* [Welcome to CodeIgniter](http://docs.google.com/general/welcome.html)
* [Installation Instructions](http://docs.google.com/installation/index.html)
  + [Downloading CodeIgniter](http://docs.google.com/installation/downloads.html)
  + [Installation Instructions](http://docs.google.com/installation/index.html)
  + [Upgrading From a Previous Version](http://docs.google.com/installation/upgrading.html)
  + [Troubleshooting](http://docs.google.com/installation/troubleshooting.html)
* [CodeIgniter Overview](http://docs.google.com/overview/index.html)
  + [Getting Started](http://docs.google.com/overview/getting_started.html)
  + [CodeIgniter at a Glance](http://docs.google.com/overview/at_a_glance.html)
  + [Supported Features](http://docs.google.com/overview/features.html)
  + [Application Flow Chart](http://docs.google.com/overview/appflow.html)
  + [Model-View-Controller](http://docs.google.com/overview/mvc.html)
  + [Architectural Goals](http://docs.google.com/overview/goals.html)
* [Tutorial](http://docs.google.com/tutorial/index.html)
  + [Static pages](http://docs.google.com/tutorial/static_pages.html)
  + [News section](http://docs.google.com/tutorial/news_section.html)
  + [Create news items](http://docs.google.com/tutorial/create_news_items.html)
  + [Conclusion](http://docs.google.com/tutorial/conclusion.html)
* [Contributing to CodeIgniter](http://docs.google.com/contributing/index.html)
  + [Writing CodeIgniter Documentation](http://docs.google.com/documentation/index.html)
  + [Developer’s Certificate of Origin 1.1](http://docs.google.com/DCO.html)
* [General Topics](http://docs.google.com/general/index.html)
  + [CodeIgniter URLs](http://docs.google.com/general/urls.html)
  + [Controllers](http://docs.google.com/general/controllers.html)
  + [Reserved Names](http://docs.google.com/general/reserved_names.html)
  + [Views](http://docs.google.com/general/views.html)
  + [Models](http://docs.google.com/general/models.html)
  + [Helpers](http://docs.google.com/general/helpers.html)
  + [Using CodeIgniter Libraries](http://docs.google.com/general/libraries.html)
  + [Creating Libraries](http://docs.google.com/general/creating_libraries.html)
  + [Using CodeIgniter Drivers](http://docs.google.com/general/drivers.html)
  + [Creating Drivers](http://docs.google.com/general/creating_drivers.html)
  + [Creating Core System Classes](http://docs.google.com/general/core_classes.html)
  + [Creating Ancillary Classes](http://docs.google.com/general/ancillary_classes.html)
  + [Hooks - Extending the Framework Core](http://docs.google.com/general/hooks.html)
  + [Auto-loading Resources](http://docs.google.com/general/autoloader.html)
  + [Common Functions](http://docs.google.com/general/common_functions.html)
  + [Compatibility Functions](http://docs.google.com/general/compatibility_functions.html)
  + [URI Routing](http://docs.google.com/general/routing.html)
  + [Error Handling](http://docs.google.com/general/errors.html)
  + [Caching](http://docs.google.com/general/caching.html)
  + [Profiling Your Application](http://docs.google.com/general/profiling.html)
  + [Running via the CLI](http://docs.google.com/general/cli.html)
  + [Managing your Applications](http://docs.google.com/general/managing_apps.html)
  + [Handling Multiple Environments](http://docs.google.com/general/environments.html)
  + [Alternate PHP Syntax for View Files](http://docs.google.com/general/alternative_php.html)
  + [Security](http://docs.google.com/general/security.html)
  + [PHP Style Guide](http://docs.google.com/general/styleguide.html)
* [Libraries](http://docs.google.com/libraries/index.html)
  + [Benchmarking Class](http://docs.google.com/libraries/benchmark.html)
  + [Caching Driver](http://docs.google.com/libraries/caching.html)
  + [Calendaring Class](http://docs.google.com/libraries/calendar.html)
  + [Shopping Cart Class](http://docs.google.com/libraries/cart.html)
  + [Config Class](http://docs.google.com/libraries/config.html)
  + [Email Class](http://docs.google.com/libraries/email.html)
  + [Encrypt Class](http://docs.google.com/libraries/encrypt.html)
