

Miscellaneous Functions

UUID()

Returns a Universal Unique Identifier (UUID).

UUID Example

```
SELECT uuid() AS uuid FROM stream
=> 64c82e4c-7314-45e2-8ee2-c7283f6dbb74
```

Hash(Object o)

Returns the hash value of an object

Hash Example

```
SELECT hash(value) AS hash FROM stream
=> 1402455053
```

Eval(String s)

Evaluates arbitrary expressions.

Eval Example

```
SELECT eval("2+3") as result FROM stream
=> 5
```

Sleep(Number time)

Causes the currently executing operator to sleep for the specified number of milliseconds.

elf(Expression e, Object true, Object false)

Returns the first Object if the expression evaluates to true else the second Object.

elf Example

```
SELECT elf(1>0, "Greater than 0", "Lower or equal") AS result FROM stream
=> Greater than 0
```

Read(String path)

Reads the content of an arbitrary file and returns the content as a string.

Mem()

Returns the current used memory by the Java Virtual Machine in bytes.

Mem Example

```
SELECT mem() AS mem FROM stream
=> 230445616
```

Load()

- UUID()
- Hash(Object o)
- Eval(String s)
- Sleep(Number time)
- elf(Expression e, Object true, Object false)
- Read(String path)
- Mem()
- Load()
- Uptime()
- storedLine(String storage, Vector hierarchy, Vector row)
- storedValue(String storage, Vector hierarchy, Vector row)

Returns the current system load average for the last minute.

Load Example

```
SELECT load() AS load FROM stream  
=> 2.77
```

Uptime()

returns the uptime of the Java Virtual Machine in milliseconds.

Uptime Example

```
SELECT uptime() AS uptime FROM stream  
=> 481030
```

storedLine(String storage, Vector hierarchy, Vector row)

Returns the line stored in an [associative storage](#) given by the first parameter at the hierarchy given by the second parameter at the row given by the third parameter.

```
SELECT storedLine("Storage", [123, 456], [3]) AS line FROM stream  
=> [0,1,0,1,0]
```

storedValue(String storage, Vector hierarchy, Vector row)

Returns the value stored in an [associative storage](#) given by the first parameter at the hierarchy given by the second parameter at the row given by the third parameter.

```
SELECT storedValue("Storage", [123, 456], [3,2]) AS value FROM stream  
=> 0
```