

Interrogation de base de données

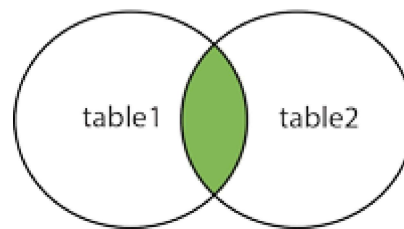
Requêtes de sélection

Simple	SELECT attribut FROM table
Avec filtre	SELECT attribut FROM table WHERE attribut = " ... "
Avec tri	SELECT attribut FROM table ORDER BY attribut ASC
Suppression des doublons	SELECT DISTINCT attribut FROM table
Avec jointure	SELECT attribut FROM table1, table2 WHERE table1.attribut = table2.attribut
Multiple	
Requêtes imbriquées	SELECT * FROM table1 WHERE ID=(SELECT ID FROM table2 WHERE attribut = " ... ")
Requêtes sélection multi-tables	SELECT * FROM table1,table2 WHERE table1.ID = table2.IDREF AND attribut = " ... "
Avec regroupement	SELECT ... FROM table GROUP BY attribut HAVING...
Champs calculés/ Fonctions de MySQL	MIN (x), MAX (x), AVG (x), SUM (x), COUNT (x)...

Les jointures internes

INNER JOIN

INNER JOIN

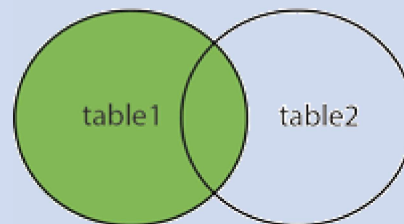


```
SELECT ...  
FROM table1  
INNER JOIN table2 ON table1.ID = table2.IDREF
```

Les jointures externes

LEFT OUTER JOIN

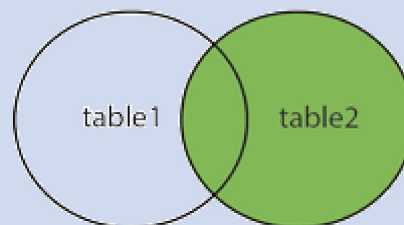
LEFT JOIN



```
SELECT ...  
FROM table1  
LEFT OUTER JOIN table2 ON table1.ID = table2.IDREF
```

RIGHT OUTER JOIN

RIGHT JOIN



```
SELECT ...  
FROM table1  
RIGHT OUTER JOIN table2 ON table1.ID = table2.IDREF
```

Requêtes ensemblistes

Union

```
SELECT attribut FROM table1  
UNION
```

Intersection

```
SELECT attribut FROM table2  
SELECT attribut FROM table1  
WHERE attribut IN (SELECT attribut FROM table2)
```

Différence

```
SELECT attribut FROM table1  
WHERE attribut NOT IN (SELECT attribut FROM table2)
```

Produit cartésien

```
SELECT * FROM table1,table2
```