  + [Encryption Library](http://docs.google.com/libraries/encryption.html)
  + [File Uploading Class](http://docs.google.com/libraries/file_uploading.html)
  + [Form Validation](http://docs.google.com/libraries/form_validation.html)
  + [FTP Class](http://docs.google.com/libraries/ftp.html)
  + [Image Manipulation Class](http://docs.google.com/libraries/image_lib.html)
  + [Input Class](http://docs.google.com/libraries/input.html)
  + [Javascript Class](http://docs.google.com/libraries/javascript.html)
  + [Language Class](http://docs.google.com/libraries/language.html)
  + [Loader Class](http://docs.google.com/libraries/loader.html)
  + [Migrations Class](http://docs.google.com/libraries/migration.html)
  + [Output Class](http://docs.google.com/libraries/output.html)
  + [Pagination Class](http://docs.google.com/libraries/pagination.html)
  + [Template Parser Class](http://docs.google.com/libraries/parser.html)
  + [Security Class](http://docs.google.com/libraries/security.html)
  + [Session Library](http://docs.google.com/libraries/sessions.html)
  + [HTML Table Class](http://docs.google.com/libraries/table.html)
  + [Trackback Class](http://docs.google.com/libraries/trackback.html)
  + [Typography Class](http://docs.google.com/libraries/typography.html)
  + [Unit Testing Class](http://docs.google.com/libraries/unit_testing.html)
  + [URI Class](http://docs.google.com/libraries/uri.html)
  + [User Agent Class](http://docs.google.com/libraries/user_agent.html)
  + [XML-RPC and XML-RPC Server Classes](http://docs.google.com/libraries/xmlrpc.html)
  + [Zip Encoding Class](http://docs.google.com/libraries/zip.html)
* [Database Reference](http://docs.google.com/database/index.html)
  + [Quick Start: Usage Examples](http://docs.google.com/database/examples.html)
  + [Database Configuration](http://docs.google.com/database/configuration.html)
  + [Connecting to a Database](http://docs.google.com/database/connecting.html)
  + [Running Queries](http://docs.google.com/database/queries.html)
  + [Generating Query Results](http://docs.google.com/database/results.html)
  + [Query Helper Functions](http://docs.google.com/database/helpers.html)
  + [Query Builder Class](http://docs.google.com/database/query_builder.html)
  + [Transactions](http://docs.google.com/database/transactions.html)
  + [Getting MetaData](http://docs.google.com/database/metadata.html)
  + [Custom Function Calls](http://docs.google.com/database/call_function.html)
  + [Query Caching](http://docs.google.com/database/caching.html)
  + [Database Manipulation with Database Forge](http://docs.google.com/database/forge.html)
  + [Database Utilities Class](http://docs.google.com/database/utilities.html)
  + [Database Driver Reference](http://docs.google.com/database/db_driver_reference.html)
* [Helpers](http://docs.google.com/index.html)
  + [Array Helper](http://docs.google.com/array_helper.html)
  + [CAPTCHA Helper](http://docs.google.com/captcha_helper.html)
  + [Cookie Helper](http://docs.google.com/cookie_helper.html)
  + [Date Helper](http://docs.google.com/date_helper.html)
  + [Directory Helper](http://docs.google.com/directory_helper.html)
  + [Download Helper](http://docs.google.com/download_helper.html)
  + [Email Helper](http://docs.google.com/email_helper.html)
  + [File Helper](http://docs.google.com/file_helper.html)
  + [Form Helper](http://docs.google.com/form_helper.html)
  + [HTML Helper](http://docs.google.com/html_helper.html)
  + [Inflector Helper](http://docs.google.com/inflector_helper.html)
  + [Language Helper](http://docs.google.com/language_helper.html)
  + [Number Helper](http://docs.google.com/number_helper.html)
  + [Path Helper](http://docs.google.com/path_helper.html)
  + [Security Helper](http://docs.google.com/security_helper.html)
  + [Smiley Helper](http://docs.google.com/smiley_helper.html)
  + [String Helper](#gjdgxs)
  + [Text Helper](http://docs.google.com/text_helper.html)
  + [Typography Helper](http://docs.google.com/typography_helper.html)
  + [URL Helper](http://docs.google.com/url_helper.html)
  + [XML Helper](http://docs.google.com/xml_helper.html)

