

Right outer join with group by : Outer Joins Left Right « Table Joins « Oracle PL/SQL Tutorial

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AdChoices

7.4.10.Right outer join with group by

```
SQL>
SQL>
SQL> create table employees(
 2 empno NUMBER(4)
 3 , ename VARCHAR2(8)
 4 , init VARCHAR2(5)
 5 , job VARCHAR2(8)
 6 , mgr NUMBER(4)
 7 , bdate DATE
 8 , msal NUMBER(6,2)
 9 , comm NUMBER(6,2)
10 , deptno NUMBER(2) );

Table created.

SQL>
SQL>
SQL> insert into employees values(1,'Jason', 'N', 'TRAINER', 2, date '1965-12-18', 800 , NULL, 10);

1 row created.

SQL> insert into employees values(2,'Jerry', 'J', 'SALESREP',3, date '1966-11-19', 1600, 300, 10);

1 row created.

SQL> insert into employees values(3,'Jord', 'T', 'SALESREP',4, date '1967-10-21', 1700, 500, 20);

1 row created.

SQL> insert into employees values(4,'Mary', 'J', 'MANAGER', 5, date '1968-09-22', 1800, NULL, 20);

1 row created.

SQL> insert into employees values(5,'Joe', 'P', 'SALESREP',6, date '1969-08-23', 1900, 1400, 30);

1 row created.

SQL> insert into employees values(6,'Black', 'R', 'MANAGER', 7, date '1970-07-24', 2000, NULL, 30);

1 row created.

SQL> insert into employees values(7,'Red', 'A', 'MANAGER', 8, date '1971-06-25', 2100, NULL, 40);

1 row created.

SQL> insert into employees values(8,'White', 'S', 'TRAINER', 9, date '1972-05-26', 2200, NULL, 40);

1 row created.

SQL> insert into employees values(9,'Yellow', 'C', 'DIRECTOR',10, date '1973-04-27', 2300, NULL, 20);

1 row created.

SQL> insert into employees values(10,'Pink', 'J', 'SALESREP',null,date '1974-03-28', 2400, 0, 30);

1 row created.

SQL>
SQL>
SQL> create table departments
 2 ( deptno NUMBER(2)
 3 , dname VARCHAR2(10)
 4 , location VARCHAR2(20)
 5 , mgr NUMBER(4)
 6 ) ;

Table created.

SQL>
SQL>
SQL> insert into departments values (10,'ACCOUNTING','NEW YORK' , 2);

1 row created.

SQL> insert into departments values (20,'TRAINING', 'VANCOUVER', 3);

1 row created.
```

```

SQL> insert into departments values (30,'SALES',      'CHICAGO',      4);

1 row created.

SQL> insert into departments values (40,'HR',        'BOSTON',        5);

1 row created.

SQL>
SQL>
SQL> select deptno, count(*)
2   from employees e
3   right outer join
4   departments d
5   using (deptno)
6  group by deptno;

  DEPTNO    COUNT(*)
-----
      30         3
      20         3
      40         2
      10         2

SQL>
SQL> drop table employees;

Table dropped.

SQL>
SQL> drop table departments;

Table dropped.

SQL>
SQL>

```



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