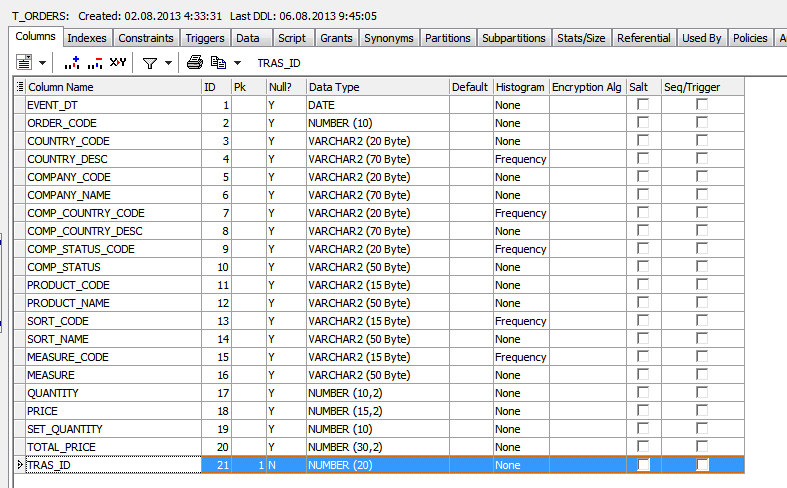
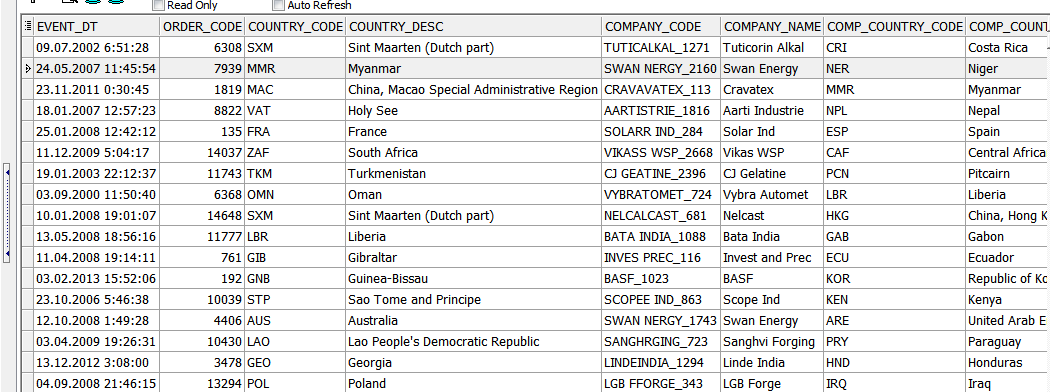
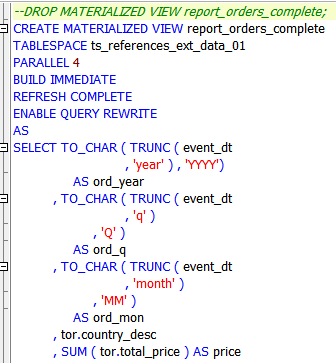
***Test data***

Test data – denormalized table, used for load into stage.

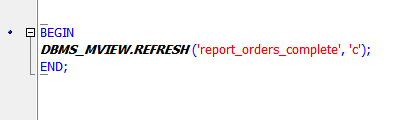


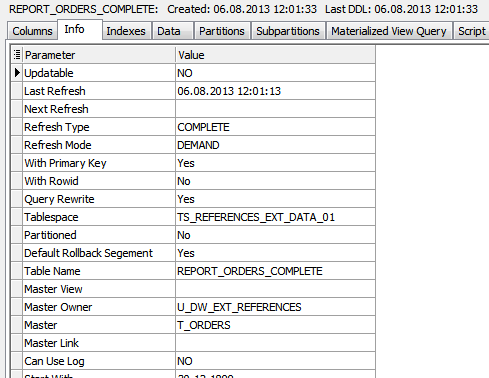


***Create Materialized Views - ON DEMAND***



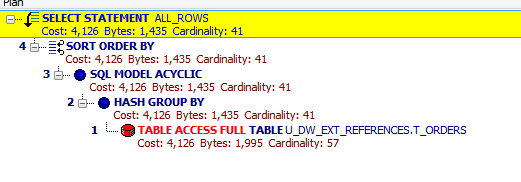
Refresh by command:



