

Use * to reference all columns from a table : Table Alias « Table Joins « Oracle PL/SQL Tutorial

Home
Oracle PL/SQL
Tutorial

1. Introduction
2. Query Select
3. Set
4. Insert Update
Delete
5. Sequences
6. Table
7. **Table Joins**
8. View
9. Index
10. SQL Data Types
11. Character String
Functions
12. Aggregate
Functions
13. Date Timestamp
Functions
14. Numerical Math
Functions
15. Conversion
Functions
16. Analytical Functions
17. Miscellaneous
Functions
18. Regular
Expressions
Functions
19. Statistical
Functions
20. Linear Regression
Functions
21. PL SQL Data
Types
22. PL SQL
Statements
23. PL SQL Operators
24. PL SQL
Programming
25. Cursor
26. Collections
27. Function Procedure
Packages
28. Trigger
29. SQL PLUS
Session
Environment
30. System Tables
Data Dictionary
31. System Packages
32. Object Oriented
33. XML
34. Large Objects
35. Transaction
36. User Privilege

Oracle PL/SQL Tutorial » Table Joins » Table Alias

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7.2.7. Use * to reference all columns from a table

```
SQL>
SQL> CREATE TABLE EMP (EMPNO NUMBER(4) NOT NULL,
2          ENAME VARCHAR2(10),
3          JOB VARCHAR2(9),
4          MGR NUMBER(4),
5          HIREDATE DATE,
6          SAL NUMBER(7, 2),
7          COMM NUMBER(7, 2),
8          DEPTNO NUMBER(2));

SQL>
SQL> INSERT INTO EMP VALUES (7369, 'SMITH', 'CLERK', 7902, TO_DATE('17-DEC-1980', 'DD-MON-YYYY'), 800, NULL, 20);

1 row created.

SQL> INSERT INTO EMP VALUES (7499, 'ALLEN', 'SALESMAN', 7698, TO_DATE('20-FEB-1981', 'DD-MON-YYYY'), 1600, 300, 30);

1 row created.

SQL> INSERT INTO EMP VALUES (7521, 'WARD', 'SALESMAN', 7698, TO_DATE('22-FEB-1981', 'DD-MON-YYYY'), 1250, 500, 30);

1 row created.

SQL> INSERT INTO EMP VALUES (7566, 'JONES', 'MANAGER', 7839, TO_DATE('2-APR-1981', 'DD-MON-YYYY'), 2975, NULL, 20);

1 row created.

SQL> INSERT INTO EMP VALUES (7654, 'MARTIN', 'SALESMAN', 7698, TO_DATE('28-SEP-1981', 'DD-MON-YYYY'), 1250, 1400, 30);

1 row created.

SQL> INSERT INTO EMP VALUES (7698, 'BLAKE', 'MANAGER', 7839, TO_DATE('1-MAY-1981', 'DD-MON-YYYY'), 2850, NULL, 30);

1 row created.

SQL> INSERT INTO EMP VALUES (7782, 'CLARK', 'MANAGER', 7839, TO_DATE('9-JUN-1981', 'DD-MON-YYYY'), 2450, NULL, 10);

1 row created.

SQL> INSERT INTO EMP VALUES (7788, 'SCOTT', 'ANALYST', 7566, TO_DATE('09-DEC-1982', 'DD-MON-YYYY'), 3000, NULL, 20);

1 row created.

SQL> INSERT INTO EMP VALUES (7839, 'KING', 'PRESIDENT', NULL, TO_DATE('17-NOV-1981', 'DD-MON-YYYY'), 5000, NULL, 10);

1 row created.

SQL> INSERT INTO EMP VALUES (7844, 'TURNER', 'SALESMAN', 7698, TO_DATE('8-SEP-1981', 'DD-MON-YYYY'), 1500, 0, 30);

1 row created.

SQL> INSERT INTO EMP VALUES (7876, 'ADAMS', 'CLERK', 7788, TO_DATE('12-JAN-1983', 'DD-MON-YYYY'), 1100, NULL, 20);

1 row created.

SQL> INSERT INTO EMP VALUES (7900, 'JAMES', 'CLERK', 7698, TO_DATE('3-DEC-1981', 'DD-MON-YYYY'), 950, NULL, 30);

1 row created.

SQL> INSERT INTO EMP VALUES (7902, 'FORD', 'ANALYST', 7566, TO_DATE('3-DEC-1981', 'DD-MON-YYYY'), 3000, NULL, 20);

1 row created.

SQL> INSERT INTO EMP VALUES (7934, 'MILLER', 'CLERK', 7782, TO_DATE('23-JAN-1982', 'DD-MON-YYYY'), 1300, NULL, 10);

1 row created.

SQL>
SQL> CREATE TABLE DEPT (DEPTNO NUMBER(2), DNAME VARCHAR2(14), LOC VARCHAR2(13) );

Table created.

SQL>
SQL> INSERT INTO DEPT VALUES (10, 'ACCOUNTING', 'NEW YORK');

1 row created.

SQL> INSERT INTO DEPT VALUES (20, 'RESEARCH', 'DALLAS');

1 row created.

SQL> INSERT INTO DEPT VALUES (30, 'SALES', 'CHICAGO');

1 row created.
```

```
SQL> INSERT INTO DEPT VALUES (40, 'OPERATIONS', 'BOSTON');
```

```
1 row created.
```

```
SQL>
```

```
SQL>
```

```
SQL> select dept.*, empno, ename, job, mgr, hiredate, sal, comm
```

```
2 from emp, dept
```

```
3 where emp.deptno = dept.deptno
```

```
4 and dept.deptno = 10
```

```
5 /
```

DEPTNO	DNAME	LOC	EMPNO	ENAME	JOB
10	ACCOUNTING	NEW YORK	7782	CLARK	MANAGER
7839	09-JUN-81	2450			
10	ACCOUNTING	NEW YORK	7839	KING	PRESIDENT
	17-NOV-81	5000			
10	ACCOUNTING	NEW YORK	7934	MILLER	CLERK
7782	23-JAN-82	1300			
10	ACCOUNTING	NEW YORK	7782	CLARK	MANAGER
7839	09-JUN-81	2450			
10	ACCOUNTING	NEW YORK	7839	KING	PRESIDENT
	17-NOV-81	5000			
10	ACCOUNTING	NEW YORK	7934	MILLER	CLERK
7782	23-JAN-82	1300			

```
6 rows selected.
```

```
SQL> drop table emp;
```

```
Table dropped.
```

```
SQL>
```

```
SQL> drop table dept;
```

```
Table dropped.
```

```
SQL>
```

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7.2. Table Alias

7.2.1. [List table from two tables without indicating column owner](#)

7.2.2. [List table from two tables and specifying its column owner](#)

7.2.3. [Join tables and order by columns from different tables](#)

7.2.4. [Calculation between column from different tables](#)

7.2.5. [Join two tables and combine three tables](#)

7.2.6. [Supplying Table Aliases](#)

7.2.7. [Use * to reference all columns from a table](#)

7.2.8. [Reference column without table name during table join](#)

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