INSURANCE	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DEPOSIT_INSURANCE

Default value:

Description:

OK Cancel Apply Help

Step-6 Then go to Expression editor and write expression then click on Validate button and then click on OK.

Expression Editor: O_DAILY_LIMIT_ATM - EXPRESSION_TRANSFORMATION (Expression)

Functions Ports Variables

Formula:

```

IIF(CARD_TYPE = 'Gold', 25000,
IIF(CARD_TYPE = 'Diamond', 50000,
IIF(CARD_TYPE = 'Platinum', 100000)))

```

Designer

Expression parsed successfully

OK

Functions in the All Functions group.

Numeric keypad: 7 8 9, 4 5 6, 1 2 3, 0 .

Operator keypad: AND OR NOT, () < > = !=, + - <= >= % ||, * / ' " , :

OK Cancel Validate Comments Help

Step-7 Now check ORIGINATION_DATE as a output and write expression.

Transformation: **f** EXPRESSION_TRANSFORMATION

Transformation type: Expression

Port Name	Datatype	Prec	Scale	I	O	V	Expression
138 NEXT_REPRICE_DATE	date/time	29	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NEXT_REPRICE_DATE
139 ORG_NET_BOOK_BAL_C	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ORG_NET_BOOK_BAL_C
140 ORG_NET_PAR_BAL_C	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ORG_NET_PAR_BAL_C
141 ORG_PAR_BAL	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ORG_PAR_BAL
142 ORG_RATE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ORG_RATE
143 ORIGINATION_DATE	string	29	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DATE_DIFF(SYSDATE,AS_OF_DATE,YY)
144 PERCENT_SOLD	decimal	8	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PERCENT_SOLD
145 PMT_ADJUST_DATE	date/time	29	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_ADJUST_DATE
146 PMT_CHG_FREQ	decimal	5	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_CHG_FREQ
147 PMT_CHG_FREQ_MULT	string	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_CHG_FREQ_MULT
148 PMT_DECR_CYCLE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_DECR_CYCLE
149 PMT_DECR_LIFE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_DECR_LIFE
150 PMT_FREQ	decimal	5	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_FREQ
151 PMT_FREQ_MULT	string	1	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_FREQ_MULT

Default value: ERROR('transformation error')

Description:

OK Cancel Apply Help

Step-8 Then go to Expression editor and write expression then click on Validate button and then click on OK.

Expression Editor: ORIGINATION_DATE - EXPRESSION_TRANSFORMATION (Expression)

Formula: DATE_DIFF(SYSDATE,AS_OF_DATE,YY)

Designer: Expression parsed successfully

OK

Validate

OK Cancel Validate Comments Help

Step-9 Now check LIQUIDITY_PREMIUM_AMT as a output and write expression.

Select transformation: **f(x)** EXPRESSION_TRANSFORMATION
Transformation type: Expression

Port Name	Datatype	Prec	Scale	I	O	V	Expression
178 MATCHED_SPREAD_ALT	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MATCHED_SPREAD_ALT
179 TRAN_RATE_REM_TERM_ALT	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TRAN_RATE_REM_TERM_ALT
180 TRANSFER_RATE_ALT	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TRANSFER_RATE_ALT
181 LIQUIDITY_PREMIUM_AMT	decimal	14	2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Loan_Amount + (Loan_Amount*(1...
182 LIQUIDITY_PREMIUM_RATE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LIQUIDITY_PREMIUM_RATE
183 TP_DURATION	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TP_DURATION
184 TP_AVERAGE_LIFE	decimal	22	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TP_AVERAGE_LIFE
185 CHARGE_CREDIT_TRATE	decimal	22	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CHARGE_CREDIT_TRATE
186 CHARGE_CREDIT_TRATE_REM_T...	decimal	22	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CHARGE_CREDIT_TRATE_REM...
187 TP_EFFECTIVE_DATE	date/time	29	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TP_EFFECTIVE_DATE
188 OPTION_COST	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	OPTION_COST
189 CUR_PAYMENT	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CUR_PAYMENT
190 DEFERRED_CUR_BAL	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DEFERRED_CUR_BAL
191 INT_TYPE	decimal	5	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	INT_TYPE

Default value: ERROR('transformation error')
Description:

Buttons: OK, Cancel, Apply, Help

Step-10 Then go to Expression editor and write expression then click on Validate button and then click on OK.

Expression Editor: LIQUIDITY_PREMIUM_AMT - EXPRESSION_TRANSFORMATION (Expression)

Functions | Ports | Variables

Formula: `Loan_Amount + (Loan_Amount*(10.3/100))`

Designer: Expression parsed successfully

Buttons: OK, Cancel, Validate, Comments, Help

Numeric keypad: 7, 8, 9, 4, 5, 6, 1, 2, 3, 0, .

Operator keypad: AND, OR, NOT, (,), <, >, =, !=, +, -, <=, >=, %, ||, *, /, ', ", , :

Step-11 Now check PMT_FREQ_MULT as a output and write expression.