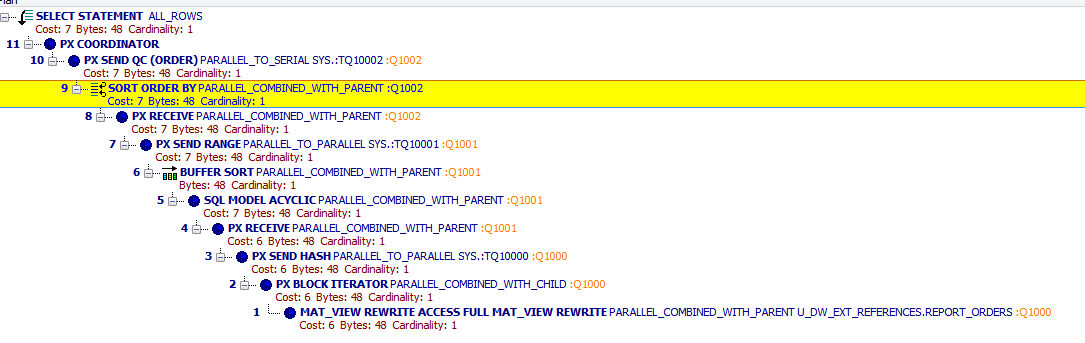


***Check rewrite***

|  |
| --- |
| alter session set query\_rewrite\_enabled = false;  alter session set query\_rewrite\_integrity = enforced; |

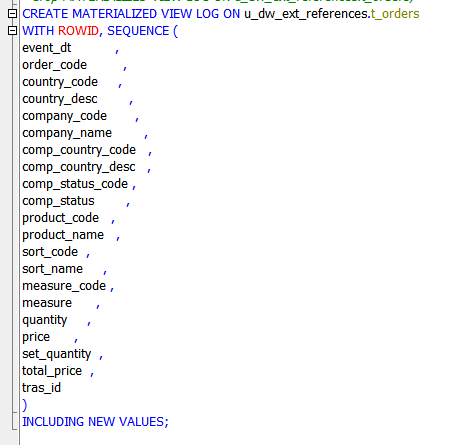


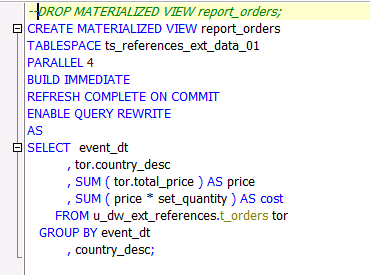
|  |
| --- |
| alter session set query\_rewrite\_enabled = true;  alter session set query\_rewrite\_integrity = enforced; |

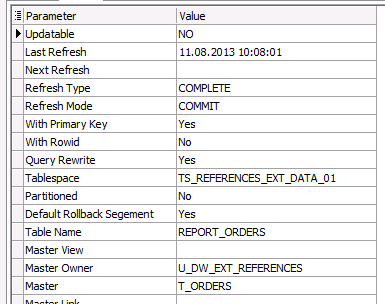


***Create Materialized Views - ON COMMIT***

Create Log

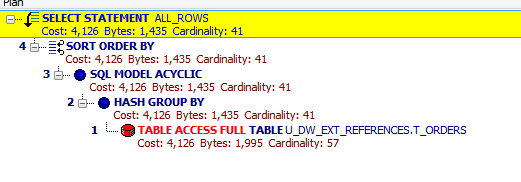




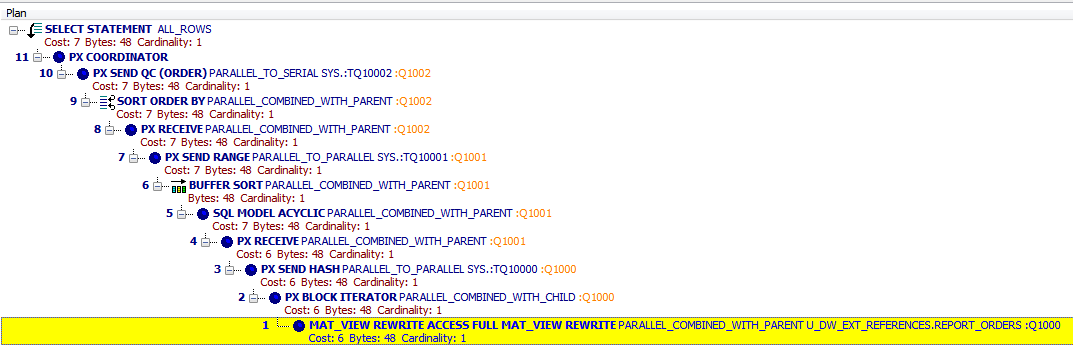


*Check rewrite*

|  |
| --- |
| alter session set query\_rewrite\_enabled = false;  alter session set query\_rewrite\_integrity = enforced; |



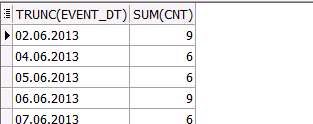
|  |
| --- |
| alter session set query\_rewrite\_enabled = true;  alter session set query\_rewrite\_integrity = enforced; |



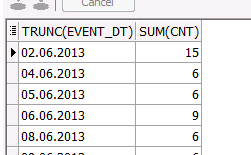
P.S.

