

Diagram illustrating the grammar rules for SQL queries, structured into sections for different query components.

### SELECT Clause

- select\_list**: A list of **select\_item** separated by commas.
- select\_item**: Can be a **quoted string**, **NUMERIC**, **NUMBER\_VALUE**, **DOT**, **<integer value>**, **<identifier>**, **<identifier> ( <integer value> )**, **<identifier> ( <integer value> . <integer value> )**, **<identifier> ( DOT <integer value> )**, **<identifier> ( DOLLAR <integer value> )**, **<identifier> ( DOT <identifier> )**, **<identifier> ( DOT <MULTIPLY <integer value> )**, **TRUE**, **FALSE**, **USER**, or **MULTIPLY**.

### FROM Clause

- from\_clause**: **from** followed by **current** or **table**.
- current**: **CURRENT** followed by **TO** and a list of time units (YEAR, MONTH, DAY, HOUR, MINUTE, SECOND, FRACTION).
- table**: **TO** followed by a list of time units (YEAR, MONTH, DAY, HOUR, MINUTE, SECOND, FRACTION).

### WHERE Clause

- where\_clause**: **WHERE** followed by **sql\_value\_expression**.

### GROUP BY Clause

- group\_by\_clause**: **GROUP BY** followed by a list of **sql\_value\_expression**.

### HAVING Clause

- having\_clause**: **HAVING** followed by **sql\_value\_expression**.

### ORDER BY Clause

- order\_by\_clause**: **ORDER BY** followed by a list of **sql\_value\_expression**.

### SQL Statement

- sql\_statement**: **SELECT** followed by **select\_list**, **from\_clause**, **where\_clause**, **group\_by\_clause**, **having\_clause**, and **order\_by\_clause**.

