

Timer transport handler

The timer transport handler can be used as a periodic data source, which either sends the system time or the time passed since the query started. Can be used with the [Command operator](#). Attribute with the output value is called "time". The timer can e.g. be used for testing purposes or to trigger some processing e.g. with [DBEnrich operator](#).

Options

- **period**: The period in milliseconds, if this is set to value below 0 there will be only one event. This can be used e.g. for an initialization query that should only be runned one time.
- **timefromstart**: If set to true, start from 0 (from Jan 1th 1970). If set to false, uses the current time. (Default: false)

Commands

- **setperiod**
 - Sets a new period for the timer.
 - **period** parameter: The new period to be set. Must be a number type (long, double...).

Example

PQL

Example

```
input = ACCESS({source='Source',
wrapper='GenericPush',
transport='Timer',
protocol='None',
dataHandler='Tuple',
options=[['period', '1000'], ['timefromstart', 'true'],
schema=[['time', 'Timestamp']]
})
```

or shorter:

```
input = TIMER({PERIOD = 1000, TIMEFROMSTART = true, SOURCE = 'Source'})
```

CQL

Example

```
CREATE STREAM source (time Timestamp)
  WRAPPER 'GenericPush'
  PROTOCOL 'None'
  TRANSPORT 'Timer'
  DATAHANDLER 'Tuple'
  OPTIONS ( 'period' '1000')
```

There is a short form of this operator:

```
timer = TIMER({PERIOD = 1000, SOURCE = 'timerSource'})
```