Toggle Table of Contents

[CodeIgniter](http://docs.google.com/index.html)

* [Welcome to CodeIgniter](http://docs.google.com/general/welcome.html)
* [Installation Instructions](http://docs.google.com/installation/index.html)
  + [Downloading CodeIgniter](http://docs.google.com/installation/downloads.html)
  + [Installation Instructions](http://docs.google.com/installation/index.html)
  + [Upgrading From a Previous Version](http://docs.google.com/installation/upgrading.html)
  + [Troubleshooting](http://docs.google.com/installation/troubleshooting.html)
* [CodeIgniter Overview](http://docs.google.com/overview/index.html)
  + [Getting Started](http://docs.google.com/overview/getting_started.html)
  + [CodeIgniter at a Glance](http://docs.google.com/overview/at_a_glance.html)
  + [Supported Features](http://docs.google.com/overview/features.html)
  + [Application Flow Chart](http://docs.google.com/overview/appflow.html)
  + [Model-View-Controller](http://docs.google.com/overview/mvc.html)
  + [Architectural Goals](http://docs.google.com/overview/goals.html)
* [Tutorial](http://docs.google.com/tutorial/index.html)
  + [Static pages](http://docs.google.com/tutorial/static_pages.html)
  + [News section](http://docs.google.com/tutorial/news_section.html)
  + [Create news items](http://docs.google.com/tutorial/create_news_items.html)
  + [Conclusion](http://docs.google.com/tutorial/conclusion.html)
* [Contributing to CodeIgniter](http://docs.google.com/contributing/index.html)
  + [Writing CodeIgniter Documentation](http://docs.google.com/documentation/index.html)
  + [Developer’s Certificate of Origin 1.1](http://docs.google.com/DCO.html)
* [General Topics](http://docs.google.com/general/index.html)
  + [CodeIgniter URLs](http://docs.google.com/general/urls.html)
  + [Controllers](http://docs.google.com/general/controllers.html)
  + [Reserved Names](http://docs.google.com/general/reserved_names.html)
  + [Views](http://docs.google.com/general/views.html)
  + [Models](http://docs.google.com/general/models.html)
  + [Helpers](http://docs.google.com/general/helpers.html)
  + [Using CodeIgniter Libraries](http://docs.google.com/general/libraries.html)
  + [Creating Libraries](http://docs.google.com/general/creating_libraries.html)
  + [Using CodeIgniter Drivers](http://docs.google.com/general/drivers.html)
  + [Creating Drivers](http://docs.google.com/general/creating_drivers.html)
  + [Creating Core System Classes](http://docs.google.com/general/core_classes.html)
  + [Creating Ancillary Classes](http://docs.google.com/general/ancillary_classes.html)
  + [Hooks - Extending the Framework Core](http://docs.google.com/general/hooks.html)
  + [Auto-loading Resources](http://docs.google.com/general/autoloader.html)
  + [Common Functions](http://docs.google.com/general/common_functions.html)
  + [Compatibility Functions](http://docs.google.com/general/compatibility_functions.html)
  + [URI Routing](http://docs.google.com/general/routing.html)
  + [Error Handling](http://docs.google.com/general/errors.html)
  + [Caching](http://docs.google.com/general/caching.html)
  + [Profiling Your Application](http://docs.google.com/general/profiling.html)
  + [Running via the CLI](http://docs.google.com/general/cli.html)
  + [Managing your Applications](http://docs.google.com/general/managing_apps.html)
  + [Handling Multiple Environments](http://docs.google.com/general/environments.html)
  + [Alternate PHP Syntax for View Files](http://docs.google.com/general/alternative_php.html)
  + [Security](http://docs.google.com/general/security.html)
  + [PHP Style Guide](http://docs.google.com/general/styleguide.html)
* [Libraries](http://docs.google.com/libraries/index.html)
  + [Benchmarking Class](http://docs.google.com/libraries/benchmark.html)
  + [Caching Driver](http://docs.google.com/libraries/caching.html)
  + [Calendaring Class](http://docs.google.com/libraries/calendar.html)
  + [Shopping Cart Class](http://docs.google.com/libraries/cart.html)
  + [Config Class](http://docs.google.com/libraries/config.html)
  + [Email Class](http://docs.google.com/libraries/email.html)
  + [Encrypt Class](http://docs.google.com/libraries/encrypt.html)
