

The flowchart illustrates the execution logic for SQL statements involving variables. It is organized into several main sections, each corresponding to a different SQL construct:

- EXECUTE Statement:** This section shows the path for a standard `EXECUTE` statement. It starts with an `EXECUTE` node, which leads to a block containing six options for variable resolution: `_variable attribute`, `_variable attributes`, `_variable`, `variable attribute`, `variable attributes`, and `variable`. These options converge into a single path that leads to an `identifier` node. From the `identifier`, the flow proceeds through a `(` parenthesis, then a choice between `character-string` and `[variable]`, and finally a `)` parenthesis, leading to an `EXECUTE` node.
- EXECUTE IMMEDIATE Statement:** This section shows the path for an `EXECUTE IMMEDIATE` statement. It starts with an `EXECUTE IMMEDIATE` node, which leads to a block containing six options for variable resolution: `_variable attribute`, `_variable attributes`, `_variable`, `variable attribute`, `variable attributes`, and `variable`. These options converge into a single path that leads to an `identifier` node. From the `identifier`, the flow proceeds through a `(` parenthesis, then a choice between `character-string` and `[variable]`, and finally a `)` parenthesis, leading to an `EXECUTE IMMEDIATE` node.
- USING Clause:** This section shows the path for the `USING` clause. It starts with a `USING` node, which leads to a `[variable_list]` node. The flowchart details the logic for resolving variables in the list, including paths for `THROUGH` and `THRU` keywords, and for `$` and `:` placeholders.
- INTO Clause:** This section shows the path for the `INTO` clause. It starts with an `INTO` node, which leads to a `[variable_list]` node. The flowchart details the logic for resolving variables in the list, including paths for `THROUGH` and `THRU` keywords, and for `$` and `:` placeholders.

The flowchart uses a combination of rectangular nodes for statements and clauses, and oval nodes for identifiers and variable lists. Arrows indicate the flow of execution from one step to the next, showing the complex interplay between different parts of the SQL statement and the database engine's internal logic.