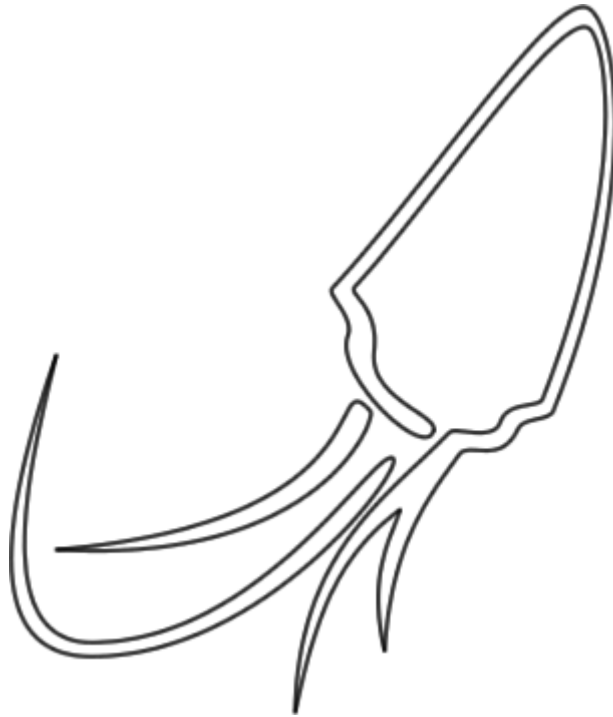


Mimesis v1.01n

Function Reference



Edition 1

desanitize

A function that desanitizes data

desanitize(*\$entry*)

| parameter | type | description |
|------------------|---------------|---------------------------------------|
| <i>\$entry</i> | <i>string</i> | The serialized data to be desanitized |

Returns

| type | description |
|--------------|--------------------------------------|
| <i>array</i> | Desanitized data or FALSE on failure |

file_cull_contents

A function that reads/writes content to a file

```
file_cull_contents($filename, $offset = 0, $bytes = null, $whence = SEEK_SET, $data = null)
```

| parameter | type | description |
|------------------|----------------|---|
| \$filename | <i>string</i> | The file to be read/written |
| \$offset | <i>integer</i> | The offset from where to begin the read/write operation |
| \$bytes | <i>integer</i> | The number of bytes to be read |
| \$whence | <i>integer</i> | The location from where to compute offset for fseek |
| \$data | <i>string</i> | The data to be written |

Returns

| type | description |
|--------------|--|
| <i>mixed</i> | The number of bytes written, the bytes read, or FALSE on failure |

file_place_contents

A function that writes content to a file

```
file_place_contents($filename, $data, $permission= 0777)
```

| parameter | type | description |
|------------------|----------------|-------------------------------------|
| \$filename | <i>string</i> | The file to be written |
| \$data | <i>string</i> | The data to be written to the file |
| \$permission | <i>integer</i> | The permission setting for the file |

Returns

| type | description |
|----------------|---|
| <i>integer</i> | The number of bytes written or FALSE on failure |

Mimesis::__construct

The constructor sets the table and structural file uris, their existence, and the universal file permissions

```
Mimesis($cwd, $table, $struct, $permission = 0777)
```

| parameter | type | description |
|------------------|----------------|---|
| \$cwd | <i>string</i> | A URI denoting the directory where the database tables are to be created/stored |
| \$table | <i>string</i> | The name of a database table |
| \$struct | <i>string</i> | The name of the structural file |
| \$permission | <i>integer</i> | The permission setting for all chmod operations on files |

Mimesis::table

A method that returns the table of interest

```
table($path = null)
```

| parameter | type | description |
|------------------|----------------|---|
| <i>\$path</i> | <i>boolean</i> | Return table path or just the table name (name returned by default) |

Returns

| type | description |
|---------------|--------------------------|
| <i>string</i> | Table name or table path |

Mimesis::struct

A method that returns the structural file of interest

```
struct($path = null)
```

| parameter | type | description |
|------------------|----------------|---|
| <i>\$path</i> | <i>boolean</i> | Return the structure path or just the structure name (name returned by default) |

Returns

| type | description |
|---------------|------------------------------|
| <i>string</i> | Structural file name or path |

Mimesis::tableExists

A method that returns the existence of the table of interest

tableExists()

Returns

| type | description |
|----------------|--------------------|
| <i>boolean</i> | Existence of table |

Mimesis::structExists

A method that returns the existence of the structural file

`structExists()`

Returns

| type | description |
|----------------|---------------------|
| <i>boolean</i> | Structure existence |

Mimesis::getRow

A method that retrieves rows from a table. With one parameter passed the method assumes that a regular expression pattern has been given, and all rows matching that pattern will be returned. With more than one parameter listed, those specific rows will be looked for without performing a pattern search. If no parameters are listed FALSE is returned and an E_USER_NOTICE level warning is issued.

getRow(...)

