

SASE operator

This operator allows to define temporal pattern to match against the stream. For this purpose we use the [SASE+](#) query language. The query is expressed in the parameter *query*. The used source has to be of the correct type (for the examples s05 and s08). If the *type* of the source is not set or wrong it can be set using the [Rename Operator](#). The parameter *heartbeatrate* defines how often a heartbeat should be generated if an element is processed but didn't yield a processing result.

Parameter

- *heartbeatrate*: The rate to generate heartbeats if an element was processed without given a result.
- *query* (required): The [SASE+](#) query
- *OneMatchPerInstance*
- *schema* (required): The output schema of the created event (see [Access Operator](#) for an example)
- *type* (required): The type of the created event

Example

```
#PARSER PQL
#RUNQUERY
out = SASE({
  query = 'PATTERN SEQ(person p, bid b) WHERE skip_till_next_match(p,b){p.id = b.bidder, b.price > 200}
RETURN p.id, p.name, b.price',
  schema=[['id','Integer'],['name','String'],['price','double']],
  type='PersonEvent1'
} ,
person,
bid
)
```