Select transformation: f(x) EXPRESSION_TRANSFORMATION
Transformation type: Expression

Port Name	Datatype	Prec	Scale	I	O	V	Expression
146 PMT_CHG_FREQ	decimal	5	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_CHG_FREQ
147 PMT_CHG_FREQ_MULT	string	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_CHG_FREQ_MULT
148 PMT_DECR_CYCLE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_DECR_CYCLE
149 PMT_DECR_LIFE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_DECR_LIFE
150 PMT_FREQ	decimal	5	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_FREQ
151 PMT_FREQ_MULT	string	10	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_FREQ_MULT
152 0_PMT_FREQ_MULT	string	10	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	IIF(PMT_FREQ_MULT = 'N', 'Ye...
153 PMT_INCR_CYCLE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_INCR_CYCLE
154 PMT_INCR_LIFE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMT_INCR_LIFE
155 PRIOR_TP_PER_ADB	decimal	14	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PRIOR_TP_PER_ADB
156 PRODUCT_TYPE_CD	decimal	5	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PRODUCT_TYPE_CD
157 RATE_CAP_LIFE	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RATE_CAP_LIFE
158 RATE_CHG_MIN	decimal	10	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RATE_CHG_MIN
159 RATE_CHG_BND_CD	decimal	5	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RATE_CHG_BND_CD

Default value: ERROR('transformation error')
Description:

OK Cancel Apply Help

Step-12 Then go to Expression editor and write expression then click on Validate button and then click on OK.

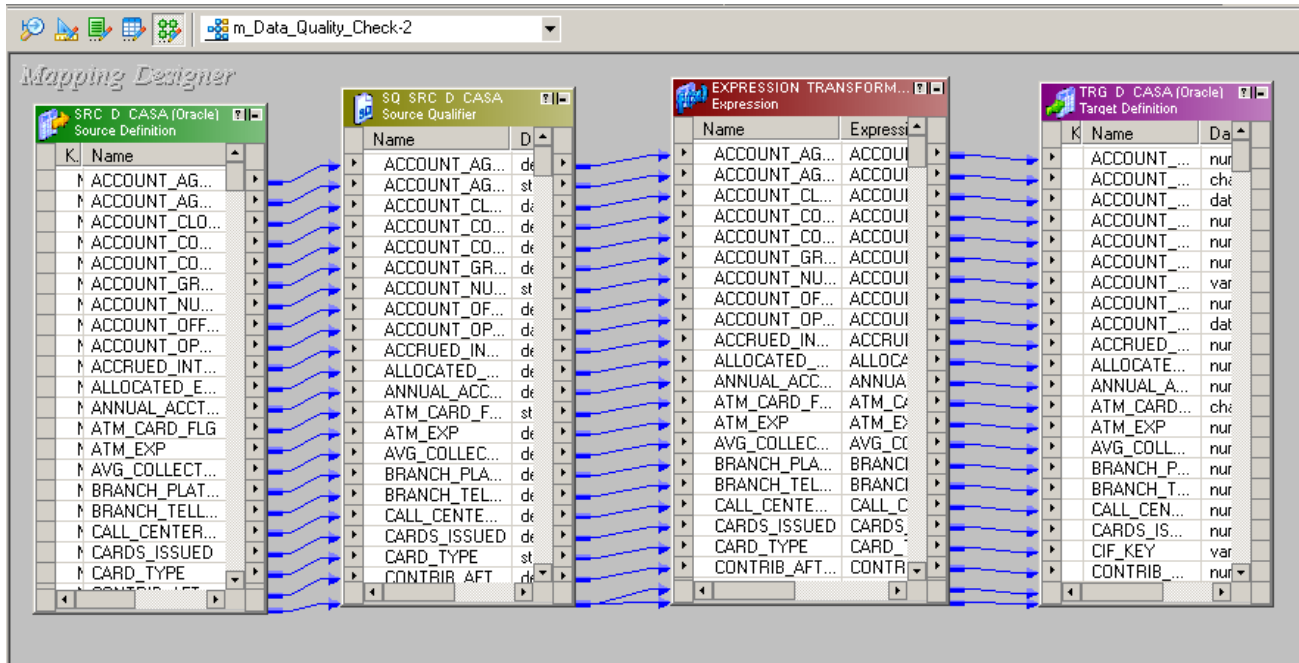
Expression Editor: 0_PMT_FREQ_MULT - EXPRESSION_TRANSFORMATION (Expression)

Formula: IIF(PMT_FREQ_MULT = 'N', 'Yearly', IIF(PMT_FREQ_MULT = 'Y', 'Quarterly', 'Monthly'))

Designer
Expression parsed successfully
OK

Numeric keypad: 7, 8, 9, 4, 5, 6, 1, 2, 3, 0, .
Operator keypad: AND, OR, NOT, (,), <, >, =, !=, +, -, <=, >=, %, ||, *, /, ', ", , :
OK Cancel Validate Comments Help

Step-13 Then Create Mapping.



Step-14 . Save this mapping.

01/18/2013 14:08:43 *** Saving... Repository infoReposUser, Folder Multiple_Source

Validating transformations of mapping m_Data_Quality_Check-2...

...transformation validation completed with no errors.

Validating data flow of mapping m_Data_Quality_Check-2...

...data flow validation completed with no errors.

Parsing mapping m_Data_Quality_Check-2...

...parsing completed with no errors.

