

POSTGRESQL - DELETE QUERY

The PostgreSQL **DELETE** Query is used to delete the existing records from a table. You can use WHERE clause with DELETE query to delete selected rows, otherwise all the records would be deleted.

Syntax:

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

```
DELETE FROM table_name  
WHERE [condition];
```

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

Example:

Consider the table COMPANY having records as follows:

```
# 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 DELETE a customer whose ID is 7:

```
testdb=# DELETE FROM COMPANY WHERE ID = 2;
```

Now, COMPANY table will have the following records:

```
+-----+-----+-----+-----+  
| id | name | age | address | salary  
+-----+-----+-----+-----+  
| 1  | Paul  | 32  | California | 20000  
| 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  
(6 rows)
```

If you want to DELETE all the records from COMPANY table, you do not need to use WHERE clause with DELETE queries, which would be as follows:

```
testdb=# DELETE FROM COMPANY;
```

Now, COMPANY table does not have any record because all the records have been deleted by DELETE statement.