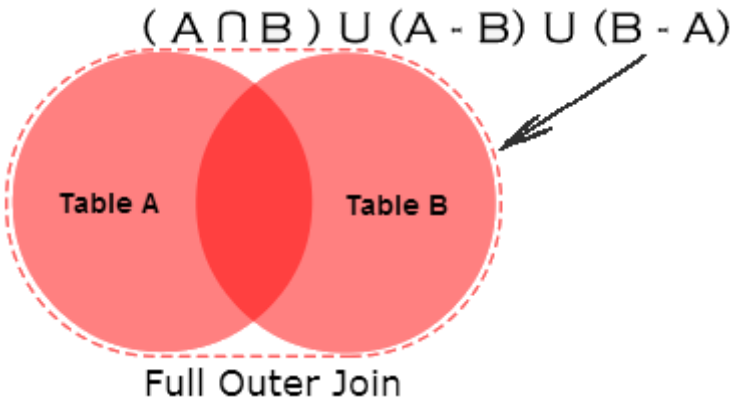
SQL FULL JOIN

SQL FULL JOIN (FULL OUTER JOIN) always contains all records of left table (Table A) and right table (Table B) even of join condition does not find any matching record in both left or right table. Returned result contains set NULL value for all column that are lack of value in matching rows.



Example Table

Considering following SQL FULL JOIN example, `category`, `product` is our example table.

```
SQL> SELECT * FROM category;
```

CATEGORY_ID	CATEGORY_NAME
1	Mobiles
2	Laptops
3	Laptops
4	Cameras
5	Gaming

```
SQL> SELECT * FROM product;
```

CATEGORY_ID	PRODUCT_NAME
1	Nokia
1	Samsung
2	HP
2	Dell
3	Apple
4	Nikon
Null	Playstation

Run it... »

Example

```
SQL> SELECT *
    FROM product FULL OUTER JOIN category
    ON product.category_id = category.category_id;

CATEGORY_ID PRODUCT_NAME              CATEGORY_ID CATEGORY_NAME
----------- ------------------------- ----------- -------------------------
          1 Samsung                             1 Mobiles
          1 Nokia                               1 Mobiles
          2 Dell                                2 Laptops
          2 HP                                  2 Laptops
          3 Apple                               3 Tablet
          4 Nikon                               4 Cameras
       NULL Playstation                      NULL NULL
       NULL NULL                                5 Gaming

8 rows selected.
```