Returns

| type | description |
|--------------|---------------------------|
| <i>array</i> | Array or FALSE on failure |

Mimesis::query

A method that retrieves all rows in a table

`query()`

Returns

| type | description |
|--------------|--|
| <i>array</i> | An array of tabular rows or FALSE on failure |

Mimesis::insertRow

A method that inserts rows into a table (if the table does not exist it attempts to create it)

```
insertRow($data, $atomic = true)
```

| parameter | type | description |
|------------------|----------------|--|
| \$data | <i>array</i> | An array of tabular rows to be inserted |
| \$atomic | <i>boolean</i> | Whether or not the file modifications should be atomic |

Returns

| type | description |
|----------------|-----------------------------------|
| <i>boolean</i> | TRUE on success, FALSE on failure |

Mimesis::lock

A method that locks a table

```
lock($polling = null)
```

| parameter | type | description |
|------------------|----------------|--|
| <i>\$polling</i> | <i>integer</i> | Specifies the sleep time (seconds) for the lock to wait in order to reacquire the lock if it fails. If not set, the mutex will only attempt to acquire once. |

Returns

| type | description |
|----------------|----------------------------------|
| <i>boolean</i> | TRUE on success FALSE on failure |

Mimesis::release

A method that releases the lock on a table

release()

Returns

| type | description |
|----------------|----------------------------------|
| <i>boolean</i> | TRUE on success FALSE on failure |

Mimesis::deleteRow

A method that deletes rows within a table based on a regular expression pattern search

```
deleteRow($row, $atomic = true)
```

| parameter | type | description |
|------------------|----------------|--|
| \$row | <i>string</i> | Regular expression pattern of rows to search for |
| \$atomic | <i>boolean</i> | Whether or not file modifications should be atomic |

Returns

| type | description |
|----------------|-----------------------------------|
| <i>boolean</i> | TRUE on success, FALSE on failure |

Mimesis::deleteTable

A method that deletes a table and its structural file

```
deleteTable($atomic = true)
```

| parameter | type | description |
|------------------|----------------|--|
| <i>\$atomic</i> | <i>boolean</i> | Whether or not file modifications should be atomic |

Returns

| type | description |
|----------------|-----------------------------------|
| <i>boolean</i> | TRUE on success, FALSE on failure |

Mimesis::renameRow

A method that reassigns a label to a row

```
renameRow($old, $new, $atomic = true)
```

| parameter | type | description |
|------------------|----------------|--|
| \$old | <i>string</i> | Regular expression pattern of rows to search for |
| \$new | <i>string</i> | The new label for the renamed rows |
| \$atomic | <i>boolean</i> | Whether or not file modifications should be atomic |

Returns

| type | description |
|----------------|-----------------------------------|
| <i>boolean</i> | TRUE on success, FALSE on failure |

Mimesis::refresh

A method that refreshes a table by removing its row history

```
refresh($sort, $atomic = true)
```

| parameter | type | description |
|------------------|----------------|---|
| \$sort | <i>boolean</i> | If refresh should also sort (ascending) by row labels |
| \$atomic | <i>boolean</i> | Whether or not file modifications should be atomic |

Returns

| type | description |
|----------------|-----------------------------------|
| <i>boolean</i> | TRUE on success, FALSE on failure |

Mimesis::entries

A method that returns the historical number of entries and the unique number of entries within the table

entries()

Returns

| type | description |
|--------------|---|
| <i>array</i> | An array whose first value is the historical count and the second value is the unique count |

Mimesis::permission

A method that changes the global permission setting for chmod operations on files

`permission($permission)`

| parameter | type | description |
|---------------------------|----------------|-----------------------------------|
| <code>\$permission</code> | <i>integer</i> | The new chmod permissions setting |

Returns

| type | description |
|----------------|--|
| <i>integer</i> | The new permission setting or FALSE on failure |

