

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)				