

# AssociativeStorage operator

The AssociativeStorage operator stores streaming data in an associative storage.

## Parameter

- **StorageName:** The unique name of the associative storage.
- **Hierarchy:** The names of the attributes in the schema holding this information during runtime and as thus, the depth of the hierarchy of the storage.
- **Index:** The names of the attributes holding the values for the index during runtime and as thus, the dimension of the associative storage. Two and three dimensional storages are currently supported.
- **Size:** The size of the associative storage in each dimension. Currently, 2 oder 3 dimensions are supported.
- **Value:** The name of the attribute in the schema holding the value that should be stored in the associative storage.

## Example

### AssociativeStorage example

```
storage = ASSOCIATIVESTORAGE({
  storageName='MyStorage',
  hierarchy=['house', 'household'],
  index=['time', 'day'],
  sizes=[288,7],
  value='value'
}, in)
```