**Range Composite**

* Adding Partitions

CREATE TABLE range\_part

(

LNG\_ID NUMBER,

LNG\_3C\_CODE CHAR(20),

LNG\_2B\_CODE VARCHAR2(3),

LNG\_SCOPE\_ID NUMBER,

LNG\_TYPE\_ID NUMBER,

LNG\_DESC CHAR(200)

)

PARTITION BY RANGE (LNG\_TYPE\_ID)

(

PARTITION part\_1 VALUES LESS THAN (2),

PARTITION part\_2 VALUES LESS THAN (3),

PARTITION part\_3 VALUES LESS THAN (5),

PARTITION part\_4 VALUES LESS THAN (7)

);

--SELECT DISTINCT LNG\_TYPE\_ID FROM U\_DW\_REFERENCES.t\_languages;

--DROP TABLE range\_part;

INSERT INTO range\_part

SELECT

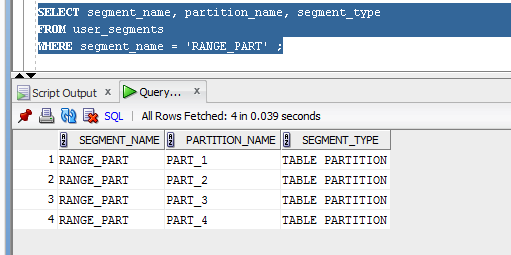
LNG\_ID,LNG\_3C\_CODE ,LNG\_2B\_CODE ,

LNG\_SCOPE\_ID,LNG\_TYPE\_ID,LNG\_DESC

FROM U\_DW\_REFERENCES.t\_languages

WHERE rownum < 200;

COMMIT;

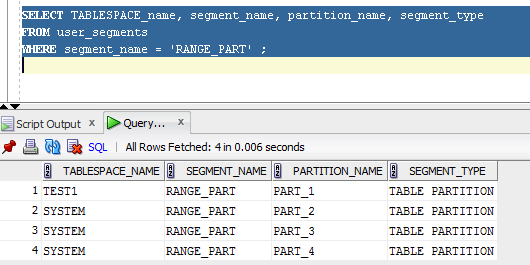


* Moving Partitions

CREATE TABLESPACE test1;

ALTER TABLE range\_part MOVE PARTITION part\_1

TABLESPACE test1 NOLOGGING;



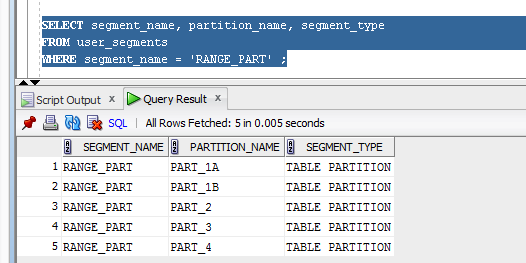
* Splitting Partitions

ALTER TABLE range\_part SPLIT PARTITION

part\_1 at (1) INTO

( PARTITION part\_1A,

PARTITION part\_1B);



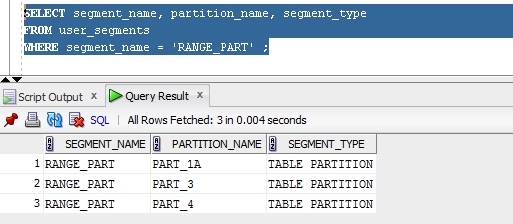
* Merging Partitions

ALTER TABLE range\_part MERGE PARTITIONS

part\_1, part\_2

INTO PARTITION part\_1A

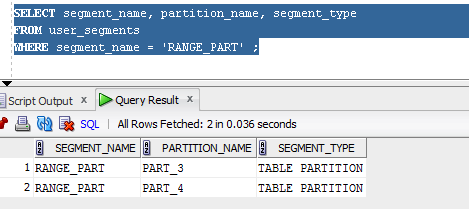
UPDATE INDEXES;



* Dropping Partitions

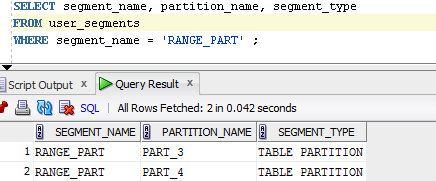
ALTER TABLE RANGE\_PART DROP PARTITION PART\_1A

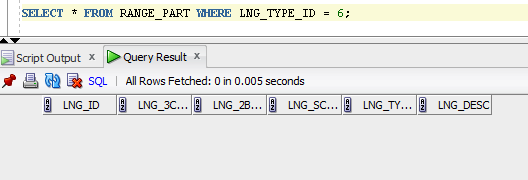
UPDATE INDEXES;



* Truncating Partitions

ALTER TABLE RANGE\_PART TRUNCATE PARTITION PART\_4;





**HASH**

* Adding Partitions

CREATE TABLE hash\_part

(

LNG\_ID NUMBER,

LNG\_3C\_CODE CHAR(20),

LNG\_2B\_CODE VARCHAR2(3),

LNG\_SCOPE\_ID NUMBER,

LNG\_TYPE\_ID NUMBER,

LNG\_DESC CHAR(200)

)

PARTITION BY HASH (LNG\_TYPE\_ID)

(

partition part\_1 tablespace TS\_PART\_1,

partition part\_2 tablespace TS\_PART\_2,

partition part\_3 tablespace TS\_PART\_3,

partition part\_4 tablespace TS\_PART\_4

);

--SELECT DISTINCT LNG\_TYPE\_ID FROM U\_DW\_REFERENCES.t\_languages;

--DROP TABLE hash\_part;

INSERT INTO hash\_part

SELECT

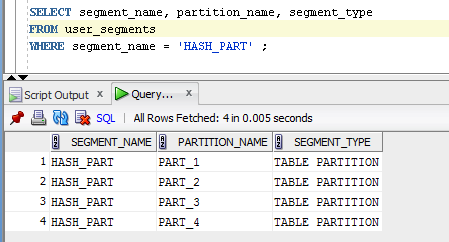
LNG\_ID,LNG\_3C\_CODE ,LNG\_2B\_CODE ,

LNG\_SCOPE\_ID,LNG\_TYPE\_ID,LNG\_DESC

FROM U\_DW\_REFERENCES.t\_languages

WHERE rownum < 200;

COMMIT;



* Coalescing Partitions

ALTER TABLE hash\_part COALESCE PARTITION;