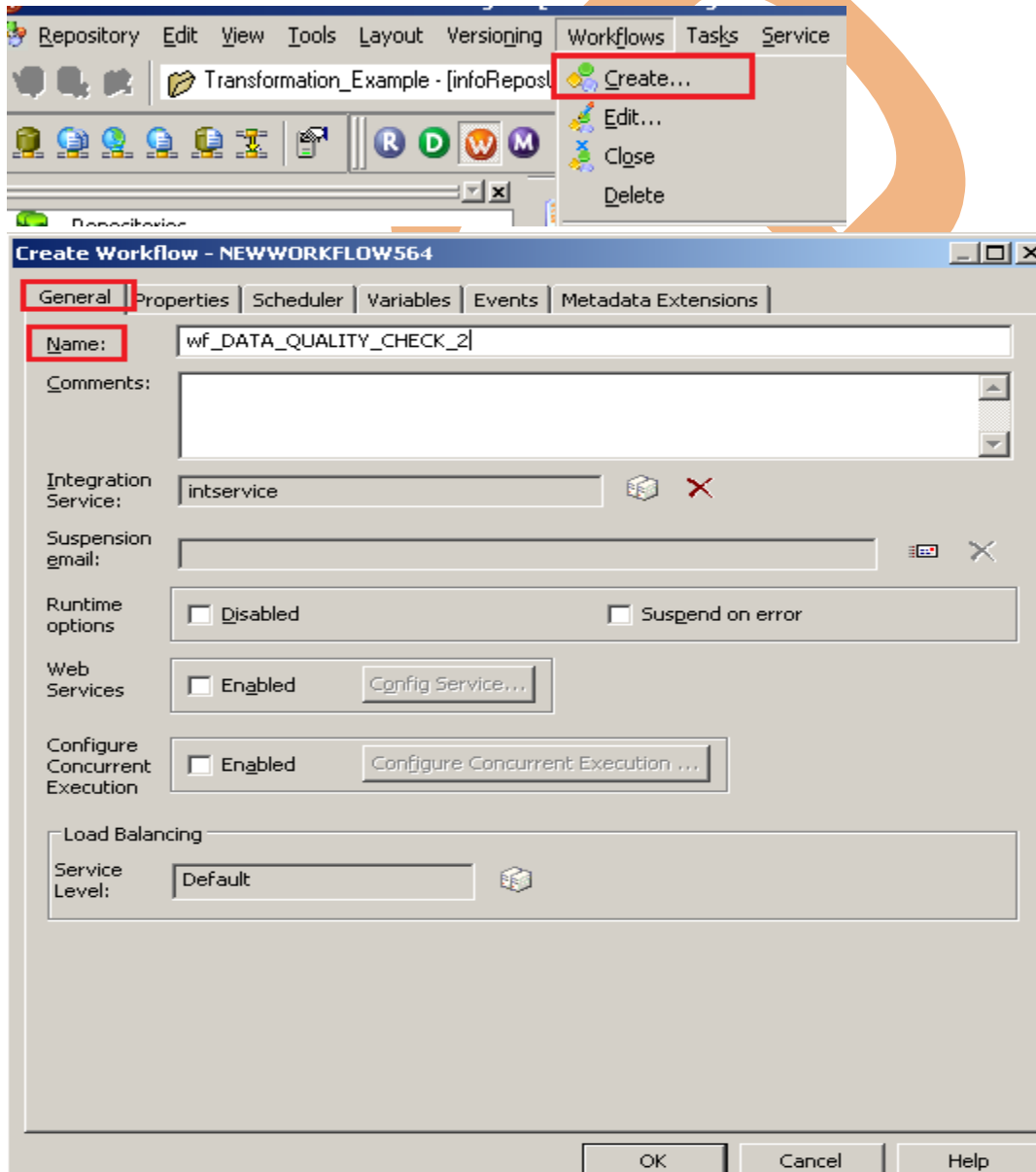
***** Mapping m_Data_Quality_Check-2 is VALID *****

mapping m_Data_Quality_Check-2 updated.

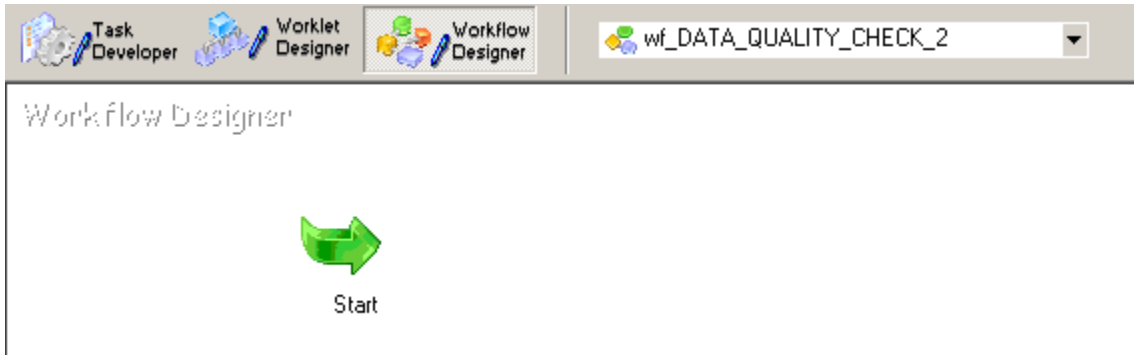
CREATE WORKFLOW

Workflow Manager: Workflow load the data between source to target b/w sequential manner. And also Define run-time properties for a mapping, known as sessions.

