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* Security Helper

classic layout

Security Helper[**¶**](#30j0zll)

The Security Helper file contains security related functions.

* [Loading this Helper](#1fob9te)
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[**Loading this Helper**](#2et92p0)[**¶**](#1fob9te)

This helper is loaded using the following code:

$this->load->helper('security');

[**Available Functions**](#tyjcwt)[**¶**](#3znysh7)

The following functions are available:

xss\_clean(*$str*[, *$is\_image = FALSE*])[¶](#3dy6vkm)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input data * **$is\_image** (*bool*) – Whether we’re dealing with an image |
| Returns: | XSS-clean string |
| Return type: | string |

Provides Cross Site Script Hack filtering.

This function is an alias for CI\_Input::xss\_clean(). For more info, please see the [Input Library](http://docs.google.com/libraries/input.html) documentation.

sanitize\_filename(*$filename*)[¶](#1t3h5sf)

|  |  |
| --- | --- |
| Parameters: | * **$filename** (*string*) – Filename |
| Returns: | Sanitized file name |
| Return type: | string |

Provides protection against directory traversal.

This function is an alias for CI\_Security::sanitize\_filename(). For more info, please see the [Security Library](http://docs.google.com/libraries/security.html) documentation.

do\_hash(*$str*[, *$type = 'sha1'*])[¶](#4d34og8)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input * **$type** (*string*) – Algorithm |
| Returns: | Hex-formatted hash |
| Return type: | string |

Permits you to create one way hashes suitable for encrypting passwords. Will use SHA1 by default.

See [hash\_algos()](http://php.net/function.hash_algos) for a full list of supported algorithms.

Examples:

$str = do\_hash($str); // SHA1  
$str = do\_hash($str, 'md5'); // MD5

Note

This function was formerly named dohash(), which has been removed in favor of do\_hash().

Note

This function is DEPRECATED. Use the native hash() instead.

strip\_image\_tags(*$str*)[¶](#2s8eyo1)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string |
| Returns: | The input string with no image tags |
| Return type: | string |

This is a security function that will strip image tags from a string. It leaves the image URL as plain text.

Example:

$string = strip\_image\_tags($string);

This function is an alias for CI\_Security::strip\_image\_tags(). For more info, please see the [Security Library](http://docs.google.com/libraries/security.html) documentation.

encode\_php\_tags(*$str*)[¶](#17dp8vu)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string |
| Returns: | Safely formatted string |
| Return type: | string |

This is a security function that converts PHP tags to entities.

Note

[xss\_clean()](#3dy6vkm) does this automatically, if you use it.

Example:

$string = encode\_php\_tags($string);

[Next](http://docs.google.com/smiley_helper.html)   [Previous](http://docs.google.com/path_helper.html)

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