

POSTGRESQL ARRAY FUNCTIONS

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}
```