Step-1 Open Informatica PowerCenter Workflow Manager and then go to go to workflow designer and click on workflow menu to create workflow. Specify name of workflow and click OK.

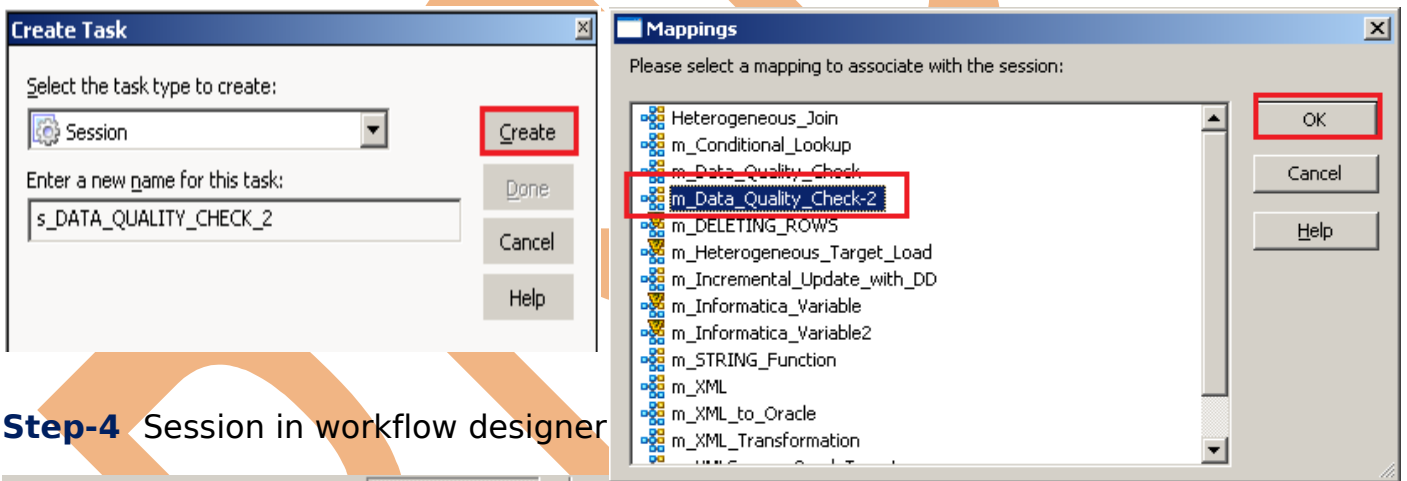


Step-2 Workflow Designer.

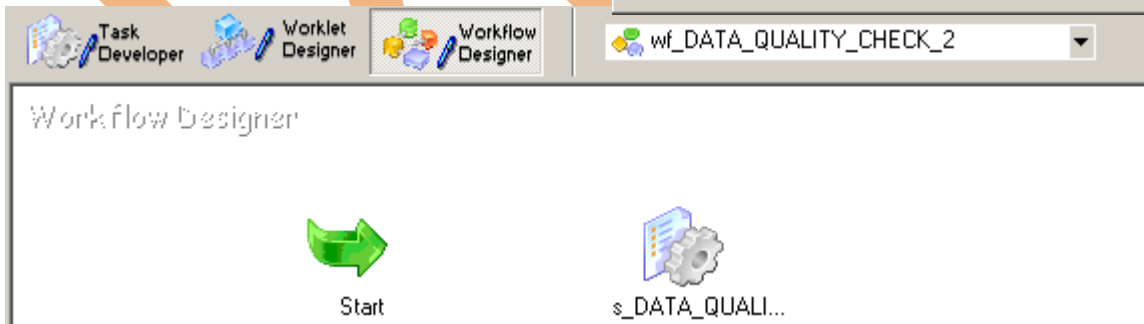


Step-3 Create Task and assign session, Click on Task menu and click on create and then name of session, click Create, select mapping and click OK.

SESSION - A session is a set of instructions that tells the Power Center Server how and when to move data from sources to targets.



Step-4 Session in workflow designer



Step-5 Now create flow B/W Workflow to Task. Select Line Task and link to Start to s_Data_Quality_Check.