Fast Refresh ON commit.   
Simple view build on u\_stg.t\_orders.

|  |
| --- |
| *--DROP MATERIALIZED VIEW LOG ON u\_stg.t\_orders;*  CREATE MATERIALIZED VIEW LOG ON u\_stg.t\_orders  WITH ROWID, SEQUENCE (event\_dt, order\_id )  INCLUDING NEW VALUES;  *--DROP MATERIALIZED VIEW last\_orders;*  CREATE MATERIALIZED VIEW last\_orders  TABLESPACE ts\_stg\_data\_01  PARALLEL 4  BUILD IMMEDIATE  REFRESH COMPLETE ON COMMIT  ENABLE QUERY REWRITE  AS  SELECT event\_dt, COUNT(DISTINCT order\_id) AS cnt  FROM u\_stg.t\_orders  WHERE event\_dt >= TO\_DATE ('01/06/2013','dd/mm/yyyy')  GROUP BY event\_dt; |

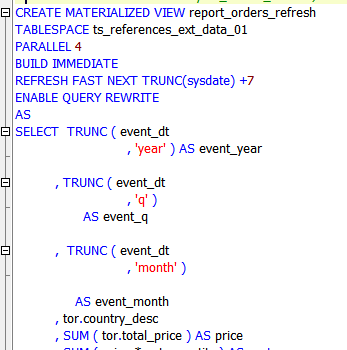


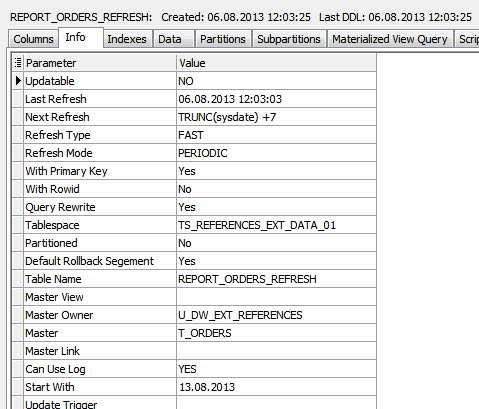
|  |
| --- |
| UPDATE t\_orders  SET event\_dt =  TO\_DATE ( '02/06/2013'  , 'dd/mm/yyyy' )  WHERE TRUNC ( event\_dt ) = TO\_DATE ( '07/06/2013'  , 'dd/mm/yyyy' );  COMMIT;  SELECT TRUNC ( event\_dt )  , SUM ( cnt )  FROM last\_orders  GROUP BY TRUNC ( event\_dt )  ORDER BY 1; |



***Create Materialized Views - Refreshing at definitive Time moment***

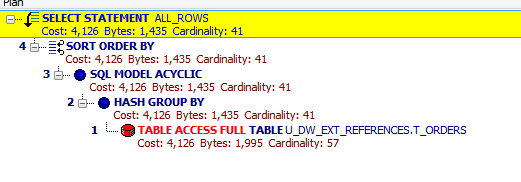
This materialize view uses the view log, created in previous paragraph.



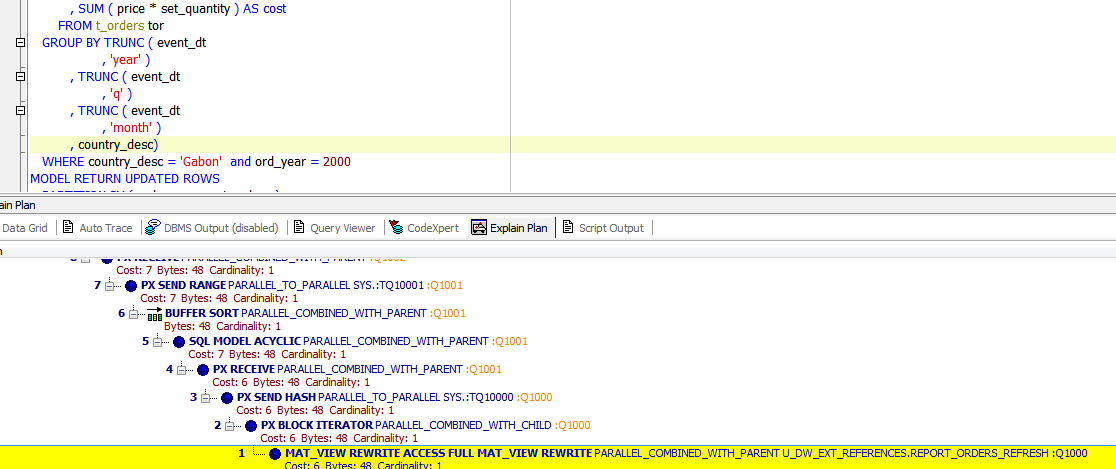


*Check rewrite*

|  |
| --- |
| alter session set query\_rewrite\_enabled = false;  alter session set query\_rewrite\_integrity = enforced; |



|  |
| --- |
| alter session set query\_rewrite\_enabled = true;  alter session set query\_rewrite\_integrity = enforced; |



|  |
| --- |
| alter session set query\_rewrite\_enabled = false;  alter session set query\_rewrite\_integrity = enforced; |