

POSTGRESQL - ARRAY FUNCTION

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

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PostgreSQL **ARRAY_AGG** function is used to concatenate the input values including null into an array.

To understand **ARRAY_AGG** 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 use the ARRAY_AGG, you can do so by using the following command:

```
testdb=# SELECT ARRAY_AGG(SALARY) FROM COMPANY;
```

Above PostgreSQL statement will produce the following result:

```
array_agg
-----
{20000, 15000, 20000, 65000, 85000, 45000, 10000}
```