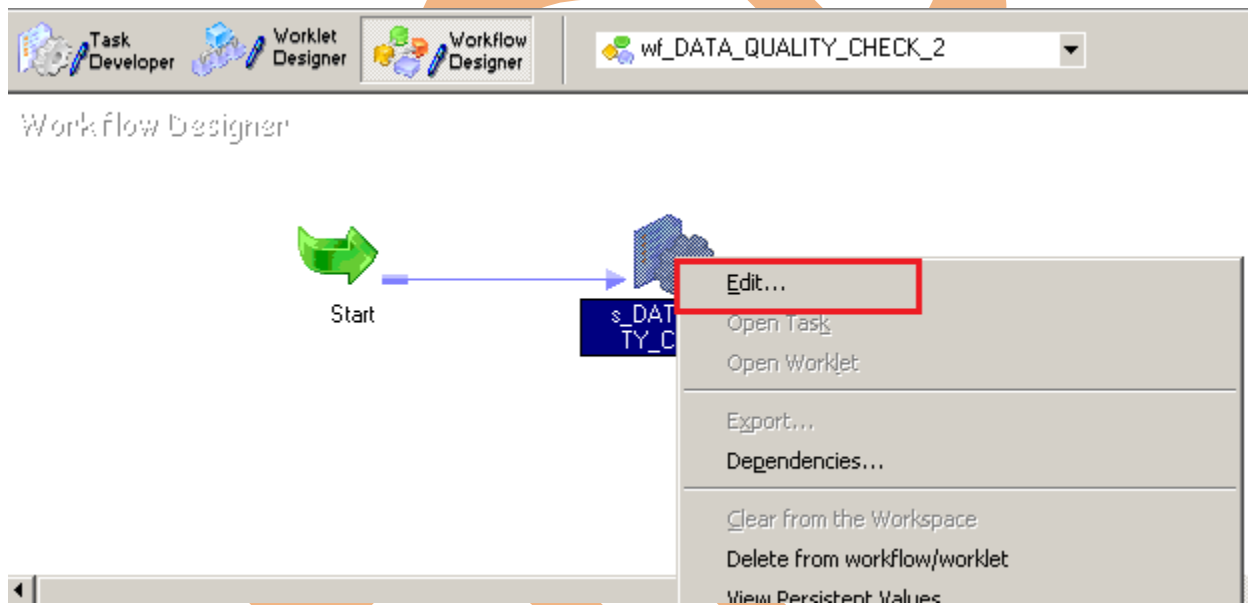
Link Task - Link task to determine the order of execution in the workflow.

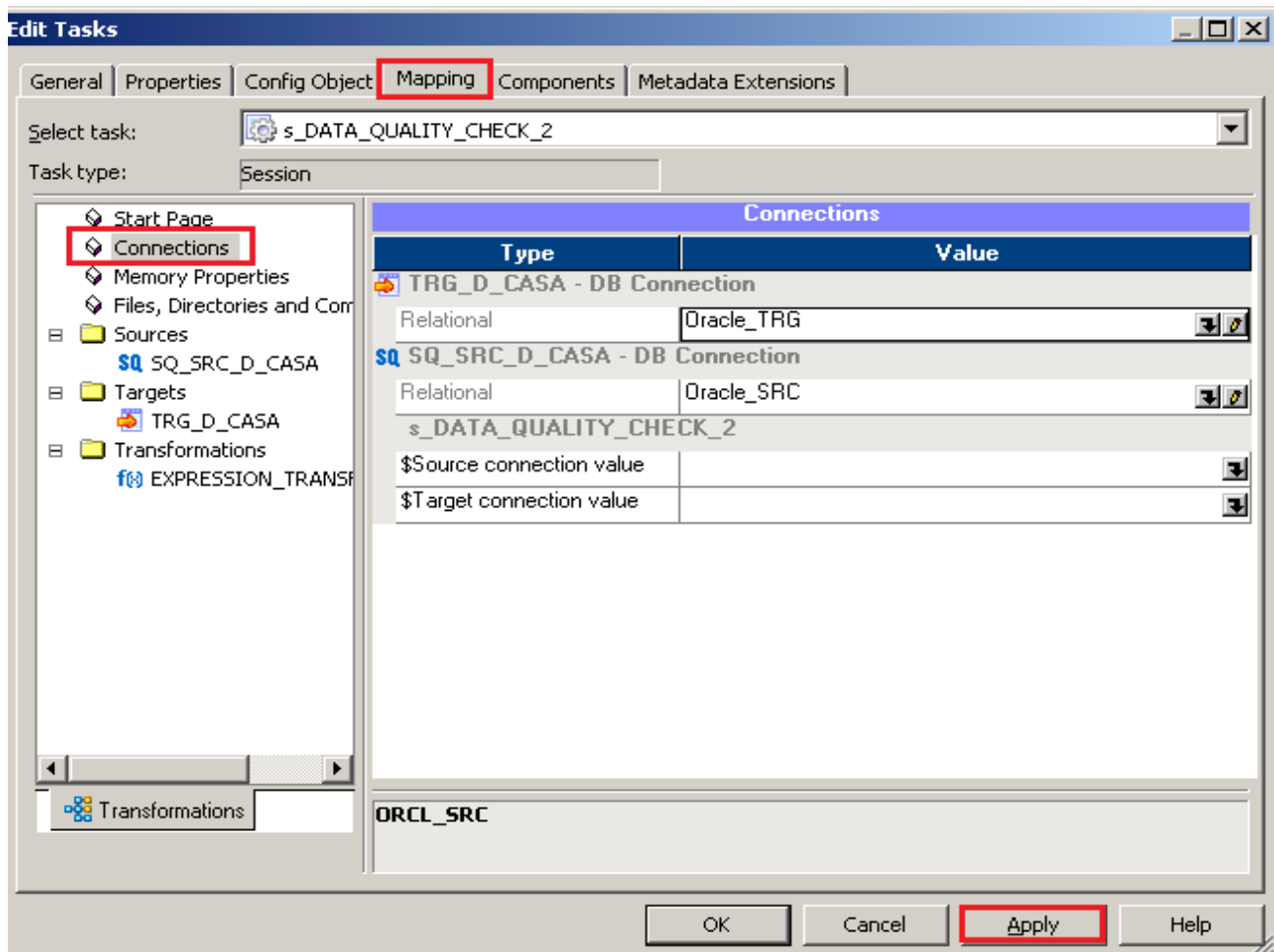


Step-6 Work Flow Designer Windows.