  + [Encryption Library](http://docs.google.com/libraries/encryption.html)
  + [File Uploading Class](http://docs.google.com/libraries/file_uploading.html)
  + [Form Validation](http://docs.google.com/libraries/form_validation.html)
  + [FTP Class](http://docs.google.com/libraries/ftp.html)
  + [Image Manipulation Class](http://docs.google.com/libraries/image_lib.html)
  + [Input Class](http://docs.google.com/libraries/input.html)
  + [Javascript Class](http://docs.google.com/libraries/javascript.html)
  + [Language Class](http://docs.google.com/libraries/language.html)
  + [Loader Class](http://docs.google.com/libraries/loader.html)
  + [Migrations Class](http://docs.google.com/libraries/migration.html)
  + [Output Class](http://docs.google.com/libraries/output.html)
  + [Pagination Class](http://docs.google.com/libraries/pagination.html)
  + [Template Parser Class](http://docs.google.com/libraries/parser.html)
  + [Security Class](http://docs.google.com/libraries/security.html)
  + [Session Library](http://docs.google.com/libraries/sessions.html)
  + [HTML Table Class](http://docs.google.com/libraries/table.html)
  + [Trackback Class](http://docs.google.com/libraries/trackback.html)
  + [Typography Class](http://docs.google.com/libraries/typography.html)
  + [Unit Testing Class](http://docs.google.com/libraries/unit_testing.html)
  + [URI Class](http://docs.google.com/libraries/uri.html)
  + [User Agent Class](http://docs.google.com/libraries/user_agent.html)
  + [XML-RPC and XML-RPC Server Classes](http://docs.google.com/libraries/xmlrpc.html)
  + [Zip Encoding Class](http://docs.google.com/libraries/zip.html)
* [Database Reference](http://docs.google.com/database/index.html)
  + [Quick Start: Usage Examples](http://docs.google.com/database/examples.html)
  + [Database Configuration](http://docs.google.com/database/configuration.html)
  + [Connecting to a Database](http://docs.google.com/database/connecting.html)
  + [Running Queries](http://docs.google.com/database/queries.html)
  + [Generating Query Results](http://docs.google.com/database/results.html)
  + [Query Helper Functions](http://docs.google.com/database/helpers.html)
  + [Query Builder Class](http://docs.google.com/database/query_builder.html)
  + [Transactions](http://docs.google.com/database/transactions.html)
  + [Getting MetaData](http://docs.google.com/database/metadata.html)
  + [Custom Function Calls](http://docs.google.com/database/call_function.html)
  + [Query Caching](http://docs.google.com/database/caching.html)
  + [Database Manipulation with Database Forge](http://docs.google.com/database/forge.html)
  + [Database Utilities Class](http://docs.google.com/database/utilities.html)
  + [Database Driver Reference](http://docs.google.com/database/db_driver_reference.html)
* [Helpers](http://docs.google.com/index.html)
  + [Array Helper](http://docs.google.com/array_helper.html)
  + [CAPTCHA Helper](http://docs.google.com/captcha_helper.html)
  + [Cookie Helper](http://docs.google.com/cookie_helper.html)
  + [Date Helper](http://docs.google.com/date_helper.html)
  + [Directory Helper](http://docs.google.com/directory_helper.html)
  + [Download Helper](http://docs.google.com/download_helper.html)
  + [Email Helper](http://docs.google.com/email_helper.html)
  + [File Helper](http://docs.google.com/file_helper.html)
  + [Form Helper](http://docs.google.com/form_helper.html)
  + [HTML Helper](http://docs.google.com/html_helper.html)
  + [Inflector Helper](http://docs.google.com/inflector_helper.html)
  + [Language Helper](http://docs.google.com/language_helper.html)
  + [Number Helper](http://docs.google.com/number_helper.html)
  + [Path Helper](http://docs.google.com/path_helper.html)
  + [Security Helper](http://docs.google.com/security_helper.html)
  + [Smiley Helper](http://docs.google.com/smiley_helper.html)
  + [String Helper](#gjdgxs)
  + [Text Helper](http://docs.google.com/text_helper.html)
  + [Typography Helper](http://docs.google.com/typography_helper.html)
  + [URL Helper](http://docs.google.com/url_helper.html)
  + [XML Helper](http://docs.google.com/xml_helper.html)

