

POSTGRESQL - UPDATE QUERY

http://www.tutorialspoint.com/postgresql/postgresql_update_query.htm

Copyright © tutorialspoint.com

The PostgreSQL **UPDATE** Query is used to modify the existing records in a table. You can use WHERE clause with UPDATE query to update selected rows otherwise all the rows would be updated.

Syntax:

The basic syntax of UPDATE query with WHERE clause is as follows:

```
UPDATE table_name
SET column1 = value1, column2 = value2..., columnN = valueN
WHERE [condition];
```

You can combine N number of conditions using AND or OR operators.

Example:

Consider the table [COMPANY](#) having records as follows:

```
testdb# select * from COMPANY;
 id | name  | age | address      | salary
----+-----+----+-----+-----
  1 | Paul  |  32 | California   | 20000
  2 | Allen |  25 | Texas        | 15000
  3 | Teddy |  23 | Norway       | 20000
  4 | Mark  |  25 | Rich-Mond    | 65000
  5 | David |  27 | Texas        | 85000
  6 | Kim   |  22 | South-Hall   | 45000
  7 | James |  24 | Houston      | 10000
(7 rows)
```

Following is an example which would update ADDRESS for a customer, whose ID is 6:

```
testdb=# UPDATE COMPANY SET SALARY = 15000 WHERE ID = 3;
```

Now, COMPANY table would have the following records:

```
 id | name  | age | address      | salary
----+-----+----+-----+-----
  1 | Paul  |  32 | California   | 20000
  2 | Allen |  25 | Texas        | 15000
  4 | Mark  |  25 | Rich-Mond    | 65000
  5 | David |  27 | Texas        | 85000
  6 | Kim   |  22 | South-Hall   | 45000
  7 | James |  24 | Houston      | 10000
  3 | Teddy |  23 | Norway       | 15000
(7 rows)
```

If you want to modify all ADDRESS and SALARY column values in COMPANY table, you do not need to use WHERE clause and UPDATE query would be as follows:

```
testdb=# UPDATE COMPANY SET ADDRESS = 'Texas', SALARY=20000;
```

Now, COMPANY table will have the following records:

```
 id | name  | age | address | salary
----+-----+----+-----+-----
  1 | Paul  |  32 | Texas   | 20000
  2 | Allen |  25 | Texas   | 20000
  4 | Mark  |  25 | Texas   | 20000
  5 | David |  27 | Texas   | 20000
  6 | Kim   |  22 | Texas   | 20000
```

7		James		24		Texas		20000
3		Teddy		23		Texas		20000

(7 rows)