Step-7 Now Configure Connection to Target, Then Right Click on Expression and Edit, Then Click Mapping tab and configure connection for your Target table schema in oracle 11g RDBMS. And then click OK.

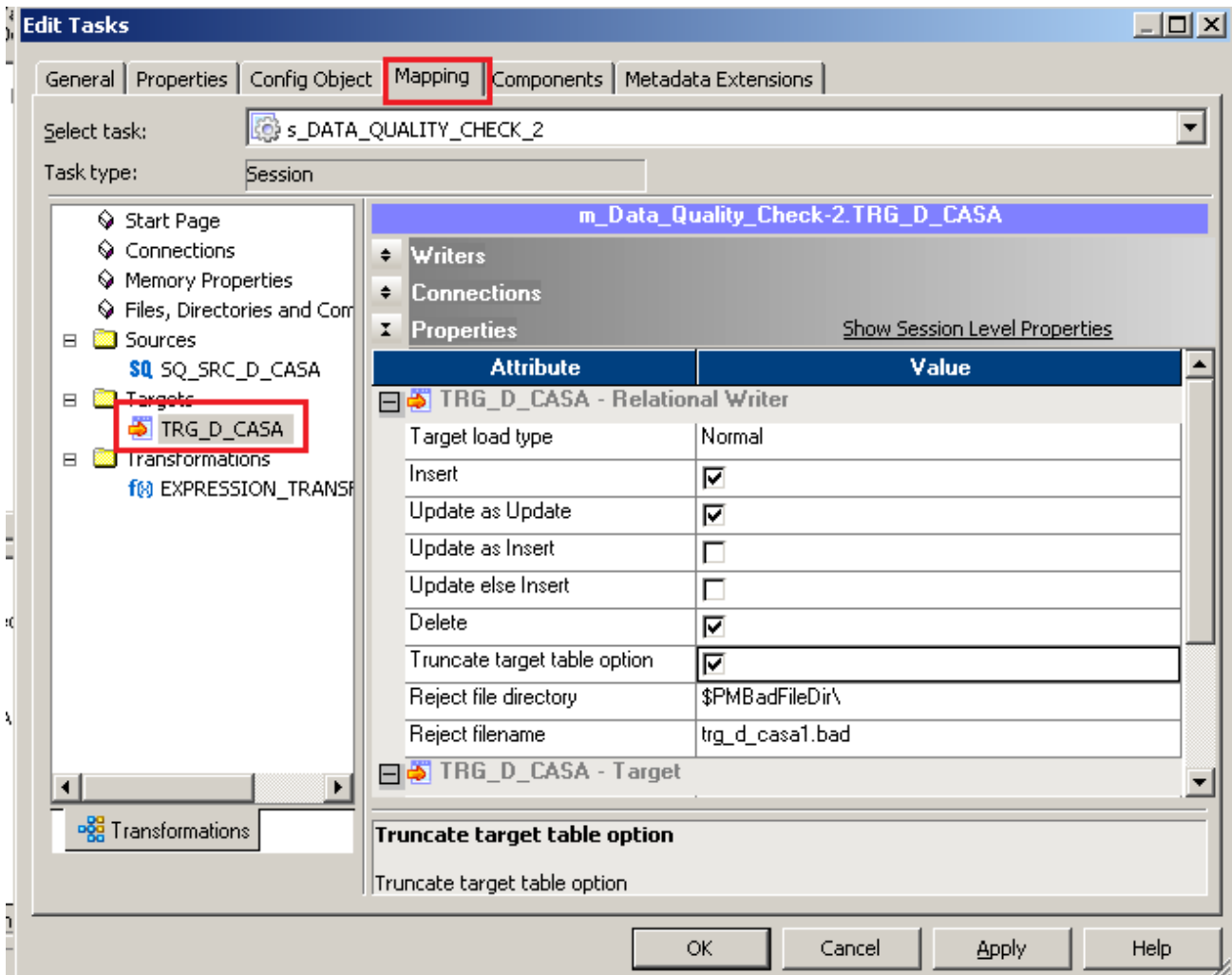




Step-8 Set These property for target table.

- **Insert:** Check this option to insert a row in the target table.
- **Delete:** Check this option to delete a row in the target table.
- **Truncate Table:** check this option to truncate the target table before loading the data.
- **Update as Update:** Update the row in the target table.
- **Update as Insert:** Insert the row which is flagged as update.
- **Update else Insert:** If the row exists in the target table, then update the row. Otherwise, insert the row.

Set property for TRG_ACCOUNT_DETAILS.



Step-9 Now save (ctrl+s) this workflow and check it.

01/17/2013 15:52:50 *** Saving... Repository infoReposUser, Folder Multiple_Source

/validating the flow semantics of Workflow wf_DATA_QUALITY_CHECK_2...
..flow semantics validation completed with no errors.

/validating tasks of Workflow wf_DATA_QUALITY_CHECK_2...
..Workflow wf_DATA_QUALITY_CHECK_2 tasks validation completed with no errors.

