JOIN

- description : JOIN
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- https://www.codeproject.com/Articles/33052/Visual-Representation-of-SQL-Joins

- SQL
  .
- SQL JOIN   .
                           7   .
-            7   ,   ,   ,   ,   ,
           ,   ,   .

-                             .   .   SQL JOIN
                                   .
-   (JOIN
).
-   .

Using the code

-                                       7   .
                        .   7   .
  - 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

- .   (B)
  (A)   .
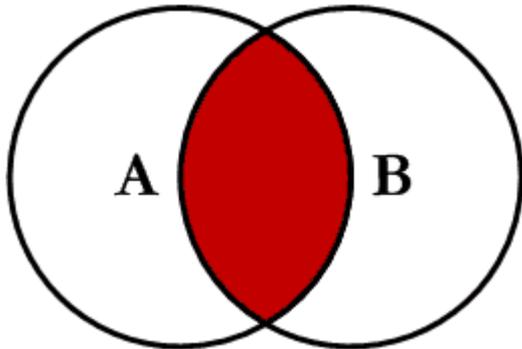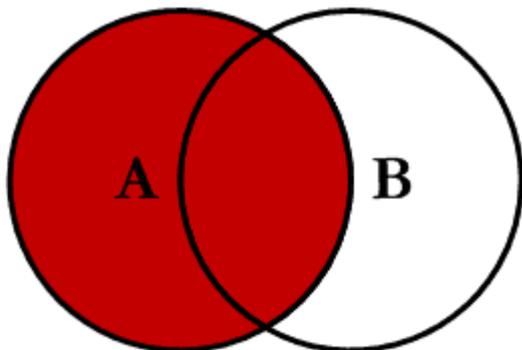 .


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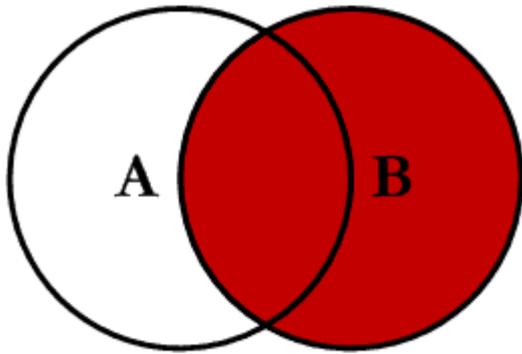
Left JOIN

- (B)
  (A)   .


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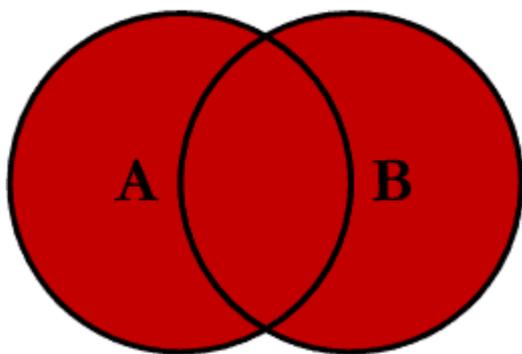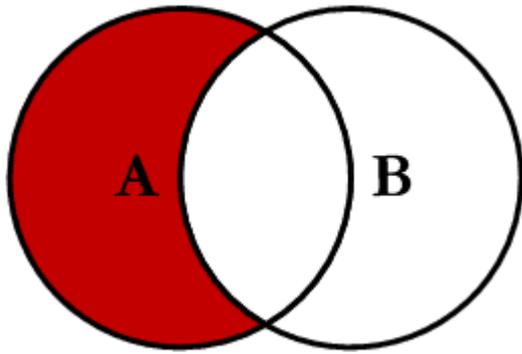
Right JOIN

- (A)   (
  B)   .   .

```
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.
  (B) (A)


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

Left Excluding JOIN
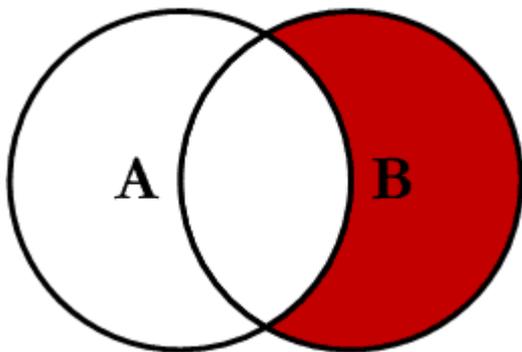
- (B) (A)
  .

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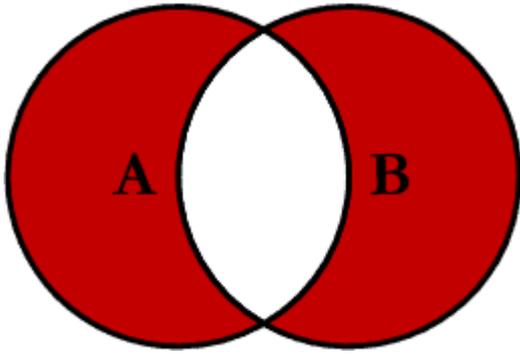
Right Excluding JOIN

- (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
  .

```
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](#)