

POSTGRESQL - LIMIT CLAUSE

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

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The PostgreSQL **LIMIT** clause is used to limit the data amount returned by the **SELECT** statement.

Syntax:

The basic syntax of **SELECT** statement with **LIMIT** clause is as follows:

```
SELECT column1, column2, columnN
FROM table_name
LIMIT [no of rows]
```

Following is the syntax of **LIMIT** clause when it is used along with **OFFSET** clause:

```
SELECT column1, column2, columnN
FROM table_name
LIMIT [no of rows] OFFSET [row num]
```

LIMIT and **OFFSET** allow you to retrieve just a portion of the rows that are generated by the rest of the query.

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 limits the row in the table according to the number of rows you want to fetch from table:

```
testdb=# SELECT * FROM COMPANY LIMIT 4;
```

This would produce the following result:

```
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
(4 rows)
```

But in certain situation you may need to pick up a set of records from a particular offset. Here is an example which picks up 3 records starting from 3rd position:

```
testdb=# SELECT * FROM COMPANY LIMIT 3 OFFSET 2;
```

This would produce the following result:

```
id | name  | age | address    | salary
---+-----+----+-----+-----
 3 | Teddy | 23  | Norway     | 20000
```

4		Mark		25		Rich-Mond		65000
5		David		27		Texas		85000

(3 rows)