[CodeIgniter](http://docs.google.com/index.html)

* [Docs](http://docs.google.com/index.html) »
* [Helpers](http://docs.google.com/index.html) »
* String Helper

classic layout

String Helper[**¶**](#30j0zll)

The String Helper file contains functions that assist in working with strings.

Important

Please note that these functions are NOT intended, nor suitable to be used for any kind of security-related logic.

* [Loading this Helper](#1fob9te)
* [Available Functions](#3znysh7)

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

This helper is loaded using the following code:

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

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

The following functions are available:

random\_string([*$type = 'alnum'*[, *$len = 8*]])[¶](#3dy6vkm)

|  |  |
| --- | --- |
| Parameters: | * **$type** (*string*) – Randomization type * **$len** (*int*) – Output string length |
| Returns: | A random string |
| Return type: | string |

Generates a random string based on the type and length you specify. Useful for creating passwords or generating random hashes.

The first parameter specifies the type of string, the second parameter specifies the length. The following choices are available:

* **alpha**: A string with lower and uppercase letters only.
* **alnum**: Alpha-numeric string with lower and uppercase characters.
* **basic**: A random number based on mt\_rand().
* **numeric**: Numeric string.
* **nozero**: Numeric string with no zeros.
* **md5**: An encrypted random number based on md5() (fixed length of 32).
* **sha1**: An encrypted random number based on sha1() (fixed length of 40).

Usage example:

echo random\_string('alnum', 16);

Note

Usage of the *unique* and *encrypt* types is DEPRECATED. They are just aliases for *md5* and *sha1* respectively.

increment\_string(*$str*[, *$separator = '\_'*[, *$first = 1*]])[¶](#1t3h5sf)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string * **$separator** (*string*) – Separator to append a duplicate number with * **$first** (*int*) – Starting number |
| Returns: | An incremented string |
| Return type: | string |

Increments a string by appending a number to it or increasing the number. Useful for creating “copies” or a file or duplicating database content which has unique titles or slugs.

