

# Window Operator

## SQL Syntax

Examples can be found in the unit tests (query\_optimizer/tests/execution\_generator/Select.test)

```
SELECT sum(avg(int_col) OVER w) FROM test
WINDOW w AS
(PARTITION BY char_col
ORDER BY long_col
ROWS BETWEEN UNBOUNDED PRECEDING AND CURRENT ROW);
```

## Explanation

Each window query will have an OVER keyword which can immediately reference a WINDOW clause or immediately define the WINDOW clause.

## Limitations

At the time of writing, the only supported aggregation is AVG.

This is implemented in a single thread mode. There has not been an attempt to make it support multithreaded environments.



window-query-plan.svg