

The diagram illustrates the execution of a SQL query, showing the relationship between the query plan (left) and the resulting data structures (right).

Query Plan (Left):

- The query starts with a **load_table** operation: `load_table("patient",["id"]) SELECT id FROM patient`.
- This is followed by a **cardinality** operation: `cardinality(x1to1)`.
- The result is then flattened: `flatten()`.
- The flattened result is used in an **output** operation: `output()`.
- The output is then used in a **column** operation: `column(1)`.
- The final result is a **head** of the column.

Data Structures (Right):

- BlockOf x1to1**: A block of data, represented by a dashed oval.
- EntityShape DATABASE**: A data structure representing the database schema.
- TupleOf**: A tuple of data, represented by a dashed oval.
- Int32**: A 32-bit integer value.
- String**: A string value.

The diagram shows how the query plan is executed, with data flowing from the database through various operations to produce the final result. The right side shows the corresponding data structures and their values, such as `BlockOf x1to1`, `EntityShape DATABASE`, `TupleOf`, `Int32`, and `String`.