

## Le langage SQL

### LDD : langage de définition de données

```
CREATE DATABASE [IF NOT EXISTS] db_name [create_specification]
CREATE DATABASE db_name DEFAULT CHARACTER SET latin1 COLLATE latin1_swedish_ci;
DROP DATABASE [IF EXISTS] db_name
ALTER DATABASE db_name alter_specification [, alter_specification] ...
CREATE [TEMPORARY] TABLE [IF NOT EXISTS] tbl_name [(create_definition(1),...)]
[table_options(2)]
(1):col_name type [NOT NULL | NULL] [DEFAULT default_value] [AUTO_INCREMENT]
[[PRIMARY] KEY] [reference_definition]
(2):ENGINE=MyISAM DEFAULT CHARSET=latin1 COLLATE=latin1_general_ci
RENAME TABLE nom_de_table TO nouveau_nom_de_table
DROP TABLE tbl_name
```

### LMD : langage de manipulation de données

```
INSERT [INTO] tbl_name [(col_name,...)] VALUES ({expr | DEFAULT},...)
UPDATE tbl_name SET col_name1=expr1 [,col_name2=expr2 ...][WHERE where_definition]
[LIMIT row_count]
DELETE FROM table_name[WHERE where_definition] [LIMIT row_count]
SELECT [DISTINCT] select_expression,... FROM table_references [WHERE
where_definition] [ORDER BY {unsigned_integer | nom_de_colonne} [ASC |
DESC] ,...] [LIMIT [offset,] lignes]
SELECT concat(Nom, ' ', Prenom) as Gens FROM Personne ORDER BY 1
Opérateurs dans un WHERE :=, <=>, <, >, !=, >=, <=, <>, BETWEEN, IN, NOT IN, IS NULL,
IS NOT NULL, LIKE '...%'
INSERT [INTO] tbl_name [(col_name,...)] SELECT ...
UPDATE tbl_name [, tbl_name ...] SET col_name1=expr1 [,col_name2=expr2 ...]
[WHERE where_definition]
SELECT * FROM table1 INNER JOIN table2 ON table1.cle_primaire =
table2.cle_etrangere
```