

LEXIQUE SQL STANDARD

INTERROGATION D'UNE BASE

Syntaxe générale	SELECT... FROM... WHERE... GROUP BY... HAVING... ORDER BY...;
Projection	SELECT [DISTINCT] expr1 [AS nom1], expr2 [AS nom2],... FROM table1 [alias1], table2 [alias2],...
Restriction	WHERE expr1 = / < / < / > / <= / >= expr2
	WHERE expr1 BETWEEN expr2 AND expr3
	WHERE expr1 [NOT] LIKE chaîne1
	WHERE expr1 [NOT] IN (expr2, expr3, ...)
	WHERE expr1 IS [NOT] NULL
	AND / OR prédicat
Jointures naturelles	SELECT expr1, expr2,... FROM table1, table2 WHERE table1.champ1 = table2.champ2
Agrégats	SELECT [expr1], ..., SUM (expr2) [AS nom2]
	SELECT [expr1], ..., MAX (expr2) [AS nom2]
	SELECT [expr1], ..., MIN (expr2) [AS nom2]
	SELECT [expr1], ..., AVG (expr2) [AS nom2]
	SELECT [expr1], ..., COUNT (*) [AS nom2]
Regroupement	GROUP BY expr1, expr2,...
	HAVING prédicat
Classement	ORDER BY expr1 [ASC / DESC], expr2 [ASC / DESC],...
Intersection	WHERE table1.champ1 IN (SELECT table1.champ1 ...);
Différence	WHERE table1.champ1 NOT IN (SELECT table1.champ1 ...);
Union	Requête 1 UNION Requête 2

ACTIONS SUR LES TUPLES

Suppression	DELETE FROM TABLE 1 WHERE Prédicat ;
Insertion	INSERT INTO table [(champ1, champ2,...)] VALUES (val1, val2,...) ;
	INSERT INTO table [(champ1, champ2,...)] Requête
Mise à jour	UPDATE table SET champ1 = expr1, champ2 = expr2,... WHERE prédicat

Tout élément entre crochets est facultatif.