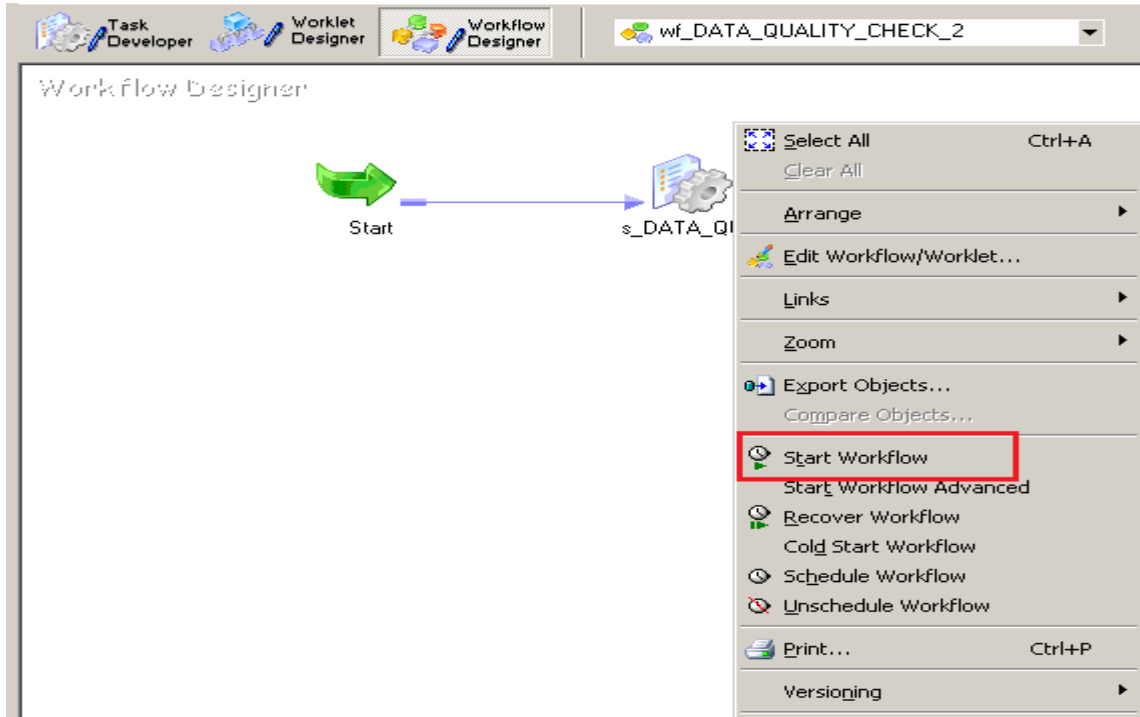
***** Workflow wf_DATA_QUALITY_CHECK_2 is VALID *****

Workflow wf_DATA_QUALITY_CHECK_2 inserted.

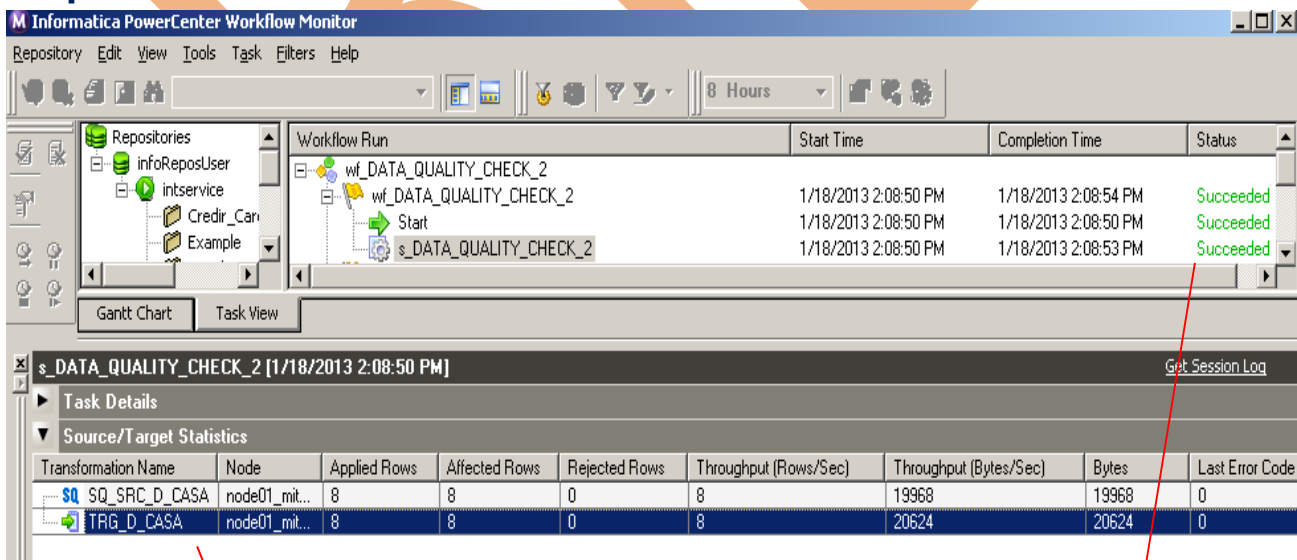
Execute Workflow, Review data and Check log File

Workflow monitor: Workflow monitor is helpful in monitoring and tracking the workflow created in Informatica power center.

Step-1 Now Start Workflow, Right click on Workflow Designer Window and Click on Start Workflow.



Step-2 Check session in Informatica PowerCenter Workflow Monitor.



Target Load

Session successfully Succeeded

Step-3 Now check target Table. Right click on Target Table in Target designer and give Username, Owner name and password and then click on Connect.