Mutex::_construct

The constructor sets up all the parameters to create the lock. The lock's timeout will always be at least twice that of the `max_execution_time`.

```
Mutex($filename, $permission = 0777)
```

| parameter | type | description |
|---------------------------|----------------|-------------------------|
| <code>\$filename</code> | <i>string</i> | File to be locked |
| <code>\$permission</code> | <i>integer</i> | File permission of lock |

Mutex::acquireLock

A method that sets the lock on a file

```
acquireLock($polling = null)
```

| parameter | type | description |
|------------------|----------------|--|
| <i>\$polling</i> | <i>integer</i> | Specifies the sleep time (seconds) for the lock to wait in order to reacquire the lock if it fails. If not set, the mutex will only attempt to acquire once. |

Returns

| type | description |
|----------------|----------------------------------|
| <i>boolean</i> | TRUE on success FALSE on failure |

Mutex::releaseLock

A method that releases the lock on a file

```
releaseLock()
```

Returns

| type | description |
|----------------|----------------------------------|
| <i>boolean</i> | TRUE on success FALSE on failure |

Mutex::lockTime

A method that returns the timeout value set to a lock

lockTime()

Returns

| type | description |
|----------------|-------------------------------------|
| <i>integer</i> | Seconds on success FALSE on failure |

Mutex::lockID

A method that returns the mutex id set to a lock

lockID()

Returns

| type | description |
|---------------|--------------------------------------|
| <i>string</i> | Mutex id on success FALSE on failure |

Mutex::lockAbort

A method that ensures lock release upon an abnormal script termination condition

```
lockAbort()
```

Polarizer::__construct

The constructor determines the procedure to follow on how to parse the serialized input strings dependent on one or two parameters being passed to it. If one parameter is passed then it assumes a serialized array and will thus split the serialized array string into two strings of keys and values respectively. If two parameters are passed then the constructor assumes that it is being given serialized keys and serialized values and therefore recombines them into a serialized array.

`Polarizer($keys, $values = null)`

| parameter | type | description |
|-----------------------|---------------|----------------------------|
| <code>\$keys</code> | <i>mixed</i> | Array or serialized key(s) |
| <code>\$values</code> | <i>string</i> | Serialized values(s) |

Polarizer::getKeys

A method that returns serialized keys from an array

getKeys()

Returns

| type | description |
|---------------|---------------------------------------|
| <i>string</i> | Serialized key(s) or FALSE on failure |

Polarizer::getValues

A method that returns serialized values from an array

getValues()

Returns

| type | description |
|---------------|---|
| <i>string</i> | Serialized value(s) or FALSE on failure |

Polarizer::getArr

A method that returns an array from serialized keys and serialized values

getArr()

Returns

| type | description |
|--------------|---------------------------|
| <i>array</i> | Array or FALSE on failure |

sanitize

A function that sanitizes data

sanitize(*\$entry*)

parameter
\$entry

type
mixed

description
The data to be sanitized

Returns

type
string

description
Sanitized data

singularID

A function that generates unique ids

```
singularID($prefix = 'sid', $tempdir = '_cache')
```

| parameter | type | description |
|------------------|---------------|--|
| <i>\$prefix</i> | <i>string</i> | The 3 character prefix for the id |
| <i>\$tempdir</i> | <i>string</i> | The temporary directory to use for id generation |

Returns

| type | description |
|---------------|-------------------------------|
| <i>string</i> | Unique id or FALSE on failure |

str_offsets

A function that returns the offsets of all substrings within a string

```
str_offsets($haystack, $needle, $offset = 0)
```

| parameter | type | description |
|-------------------|----------------|--|
| <i>\$haystack</i> | <i>string</i> | The string to be searched |
| <i>\$needle</i> | <i>string</i> | The string to search for |
| <i>\$offset</i> | <i>boolean</i> | Location in haystack to begin searching from |

Returns

| type | description |
|--------------|---|
| <i>array</i> | An array of offsets, or FALSE on none found |

str_r_pos

A function that returns the rightmost offset of a substring within a string

```
str_r_pos($haystack, $needle, $offset = 0)
```

| parameter | type | description |
|------------------|----------------|--|
| \$haystack | <i>string</i> | The string to be searched |
| \$needle | <i>string</i> | The string to search for |
| \$offset | <i>boolean</i> | Location in haystack to begin searching from |

Returns

| type | description |
|----------------|---|
| <i>integer</i> | The substring offset, or FALSE if not found |