Usage example:

echo increment\_string('file', '\_'); // "file\_1"  
echo increment\_string('file', '-', 2); // "file-2"  
echo increment\_string('file\_4'); // "file\_5"

alternator(*$args*)[¶](#4d34og8)

|  |  |
| --- | --- |
| Parameters: | * **$args** (*mixed*) – A variable number of arguments |
| Returns: | Alternated string(s) |
| Return type: | mixed |

Allows two or more items to be alternated between, when cycling through a loop. Example:

for ($i = 0; $i < 10; $i++)  
{  
 echo alternator('string one', 'string two');  
}

You can add as many parameters as you want, and with each iteration of your loop the next item will be returned.

for ($i = 0; $i < 10; $i++)  
{  
 echo alternator('one', 'two', 'three', 'four', 'five');  
}

Note

To use multiple separate calls to this function simply call the function with no arguments to re-initialize.

repeater(*$data*[, *$num = 1*])[¶](#2s8eyo1)

|  |  |
| --- | --- |
| Parameters: | * **$data** (*string*) – Input * **$num** (*int*) – Number of times to repeat |
| Returns: | Repeated string |
| Return type: | string |

Generates repeating copies of the data you submit. Example:

$string = "\n";  
echo repeater($string, 30);

The above would generate 30 newlines.

Note

This function is DEPRECATED. Use the native str\_repeat() instead.

reduce\_double\_slashes(*$str*)[¶](#17dp8vu)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string |
| Returns: | A string with normalized slashes |
| Return type: | string |

Converts double slashes in a string to a single slash, except those found in URL protocol prefixes (e.g. http://).

Example:

$string = "http://example.com//index.php";  
echo reduce\_double\_slashes($string); // results in "http://example.com/index.php"

strip\_slashes(*$data*)[¶](#3rdcrjn)

|  |  |
| --- | --- |
| Parameters: | * **$data** (*mixed*) – Input string or an array of strings |
| Returns: | String(s) with stripped slashes |
| Return type: | mixed |

Removes any slashes from an array of strings.

Example:

$str = array(  
 'question'  => 'Is your name O\'reilly?',  
 'answer' => 'No, my name is O\'connor.'  
);  
  
$str = strip\_slashes($str);

The above will return the following array:

array(  
 'question'  => "Is your name O'reilly?",  
 'answer' => "No, my name is O'connor."  
);

Note

For historical reasons, this function will also accept and handle string inputs. This however makes it just an alias for stripslashes().

trim\_slashes(*$str*)[¶](#26in1rg)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string |
| Returns: | Slash-trimmed string |
| Return type: | string |

Removes any leading/trailing slashes from a string. Example:

$string = "/this/that/theother/";  
echo trim\_slashes($string); // results in this/that/theother

Note

This function is DEPRECATED. Use the native trim() instead: | | trim($str, ‘/’);

reduce\_multiples(*$str*[, *$character = ''*[, *$trim = FALSE*]])[¶](#lnxbz9)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Text to search in * **$character** (*string*) – Character to reduce * **$trim** (*bool*) – Whether to also trim the specified character |
| Returns: | Reduced string |
| Return type: | string |

Reduces multiple instances of a particular character occurring directly after each other. Example:

$string = "Fred, Bill,, Joe, Jimmy";  
$string = reduce\_multiples($string,","); //results in "Fred, Bill, Joe, Jimmy"

If the third parameter is set to TRUE it will remove occurrences of the character at the beginning and the end of the string. Example:

$string = ",Fred, Bill,, Joe, Jimmy,";  
$string = reduce\_multiples($string, ", ", TRUE); //results in "Fred, Bill, Joe, Jimmy"

quotes\_to\_entities(*$str*)[¶](#35nkun2)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string |
| Returns: | String with quotes converted to HTML entities |
| Return type: | string |

Converts single and double quotes in a string to the corresponding HTML entities. Example:

$string = "Joe's \"dinner\"";  
$string = quotes\_to\_entities($string); //results in "Joe's "dinner""

strip\_quotes(*$str*)[¶](#1ksv4uv)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string |
| Returns: | String with quotes stripped |
| Return type: | string |

Removes single and double quotes from a string. Example:

$string = "Joe's \"dinner\"";  
$string = strip\_quotes($string); //results in "Joes dinner"

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

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