	ACCOUNT_AGE_C	ACCOUNT_AGE_MULT_C	ACCOUNT_CLOSE_DATE	ACCOUNT_CONTRIB	ACCOUNT_CONTRIB_AFTER_TAX	ACCOUNT_GROUP_CD	ACCOUNT_NUMBER	ACCOUNT_OFFICER
1	1T		15-DEC-12	700000565	(null)	(null)	12135155	52
2	2T		10-MAR-12	700000568	(null)	(null)	121351858	56
3	3F		12-JAN-13	700000555	(null)	(null)	19145175	58
4	4F			700000556	(null)	(null)	08165255	52
5	5T			700000557	(null)	(null)	01265145	56
6	6F		12-JAN-13	700000558	(null)	(null)	19162519	58
7	7F		12-JAN-12	700000559	(null)	(null)	16518527	52
8	8T		12-JAN-13	700000560	(null)	(null)	29891511	52

Step-4 Session Log. Right click on session and select session log.

Severity	Timestamp	Node	Thread	Message Co...	Message
INFO	1/16/2013 3:44:17 PM	node01_mitest	READER_1_1_1	BLKR_16007	Reader run started.
INFO	1/16/2013 3:44:17 PM	node01_mitest	READER_1_1_1	RR_4010	SQ instance [SQTRANS] SQL Query [SELECT DIM_ACCOUNT.N_ACCT_SKEY, DIM_ACCOUNT.V_ACCOUNT_NUMBER, DIM_ACCOUNT.F_LATEST_RECORD_INDICATOR, DIM_ACCOUNT.D_RECORD_START_DATE, DIM_ACCOUNT.D_RECORD_END_DATE, DIM_ACCOUNT.FIC_MIS_DATE, DIM_ACCOUNT.N_ORIGINAL_LTV, DIM_ACCOUNT.N_ORIGINAL_DSR, DIM_ACCOUNT.N_ORIGINAL_BALANCE, DIM_ACCOUNT.V_SCORE_JOINING, DIM_ACCOUNT.V_JOINING_CREDIT_SCORE_BAND, DIM_ACCOUNT.V_ATT_REAS_CODE, DIM_ACCOUNT.N_AGE_ON_BOOK, DIM_ACCOUNT.V_HOUSEHOLD_REF_CODE, DIM_ACCOUNT.V_RELN_REF_CODE, DIM_ACCOUNT.V_PREV_ACCOUNT_NUMBER, DIM_ACCOUNT.D_VALUE_DATE, DIM_ACCOUNT.D_START_DATE, DIM_ACCOUNT.D_MATURITY_DATE, DIM_ACCOUNT.F_INTEREST_TYPE, DIM_ACCOUNT.F_ROLLOVER_TYPE, DIM_ACCOUNT.F_CLOSED_IND, DIM_ACCOUNT.F_ROLLOVER_IND, DIM_ACCOUNT.F_NEW_IND, DIM_ACCOUNT.F_JOINT_IND, DIM_ACCOUNT.F_SECURITY_STATUS, DIM_ACCOUNT.D_LAST_ACTIVITY_DATE, DIM_ACCOUNT.D_CLOSED_DATE, DIM_ACCOUNT.N_INT_ORIG_RATE, DIM_ACCOUNT.N_INT_BM_RATE, DIM_ACCOUNT.N_CREDIT_LIMIT_ORIG, DIM_ACCOUNT.V_CAMPAIN_ID, DIM_ACCOUNT.F_ATM_FACILITY, DIM_ACCOUNT.F_POS_FACILITY, DIM_ACCOUNT.F_TB_FACILITY, DIM_ACCOUNT.F_INTERNET_FACILITY, DIM_ACCOUNT.V_CONTRACT_CODE.

Severity	Timestamp	Node	Thread	Message Co...	Message
INFO	1/16/2013 3:44:17 PM	node01_mitest	WRITER_1_*_1	WRT_8168	End loading table [TRG_ACCOUNT_DETAILS] at: Wed Jan 16 15:44:17 2013
INFO	1/16/2013 3:44:17 PM	node01_mitest	WRITER_1_*_1	WRT_8035	Load complete time: Wed Jan 16 15:44:17 2013
					LOAD SUMMARY =====
					WRT_8036 Target: Branch_Grade (Instance Name: [Branch_Grade]) WRT_8038 Inserted rows - Requested: 8 Applied: 8 Rejected: 0 Affected: 8
					WRT_8036 Target: TRG_ACCOUNT_DETAILS (Instance Name: [TRG_ACCOUNT_DETAILS]) WRT_8038 Inserted rows - Requested: 8 Applied: 8 Rejected: 0 Affected: 8
INFO	1/16/2013 3:44:17 PM	node01_mitest	WRITER_1_*_1	WRT_8043	*****END LOAD SESSION*****
INFO	1/16/2013 3:44:17 PM	node01_mitest	WRITER_1_*_1	WRT_8006	Writer run completed.
INFO	1/16/2013 3:44:17 PM	node01_mitest	MANAGER	PETL_24031	***** RUN INFO FOR TGT LOAD ORDER GROUP [1], CONCURRENT SET [1] ***** Thread [READER_1_1_1] created for [the read stage] of partition point [SQTRANS] has

Target Summary	Load
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