

POSTGRESQL - COUNT FUNCTION

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

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PostgreSQL **COUNT** function is the simplest function and very useful in counting the number of records, which are expected to be returned by a SELECT statement.

To understand **COUNT** function 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)
```

Now suppose based on the above table you want to count total number of rows in this table, then you can do it as follows:

```
testdb=# SELECT COUNT(*) FROM COMPANY ;
```

Above PostgreSQL statement will produce the following result:

```
count
-----
      7
(1 row)
```

Similarly, you want to count the number of records for Paul, then it can be done as follows:

```
testdb=# SELECT COUNT(*) FROM COMPANY WHERE name='Paul';
```

```
count
-----
      1
(1 row)
```