

# JOIN

- description : JOIN
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- lastupdate : 2020-03-17

- <https://www.codeproject.com/Articles/33052/Visual-Representation-of-SQL-Joins>

- SQL 가
- SQL JOIN 7 가
- 가 7 , , , , , , ,
- . SQL JOIN
- 가 (가) JOIN ).
- 

## Using the code

- 7 가 7 가
- 1.INNER JOIN
- 2.LEFT JOIN
- 3.RIGHT JOIN
- 4.OUTER JOIN
- 5.LEFT JOIN EXCLUDING INNER JOIN
- 6.RIGHT JOIN EXCLUDING INNER JOIN
- 7.OUTER JOIN EXCLUDING INNER JOIN
- 5, 6, 7 LEFT EXCLUDING JOIN, RIGHT EXCLUDING JOIN  
OUTER EXCLUDING JOIN . 5, 6 7  
SQL  
( WHERE ) .

## INNER JOIN

• 가

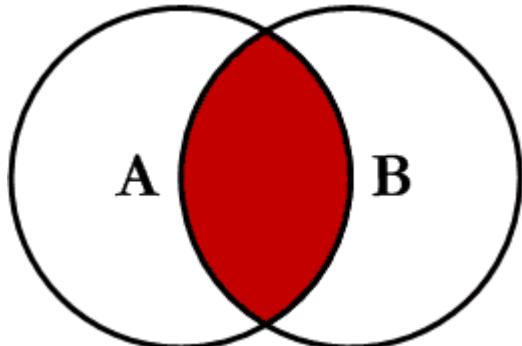
가

가

( A)

.

B)



```
SELECT <select_list>
FROM Table_A A
INNER JOIN Table_B B
ON A.Key = B.Key
```

## Left JOIN

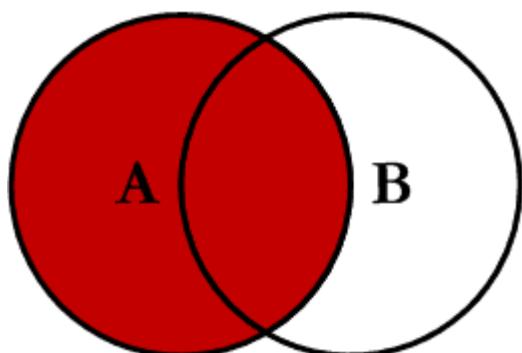
•

( A)

(

B)

가



```
SELECT <select_list>
FROM Table_A A
LEFT JOIN Table_B B
ON A.Key = B.Key
```

## Right JOIN

•

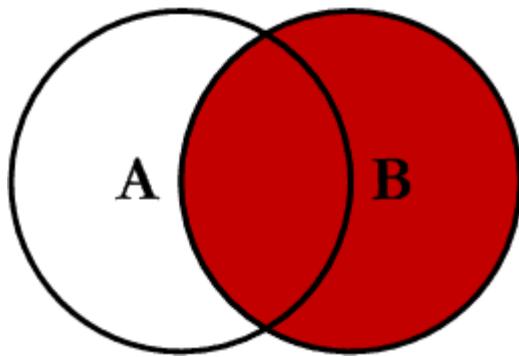
B)

(

A)

가

(

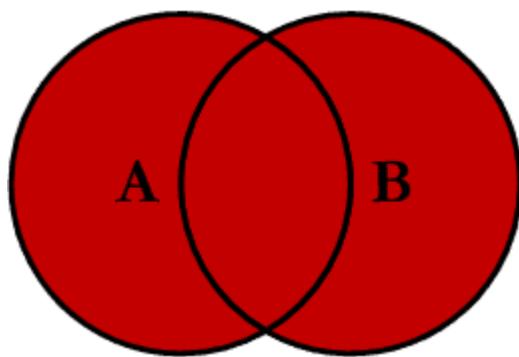


```
SELECT <select_list>
FROM Table_A A
RIGHT JOIN Table_B B
ON A.Key = B.Key
```

# Outer JOIN

- a FULL OUTER JOIN      a                            FULL JOIN.  

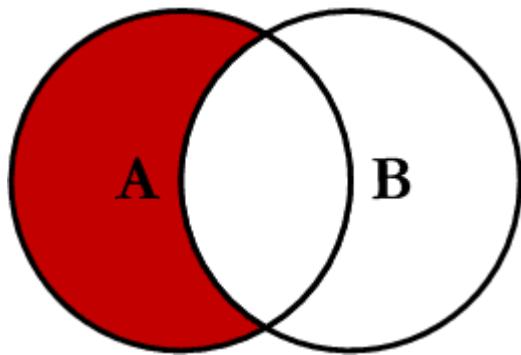
$$(A \cup B) = A \cup (B - A)$$



```
SELECT <select_list>
FROM Table_A A
FULL OUTER JOIN Table_B B
ON A.Key = B.Key
```

# Left Excluding JOIN

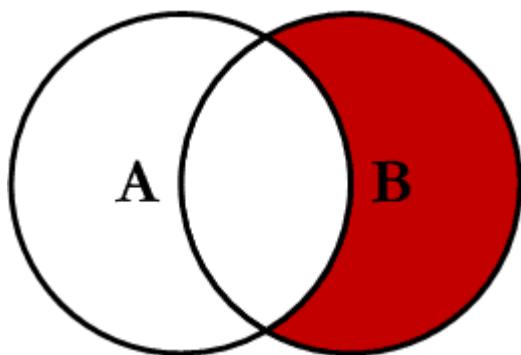
- ( B) ( A)



```
SELECT <select_list>
FROM Table_A A
LEFT JOIN Table_B B
ON A.Key = B.Key
WHERE B.Key IS NULL
```

## Right Excluding JOIN

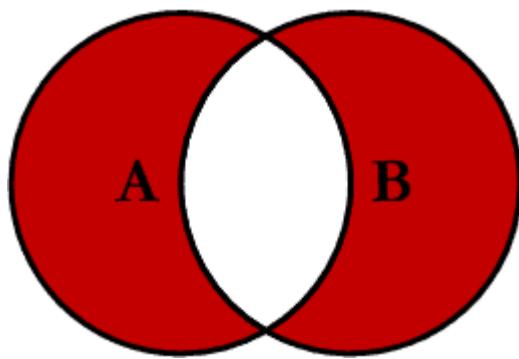
• ( A ) ( B )



```
SELECT <select_list>
FROM Table_A A
RIGHT JOIN Table_B B
ON A.Key = B.Key
WHERE A.Key IS NULL
```

## Outer Excluding JOIN

• ( A ) ( B ) Join 가



```
SELECT <select_list>
FROM Table_A A
FULL OUTER JOIN Table_B B
ON A.Key = B.Key
WHERE A.Key IS NULL OR B.Key IS NULL
```

## Ref

- [/SQL](#)  
[, join](#)

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